

2024 Annual Water Quality Report

Metro Waste Authority
Metro Park East
Phase II MSWLF Unit and Former CWTS

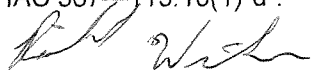
Permit No. 77-SDP-01-72P
Submittal Date: January 31, 2025



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Certification

I hereby certify that this report was prepared by me or under my direct personal supervision and that I am a qualified groundwater scientist based on the requirements noted in IAC 567—113.10(1)"d".	
	01-31-2025
Richard Wilson	Date
Pages or sheets covered by this signature:	
All	

Certification page (PE or ground water scientist signature) **113.10(1)"d"**

For the purposes of this rule, a "qualified groundwater scientist" means a scientist or an engineer who has received a baccalaureate or postgraduate degree in the natural sciences or engineering and has sufficient training and experience in groundwater hydrology and related fields demonstrated by state registration, professional certifications, or completion of accredited university programs that enable that individual to make sound professional judgments regarding groundwater monitoring, contaminant fate and transport, and corrective action.



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Acronyms/Abbreviations

ASL = Above Sea Level
ASD = Alternative Source Demonstration
AWQR = Annual Water Quality Report
CWTS = Constructed Wetlands Treatment System
DO = Dissolved Oxygen
GWPS = Groundwater Protection Standards
HDR = HDR Engineering, Inc.
HMSP = Hydrologic Monitoring System Plan
IAC = Iowa Administrative Code
IDNR = Iowa Department of Natural Resources
LCL = Lower Confidence Limit
LCS = Laboratory Control Sample
LCSD = Laboratory Control Sample Duplicate
MDL = Method Detection Limit
MPE = Metro Park East
MS/MSD = Matrix Spike/Matrix Spike Duplicate
MSWLF = Municipal Solid Waste Landfill
MWA = Metro Waste Authority
ORP = Oxidation-Reduction Potential
PCS = Petroleum-Contaminated Soils
QA/QC = Quality Assurance/Quality Control
RL = Reporting Limit
RPD = Relative Percent Difference
Sanitas = Statistical software by Sanitas Technologies
SSI = Statistically Significant Increase
SSL = Statistically Significant Level
TSS = Total Suspended Solids
UCL = Upper Confidence Limit
UPL = Upper Prediction Limit
VOC = Volatile Organic Compound



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Executive Summary

This 2024 Annual Water Quality Report (AWQR) summarizes groundwater monitoring activities, associated data, and statistical analyses conducted by HDR Engineering, Inc. (HDR) from January 1, 2024, to December 31, 2024, at the Metro Park East (MPE) Phase II municipal solid waste landfill (MSWLF) unit and the former Constructed Wetlands Treatment System (CWTS). This report is prepared by HDR on behalf of the Metro Waste Authority (MWA). Groundwater sampling, analysis, and reporting were conducted in accordance with Iowa Administrative Code (IAC) 567—113.10, and additional Iowa Department of Natural Resources (IDNR) requirements specified in the Site's solid waste disposal permit number 77-SDP-01-72P, subsequent permit amendments, and the Hydrologic Monitoring System Plan (HMSP).

Groundwater elevations, groundwater purge parameters, and water quality samples were collected during two semiannual compliance sampling events conducted on May 8, 2024, and October 10, 2024. Groundwater samples were submitted to Eurofins Environment Testing North Central (Eurofins) in Cedar Falls, Iowa for analysis. Statistical analyses performed included time series, outlier analysis, trend analysis, interwell and intrawell upper prediction limits (UPLs), and lower confidence limit (LCL) analysis to identify statistically significant increases (SSIs) and concentrations measured at statistically significant levels (SSLs) above the groundwater protection standards (GWPS). The statistical comparisons were completed using Sanitas® v10.0.15 (Sanitas) statistical software by Sanitas Technologies.

The complete *2024 Spring Statistical Report*, including associated laboratory reports and field sampling forms, is not included in this 2024 AWQR, but can be found on the Iowa DNR Electronic Document Retrieval website (**Document ID# 110585**). Groundwater sample evaluation and statistical analysis for fall 2024 is included in this report.

As part of landfill expansion, monitoring well MW-E was installed as a downgradient, compliance monitoring well to Cell E for the Phase II MSWLF unit. Well installation occurred on August 16, 2023. The first groundwater sampling event took place in September 2023. Background sampling will continue quarterly at monitoring well MW-E until eight independent sampling events have been conducted. During 2024, quarterly background sampling was conducted at MW-E on March 29th, May 8th, July 10th, and October 10th.

Detection Monitoring

Monitoring locations analyzed during the fall 2024 sampling event for the Phase II MSWLF unit included supplemental monitoring well MW-26, which is not statistically evaluated but used as a background monitoring well, and downgradient monitoring points MW-B, MW-C, MW-E, MW-67, GU-3, GU-4, and GU-5. Groundwater underdrain GU-18 was not sampled since water was not discharging from the underdrain during the fall 2024 monitoring event. The monitoring locations sampled for the CWTS during the fall 2024 sampling event included downgradient monitoring points MW-37 and MW-66. Upgradient monitoring well MW-49R was not sampled due to the well being dry. Groundwater underdrain UO-4 was not sampled since water was not discharging from the underdrain during the monitoring event. All downgradient monitoring points are in the

detection monitoring program. MW-37 and MW-C were historically in the assessment monitoring program but were returned to detection monitoring following the March 2020 sampling event.

Statistical analysis conducted on the fall 2024 compliance analytical results indicated a potential SSI. The well/constituent pair identified as a potential SSI included zinc at GU-3. A verification sampling event is tentatively scheduled to confirm the SSI.

There were no other identified SSIs in the remaining detection monitoring locations. These monitoring locations will remain in the detection monitoring program for the spring 2025 sampling event.

Assessment Monitoring

Currently, there are no wells in the assessment monitoring program.

Corrective Action Monitoring

Currently, there are no monitoring wells in the corrective action monitoring program.

Recommendations

The following actions are recommended for the continuation of semiannual groundwater sampling in spring 2025:

1. Continue collecting water level and well depth measurements, if scheduled, on a semiannual basis at all HMSP approved monitoring locations.
2. Monitoring locations MW-B, MW-C, MW-37, MW-67, GU-4, GU-5, GU-18, and UO-4 should remain in the detection monitoring program and be analyzed semiannually for Appendix I constituents and total suspended solids (TSS). The monitoring program for monitoring location GU-3 will be contingent upon the results of the verification sampling event which will be completed in early 2025.
3. Monitoring locations MW-26 and MW-49R should continue to be analyzed semiannually as background monitoring points for Appendix I constituents and TSS.
4. Monitoring location MW-36 will be sampled on a once per five years interval for boron and TSS, as noted in a letter from IDNR dated February 5, 2021. If the next sampling event in calendar year 2025 indicates levels of boron less than either of the previous last two levels, MW-36 will be abandoned and removed from the monitoring network. Monitoring well MW-36 will be sampled during the fall 2025 compliance sampling event.
5. Monitoring well MW-E will be sampled on a quarterly basis to establish the background database for this monitoring well. Statistical analysis under the detection monitoring program will be conducted for MW-E once background monitoring is completed.

1 Purpose

This 2024 Annual Water Quality Report (AWQR) summarizes groundwater monitoring activities, associated data, and statistical analyses conducted by HDR Engineering, Inc. (HDR) from January 1, 2024, to December 31, 2024, at the Metro Park East (MPE) Phase II municipal solid waste landfill (MSWLF) unit and the former Constructed Wetlands Treatment System (CWTS). This report is prepared by HDR on behalf of the Metro Waste Authority (MWA). Groundwater sampling, analysis, and reporting were conducted in accordance with Iowa Administrative Code (IAC) 567—113.10, and additional Iowa Department of Natural Resources (IDNR) requirements specified in the Site's solid waste disposal permit number 77-SDP-01-72P, subsequent permit amendments, and the Hydrologic Monitoring System Plan (HMSP).

2 Site Background

The Site is located approximately ten miles east of Des Moines, Iowa and five miles south of Mitchellville, Iowa. The Site is located in Sections 1 and 2, Township 78 North, Range 22 West, in Polk County, Iowa. The Site is bounded by State Highway 163 to the north, State Highway 316 to the west, 128th Street to the east, and 6th Avenue and 3rd Avenue to the south. A site map depicting the characteristics of the landfill and surrounding vicinity, is provided as **Figure 1**.

The MPE Landfill includes both Phase I and Phase II MSWLF units. The closed Phase I MSWLF unit is covered in a separate report. This report includes the former CWTS, which is located south of the closed Phase I MSWLF unit. The CWTS was used to treat leachate and irrigate a prairie with the treated liquid. It included a pre-application lagoon, west storage lagoon, and aeration lagoon. The CWTS ceased operation in May 2012 and was decommissioned beginning in 2014. Monitoring points are located downgradient of these structures to evaluate groundwater quality.

2.1 Site Hydrogeologic Characteristics

The geological interpretation referenced herein was obtained from the HMSP dated February 2015 and updated in September 2020. The topography of the Site ranges from approximately 938 feet above sea level (ASL) on the western portion of the northern border of the Phase II area to a low of approximately 834 feet ASL in the southwest portion of Phase II. The topography of the Phase II area has been altered by historical excavation and soil borrow activities associated with the Phase I MSWLF unit. Drainage ravines and hilltops create the majority of the topographic relief in the Phase II area.

The HMSP states the groundwater control system associated with the Phase II MSWLF unit will control the groundwater flow in the immediate vicinity of the Site. The majority of the upper aquifer groundwater flow is expected to be directed inward toward the groundwater control system, making the discharges from the groundwater control system the downgradient locations. The HMSP notes several areas where the groundwater control system may not exert sufficient influence to reverse the natural groundwater flow. MWA will evaluate those areas as future landfill cells are added over the life of the Phase II MSWLF unit.

2.2 Site Status and Applicable Rules

The Phase II MSWLF unit provides disposal of wastes from cities and unincorporated areas in Polk County; the cities of Carlisle, Hartford, and Norwalk in Warren County; the cities of Mingo and Prairie City in Jasper County; the city of Jefferson in Greene County; and the cities of Adel, Dawson, Linden, Minburn, Perry, Redfield, and Waukee, and unincorporated areas in Dallas County. The landfill accepts municipal solid wastes and the following additional wastes, in compliance with IAC 567-108 Beneficial Use Determinations: Solid By-Products as Resources and Alternative Cover Material and IAC 567-109 Special Waste Authorizations:

- Non-hazardous contaminated soils;
- Friable and non-friable asbestos,
- Asbestos-containing material;
- Petroleum-contaminated soils (PCS);
- Grit and bar screenings and grease skimmings;
- Sands;
- Sludges;
- Animal carcasses; and,
- Approved liquid wastes for solidification.

Current landfilling operations at the Site occur in Cell B, Cell C, Cell D, and Cell E. The Site operates under solid waste disposal permit number 77-SDP-01-72P and subsequent amendments. The applicable regulatory requirements are established in the most recent revision to IAC, Chapter 113.

3 Monitoring Network and Sampling Procedures

3.1 Monitoring Network

Monitoring locations analyzed during the fall 2024 sampling event for the Phase II MSWLF unit included one supplemental well, MW-26, which is not statistically evaluated but used as a background monitoring well, and downgradient monitoring points MW-B, MW-C, MW-E, MW-67, GU-3, GU-4, and GU-5. Groundwater underdrain GU-18 was not sampled as there was no discharge observed during the fall 2024 monitoring event. The monitoring locations sampled for the CWTS during the fall 2024 sampling event included downgradient monitoring points MW-37 and MW-66. Upgradient monitoring well MW-49R was not sampled due to the well being dry. Groundwater underdrain UO-4 was not sampled as there was no discharge observed during the monitoring event. Monitoring well MW-36 was not sampled in 2024 since its sampling interval is once every five years with the next sampling event tentatively scheduled for fall 2025. All downgradient monitoring points were in the detection monitoring program during the fall 2024 monitoring event. MW-37 and MW-C were historically in the assessment monitoring program but were returned to detection monitoring following the March 2020 sampling event. The monitoring network for the site is summarized in the attached **Table 1**, along with the monitoring program for each monitoring point and sampling performed during this reporting period. **Table 2** provides the monitoring program implementation plan and sampling schedule.

Semiannual detection monitoring was conducted at groundwater monitoring locations on October 10, 2024, as indicated in **Table 1**. Groundwater samples collected from monitoring wells MW-26, MW-37, MW-66, MW-67, MW-B, MW-C, and MW-E and underdrains GU-3, GU-4, and GU-5 were analyzed for the Appendix I constituent list and total suspended solids (TSS). Completed field sampling forms are included in **Appendix A**, and laboratory analytical reports for the fall 2024 sampling event are provided in **Appendix B**.

3.2 Sampling Procedures

A water level indicator was used to measure the static water level in each of the monitoring wells prior to purging and sampling. Static water levels in HMSP monitoring wells were used to determine the groundwater elevation during each semiannual sampling event. Groundwater elevations and interpolated contours for the spring 2024 and fall 2024 sampling events are depicted on the attached **Figure 2** and **Figure 3**, respectively. During the fall 2024 sampling event, groundwater elevations ranged from 809.38 (MW-36) to 926.48 (MW-26) feet ASL at the Phase II MSWLF unit and former CWTS HMSP monitoring wells. The spring and fall 2024 groundwater elevation data is summarized on **Table 4A**. The groundwater elevation contour lines in **Figure 3** for the fall 2024 semiannual monitoring event are consistent with historical groundwater flow.

In addition to measuring depth to groundwater (static water level) during the sampling event, field parameters were measured to verify and document the presence of a stable and representative sample medium prior to collection. A multi-parameter meter (YSI Pro DSS with flow cell) was used to take geochemical measurements including temperature, conductivity, oxidation-reduction potential (ORP), dissolved oxygen (DO), turbidity, and pH of the groundwater purged from the monitoring wells and prior to sampling. Geochemical measurements during purging were recorded on the field sampling forms and are provided in **Appendix A**. Current well conditions including casing degradation, collision, or vandalism is provided on the sampling forms. No well maintenance items were noted during the fall 2024 sampling event with the exception of the flushmount lid for monitoring well MW-37 was missing and needs to be replaced.

Groundwater underdrain monitoring locations GU-3, GU-4, GU-5, GU-18, and UO-4 would be collected as grab samples using a clean laboratory container to collect the sample from the discharge, if flowing. Purge parameters are not measured for grab samples. During the fall 2024 monitoring event, groundwater underdrains GU-3, GU-4, and GU-5 were sampled. Groundwater samples were not collected from underdrains GU-18 and UO-4 due to no discharge. Groundwater samples from MW-B, MW-C, MW-E, MW-26, MW-37, MW-66, and MW-67 were collected using dedicated bladder pumps following stabilization of purge parameters. A groundwater sample was not collected from monitoring well MW-49R due to the well being dry. Monitoring well MW-36 was not sampled in 2024 since its sampling interval is once every five years with the next sampling event tentatively scheduled for fall 2025. All samples were collected in accordance with the sampling techniques described in the HMSP.

4 Data Evaluation and Summary

Groundwater samples for the Phase II MSWLF unit were obtained from the following monitoring locations during the fall 2024 sampling event: MW-26, MW-67, MW-B, MW-C, MW-E, GU-3, GU-4, and GU-5. MW-26 is considered a supplemental monitoring well that is used for collecting additional background monitoring data but is not statistically evaluated. Groundwater samples taken from the former CWTS network during the fall 2024 sampling event included detection monitoring wells MW-37 and MW-66.

Groundwater samples were submitted to Eurofins Environment Testing North Central (Eurofins) in Cedar Falls, Iowa, for analysis. Prior to statistical analyses of the laboratory results, descriptive analyses are performed on the data set consisting of outlier analysis, time series graphs, box and whisker plots, and trend test analysis. These tests are performed to verify the validity of the data used to determine upper prediction limits (UPLs) and lower confidence limits (LCLs). Statistical analyses performed included prediction limit analyses to identify statistically significant increases (SSIs). No monitoring points at the Site are currently in assessment monitoring, so LCL analysis was not used to identify concentrations measured at statistically significant levels (SSLs) above the groundwater protection standards (GWPS). If any wells at the Site move into the assessment monitoring program in the future, LCL analysis will be used to identify potential SSLs. The statistical comparisons were completed using Sanitas® v10.0.15 (Sanitas) statistical software by Sanitas Technologies. Results of the fall 2024 statistical analysis are included in **Appendix C**.

A review of the background data sets used to evaluate for SSIs are included in **Table 5** and discussed in **Section 4.1**. **Table 6** lists the well-constituent pairs that had detections above the laboratory method detection limit (MDL) for the fall 2024 sampling event. **Table 7** and **Table 8** list SSIs and SSLs, respectively. Currently, the Phase II and CWTS monitoring network does not have wells in assessment monitoring, however, a potential SSI was identified for zinc at groundwater underdrain GU-3. Further discussion on the monitoring program for monitoring well GU-3 is discussed in **Section 4.1**. Historical groundwater data from network monitoring points are included in **Tables 9A and 9B** for the Phase II and CWTS sites, respectively. SSIs and SSLs that have been identified in the past are shown in **Table 10**. **Table 11** lists corrective actions for wells in assessment monitoring or corrective action. Currently, there are no wells in the assessment monitoring or corrective action programs in the Phase II and CWTS monitoring network.

4.1 Detection Monitoring Activities and Evaluation

Eight (8) downgradient monitoring locations were included in the analysis for the detection monitoring program: MW-B, MW-C, MW-67, GU-3, GU-4, and GU-5 for the Phase II MSWLF unit and MW-37 and MW-66 for the former CWTS. Detection monitoring locations were sampled for the Appendix I constituent list and TSS.

Parametric and non-parametric intrawell and interwell UPLs are used to formally assess for SSIs for constituents that have been detected above the reporting limit (RL) in each well's

background data set. The type of analysis varies by monitoring point based on historical data available. The UPLs are based on historical background data sets, as outlined below and in **Table 5**.

4.1.1 Phase II MSWLF Unit Statistical Analysis

Descriptive statistical analyses, including time series, outliers, box and whiskers plots, and trend tests were used to evaluate groundwater data from the Phase II MSWLF unit. A Shapiro-Wilk trend test was used to evaluate trends at each of the downgradient monitoring points. The following constituents were identified with statistically significant increasing trends at downgradient monitoring points to the Phase II MSWLF unit:

- GU-4: Cobalt

4.1.1.1 Intrawell Prediction Limits

Appendix I inorganic analytical results in samples collected from monitoring wells MW-B, MW-C, and MW-67 were evaluated using intrawell prediction limits, which compare recent sampling results with a historical background data set. The MW-B background data set includes data collected from the initial sampling event in December 2008 through April 2017. MW-C was in assessment monitoring until the second semiannual sampling event in 2020, and the background data set was updated when the monitoring well returned to the detection monitoring program. The background data set for MW-C is November 2010 through March 2020. The background data set for MW-67 includes data collected from the initial sampling event in December 2013 through October 2017. There were no exceedances of the intrawell prediction limits for MW-B, MW-C, or MW-67 during the fall 2024 compliance sampling event.

4.1.1.2 Interwell Prediction Limits

Groundwater underdrains GU-3, GU-4, and GU-5 are evaluated using interwell prediction limits with a 1-of-2 resampling method. The historical data from monitoring points GU-3, GU-4, and GU-5 was designated as “upgradient” data and identified as GU-3BG, GU-4BG, and GU-5BG. This allows the historical data to be pooled and the groundwater underdrains to be evaluated as a set. The data set from GU-3BG includes GU-3 data from May 2007 through May 2016. The data set from GU-4BG includes GU-4 data from May 2007 through February 2014. The data set from GU-5BG includes GU-5 data from August 2009 through October 2016. The historical background data was used to construct interwell prediction limits using Sanitas. Statistical analyses were conducted during the fall 2024 sampling event for groundwater underdrains GU-3, GU-4, and GU-5. There was one exceedance of the interwell prediction limits in the groundwater sample collected from groundwater underdrain GU-3 (zinc). A verification sampling event is tentatively scheduled for groundwater underdrain GU-3 in order to confirm if an SSI exists. A memo summarizing the results of the verification sampling event and the future monitoring program for groundwater underdrain GU-3 will be submitted following the receipt of laboratory analytical data and statistical analysis.



4.1.1.3 Double Quantification Rule

Appendix I organic constituents were not detected above laboratory limits in groundwater samples collected from monitoring wells and underdrains during the fall 2024 sampling event. For organic constituents, the double quantification rule (DQR) analysis is used. This method states that detection of the same constituent in two consecutive sampling events in the same monitoring point indicates an SSI, and the monitoring point must be placed into the assessment monitoring program. This evaluation will be conducted in a rolling manner using single observations from the semiannual and resample events, as necessary. For newly detected constituents, the resample event will be completed within 90 days of the original exceedance as stated in the IDNR memo for Double Quantification Rule Resampling dated June 22, 2017.

4.1.2 CWTS Statistical Analysis

Descriptive statistical analyses, including time series, outliers, box and whiskers plots, and trend tests were used to evaluate groundwater data from the former CWTS. The descriptive statistical analyses were prepared for Appendix I inorganic constituents and total suspended solids. Appendix I VOCs were not evaluated, as there were no VOC detections during the fall 2024 sampling event. A Shapiro-Wilk trend test was used to evaluate trends at each of the downgradient monitoring points. There were no statistically significant increasing trends identified at the downgradient monitoring points to the former CWTS.

4.1.2.1 Intrawell Prediction Limits

Monitoring well MW-37 was evaluated using an intrawell non-parametric prediction limit. MW-37 was in assessment monitoring until the second semiannual sampling event in 2020, and the background data set was updated when the monitoring well returned to the detection monitoring program. The updated background data set for MW-37 is August 2009 through March 2020. There were no exceedances of the intrawell prediction limits for MW-37 during the fall 2024 sampling event.

4.1.2.2 Interwell Prediction Limits

Monitoring well MW-66 was evaluated using interwell prediction limits with the 1-of-2 resampling method. Historically, data from abandoned background monitoring well MW-35R was used to evaluate MW-66. However, sufficient data has recently been collected from background monitoring well MW-49R to facilitate its use for evaluating MW-66. The background data set from MW-49R is May 2017 through August 2021. This MW-49R background dataset was used to construct prediction limits for the fall 2024 sampling event. There were no exceedances of the interwell prediction limits at monitoring well MW-66 during the fall 2024 compliance sampling event.

4.2 Assessment Monitoring Activities and Evaluation

Currently, there are no monitoring points in the assessment monitoring program. Previously, MW-37 and MW-C were in the assessment monitoring program, but both returned to detection monitoring in 2020. MW-37 was placed in the assessment monitoring program in Spring 2014



and MW-C was placed in the assessment monitoring program in Fall 2013. Both monitoring points were returned to the detection monitoring program prior to the second semiannual 2020 sampling event. The monitoring points were in the detection monitoring program for all of 2024.

4.3 Corrective Action Monitoring Activities and Evaluation

Currently, there are no monitoring wells in a corrective action monitoring program.

4.4 Quality Assurance/Quality Control

The quality assurance/quality control (QA/QC) protocols for each sampling event include sampling orders, proper field protocols, and laboratory protocols. A trip blank (TB-2) was collected and analyzed during the July 2024 quarterly sampling event conducted at monitoring well MW-E. One duplicate (DUP-4) sample and one trip blank (TB-2) were collected and analyzed during the fall 2024 compliance sampling event.

Eurofins is responsible for providing QA/QC of laboratory protocols; this documentation is included in **Appendix B**. The laboratory QA/QC protocols and documentation were reviewed. The laboratory sample receipt checklist indicated all samples were received within holding times, within acceptable temperatures, and sample containers were not broken or leaking.

The following qualifiers were noted for some parameters in the report:

- J – Result is less than the RL but greater than or equal to the laboratory MDL and the concentration is an approximate value. Detections with J-flags are not considered as statistically significant results during analysis.

One field duplicate sample was collected during the fall 2024 compliance sampling event. Field duplicate sample DUP-4 was obtained from monitoring location MW-B. The field duplicate sample was analyzed to determine the relative percent difference (RPD) between the original (parent) sample and the duplicate sample. RPD values are only calculated for constituents detected above the laboratory MDL for both the parent and duplicate sample. According to *Practical Guide for Ground-Water Sampling*, Barcelona et al, November 1985, “Duplicate sample values which differ by less than ±50% relative difference indicates good error control.” The table below lists all detections for the parent and duplicate sample.

Parameter	Units	MW-B	DUP-4	RPD
Barium	mg/L	0.0443	0.0424	4.38%
Cobalt	mg/L	0.000257J	0.000259J	N/A
TSS	mg/L	3.00	2.75	8.70%

Notes:

RPD = Relative Percent Difference

N/A = Not Applicable; Constituent was not detected and/or RPD was not calculated.

RPD is not calculated for constituents that are non-detects or J-flagged.

J = J-flagged; Result is less than the reporting limit but greater than or equal to the method detection limit and the concentration is an approximate value, therefore RPD is not calculated.

The only constituents detected in both the duplicate and parent sample without J-flags were barium and TSS. The RPD for each was below the $\pm 50\%$ relative difference which indicates good error control.

For the trip blanks monitored during the July 2024 sampling event and the fall 2024 compliance sampling event, there were no monitored constituents detected above laboratory reporting limits. This indicates no cross-contamination from field and sample handling procedures.

Results of the QA/QC samples did not trigger corrective measures such as resampling or laboratory re-analysis for the fall 2024 compliance sampling event.

5 Conclusions and Recommendations

Following the fall 2024 statistical analysis of the detection monitoring locations, zinc at GU-3 was detected above its respective UPL. A verification sampling event is scheduled for evaluation of the elevated zinc at monitoring location GU-3. Organic constituents were not detected above laboratory reporting limits in the groundwater samples collected during the fall 2024 compliance sampling event.

The following actions are recommended for the continuation of semiannual groundwater sampling in spring 2025:

1. Continue collecting water level and well depth measurements, if scheduled, on a semiannual basis at all HMSP approved monitoring locations.
2. Monitoring locations MW-B, MW-C, MW-37, MW-67, GU-4, GU-5, GU-18, and UO-4 should remain in the detection monitoring program and be analyzed semiannually for Appendix I constituents and TSS. The monitoring program for monitoring location GU-3 will be contingent upon the results of the verification sampling event which will be completed in early 2025.
3. Monitoring locations MW-26 and MW-49R should continue to be analyzed semiannually as background monitoring points for Appendix I constituents and TSS.
4. Monitoring location MW-36 will be sampled on a once per five years interval for boron and TSS, as noted in a letter from IDNR dated February 5, 2021. If the next sampling event in calendar year 2025 indicates levels of boron less than either of the previous last two levels, MW-36 will be abandoned and removed from the monitoring network. Monitoring well MW-36 will be sampled during the fall 2025 compliance sampling event.
5. Monitoring well MW-E will be sampled on a quarterly basis to establish the background database for this monitoring well. Statistical analysis under the detection monitoring program will be conducted for MW-E once background monitoring is completed.

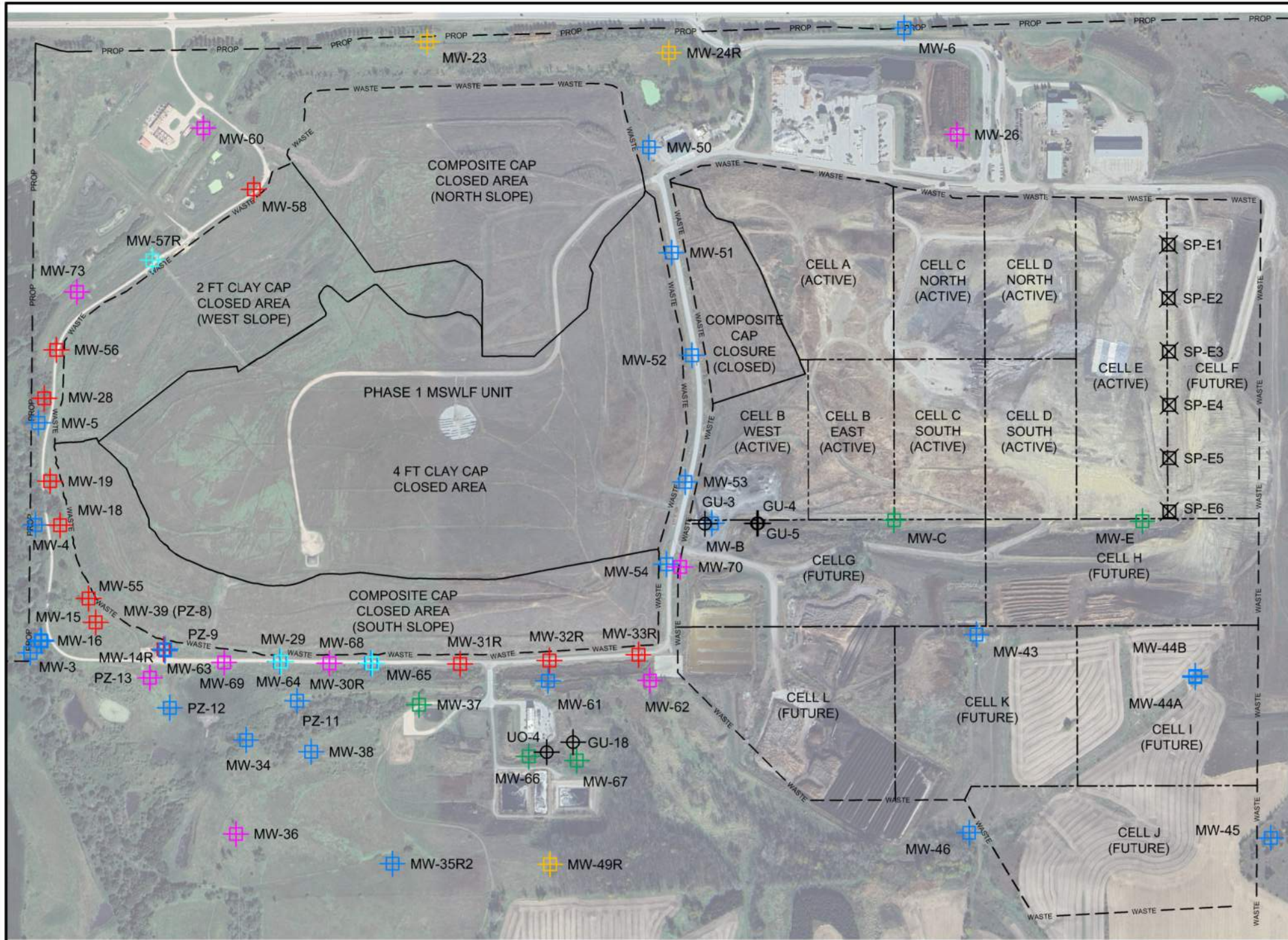


Figures



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C:\pwworking\central\01\44160156\Figure 1 - Site Map Spring 2024.dwg, Plot, 1/21/2025 9:11:35 AM, MICWALSH



PHASE I MSWLF UNIT WELL NETWORK	
WELL ID	CURRENT MONITORING PROGRAM
MW-14	ASSESSMENT/CAMP
MW-18	ASSESSMENT
MW-19	ASSESSMENT
MW-23	BACKGROUND
MW-24R	BACKGROUND
MW-28	ASSESSMENT
MW-29	CORRECTIVE ACTION/CAMP
MW-30R	CORRECTIVE ACTION/CAMP
MW-31R	ASSESSMENT/CAMP
MW-32R	ASSESSMENT/CAMP
MW-33R	ASSESSMENT/CAMP
MW-39	ASSESSMENT
MW-55	ASSESSMENT
MW-56	ASSESSMENT
MW-57R	CORRECTIVE ACTION/CAMP
MW-58	ASSESSMENT/CAMP
MW-60	CAMP
MW-62	CAMP
MW-68	CAMP
MW-69	CAMP
MW-70	CAMP
MW-73	CAMP
PZ-13	CAMP

PHASE II MSWLF UNIT WELL NETWORK	
WELL ID	CURRENT MONITORING PROGRAM
MW-26	SUPPLEMENTAL
MW-67	DETECTION
MW-B	DETECTION
MW-C	DETECTION
MW-E	DETECTION
GU-3	DETECTION
GU-4	DETECTION
GU-5	DETECTION
GU-18	DETECTION

FORMER CWTS WELL NETWORK	
WELL ID	CURRENT MONITORING PROGRAM
MW-49R	BACKGROUND
MW-37	DETECTION
MW-66	DETECTION
UO-4	DETECTION
MW-36	BORON TREND

- NOTES:
1. AERIAL PHOTO PROVIDED BY GOOGLE EARTH ON OCTOBER 2024.
 2. MONITORING WELLS MW-20, MW-21, MW-22R, MW-47, MW-59, MW-71 AND MW-72 ARE ABANDONED AND NOT SHOWN ON THE FIGURE.

LEGEND

- PERMITTED EDGE OF WASTE
- CELL BOUNDARY
- PROPERTY LINE
- ASSESSMENT MONITORING WELL
- BACKGROUND MONITORING WELL
- DETECTION MONITORING WELL
- CAMP/DELINEATION WELL
- CORRECTIVE ACTION WELL
- WELL - WATER LEVEL ONLY
- GROUNDWATER UNDERDRAIN
- GROUNDWATER STAND PIPE

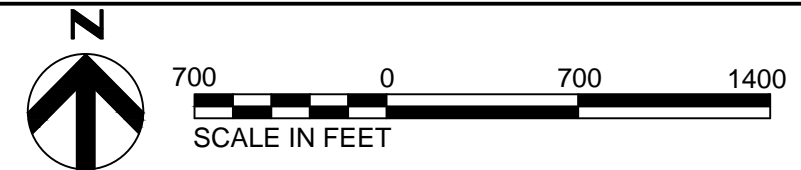
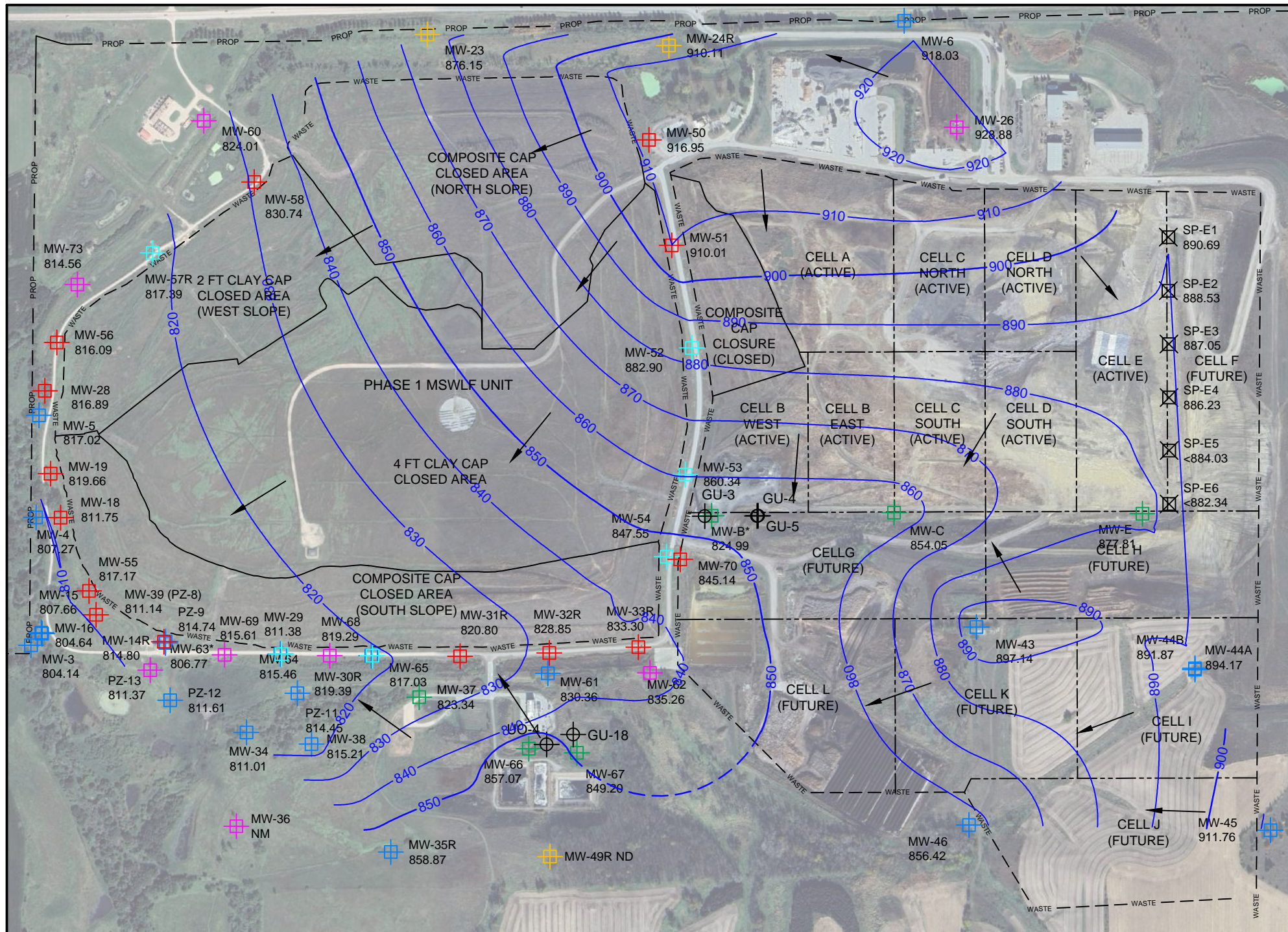


**METRO WASTE AUTHORITY
METRO PARK EAST
PHASE I & PHASE II MSWLF UNITS**
SITE MAP

DATE
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FIGURE

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C:\pwworking\central01\44160156\Figure 2 - May 2024 GROUNDWATER CONTOURS.dwg, Plot, 1/21/2025 9:13:14 AM, MICWALSH



PHASE I MSWLF UNIT WELL NETWORK		PHASE II MSWLF UNIT WELL NETWORK													
WELL ID	CURRENT MONITORING PROGRAM	WELL ID	CURRENT MONITORING PROGRAM												
MW-14	ASSESSMENT/CAMP	MW-26	SUPPLEMENTAL												
MW-18	ASSESSMENT	MW-67	DETECTION												
MW-19	ASSESSMENT	MW-B	DETECTION												
MW-23	BACKGROUND	MW-C	DETECTION												
MW-24R	BACKGROUND	MW-E	DETECTION												
MW-28	ASSESSMENT	GU-3	DETECTION												
MW-29	CORRECTIVE ACTION/CAMP	GU-4	DETECTION												
MW-30R	CORRECTIVE ACTION/CAMP	GU-5	DETECTION												
MW-31R	ASSESSMENT/CAMP	GU-18	DETECTION												
MW-32R	ASSESSMENT/CAMP	FORMER CWTS WELL NETWORK <table border="1"> <thead> <tr> <th>WELL ID</th> <th>CURRENT MONITORING PROGRAM</th> </tr> </thead> <tbody> <tr> <td>MW-49R</td> <td>BACKGROUND</td> </tr> <tr> <td>MW-37</td> <td>DETECTION</td> </tr> <tr> <td>MW-66</td> <td>DETECTION</td> </tr> <tr> <td>UO-4</td> <td>DETECTION</td> </tr> <tr> <td>MW-36</td> <td>BORON TREND</td> </tr> </tbody> </table>		WELL ID	CURRENT MONITORING PROGRAM	MW-49R	BACKGROUND	MW-37	DETECTION	MW-66	DETECTION	UO-4	DETECTION	MW-36	BORON TREND
WELL ID	CURRENT MONITORING PROGRAM														
MW-49R	BACKGROUND														
MW-37	DETECTION														
MW-66	DETECTION														
UO-4	DETECTION														
MW-36	BORON TREND														
MW-33R	ASSESSMENT/CAMP														
MW-39	ASSESSMENT														
MW-50	ASSESSMENT														
MW-51	ASSESSMENT														
MW-52	CORRECTIVE ACTION/CAMP														
MW-53	CORRECTIVE ACTION/CAMP														
MW-54	CORRECTIVE ACTION/CAMP														
MW-55	ASSESSMENT														
MW-56	ASSESSMENT														
MW-57R	CORRECTIVE ACTION/CAMP														
MW-58	ASSESSMENT/CAMP														
GU-3A	TREATED AS LEACHATE														
MW-60	CAMP														
MW-62	CAMP														
MW-68	CAMP														
MW-69	CAMP														
MW-70	CAMP														
MW-73	CAMP														
PZ-13	CAMP														

- NOTES:**
1. AERIAL PHOTO PROVIDED BY GOOGLE EARTH ON OCTOBER 2024.
 2. MONITORING WELL MW-B and MW-63 WERE NOT USED FOR GENERATION OF CONTOURS DUE TO ANOMALOUS ELEVATION.
 3. GROUNDWATER STANDPIPES SP-E5 AND SP-E6 WERE DRY DURING THE MAY 2024 SAMPLING EVENT. THE BOTTOM OF CASING HAS BEEN USED FOR CONTOUR GENERATION. GROUNDWATER IS ANTICIPATED TO BE BELOW THESE PROVIDED ELEVATIONS.
 4. MONITORING WELLS WITH NO CORRESPONDING GROUNDWATER ELEVATION DID NOT HAVE STATIC WATER LEVEL MEASURED DURING THE SAMPLING EVENT.

LEGEND			
--- PERMITTED EDGE OF WASTE	--- CELL BOUNDARY	--- PROP PROPERTY LINE	
— 990 — GROUNDWATER CONTOUR	— INFERRED GROUNDWATER CONTOUR	← FLOW DIRECTION	⊕ ASSESSMENT MONITORING WELL
			⊕ BACKGROUND MONITORING WELL
			⊕ DETECTION MONITORING WELL
			⊕ CAMP/DELINEATION WELL
			⊕ CORRECTIVE ACTION WELL
			⊕ WELL - WATER LEVEL ONLY
			⊕ GROUNDWATER UNDERDRAIN
			⊕ GROUNDWATER STAND PIPE

ND = NOT DETECTED
NM = NOT MEASURED



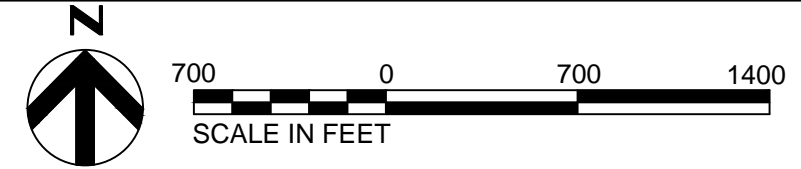
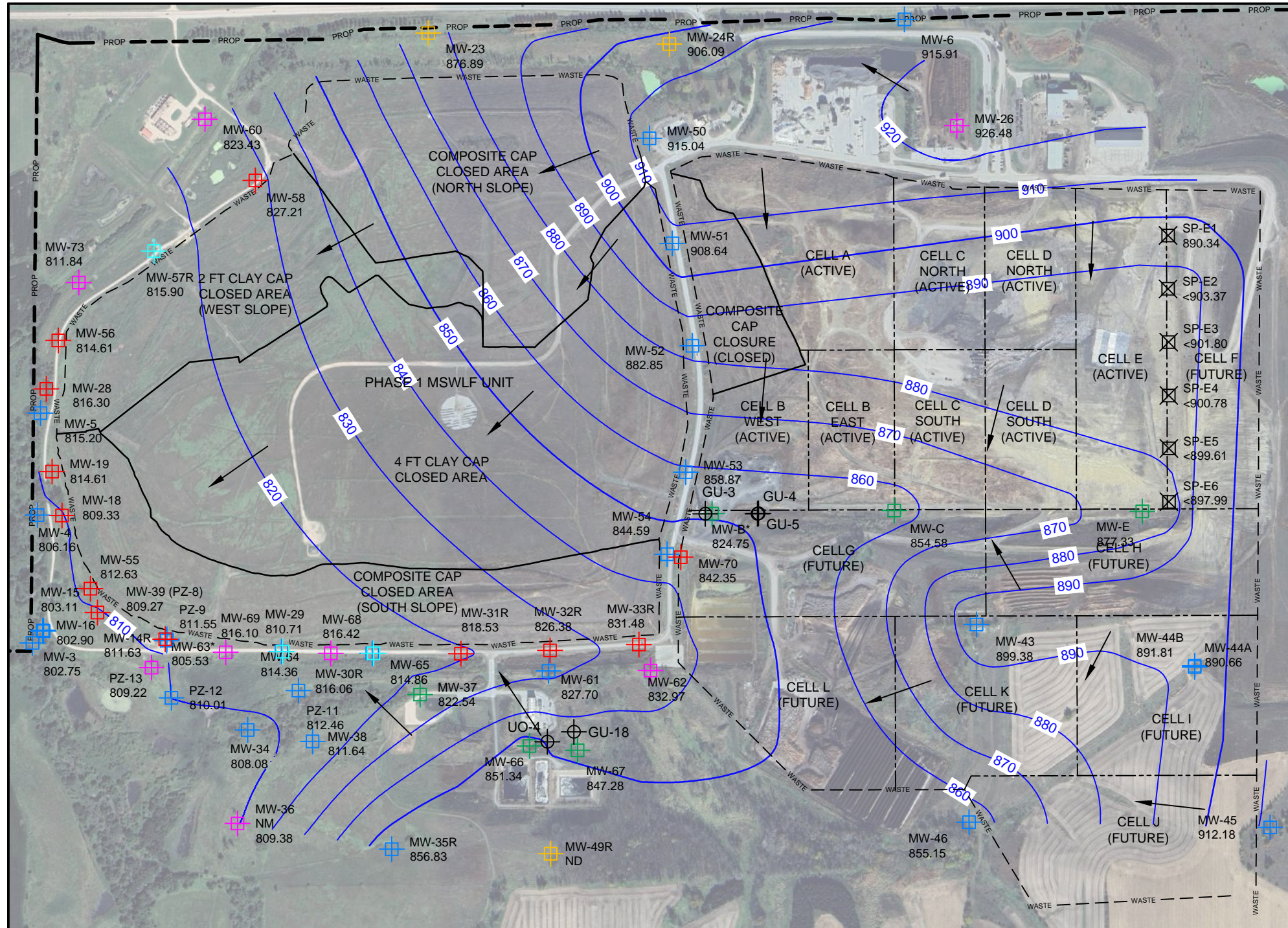
**METRO WASTE AUTHORITY
METRO PARK EAST
PHASE I & PHASE II MSWLF UNITS**

MAY 2024 GROUNDWATER CONTOURS

DATE
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C:\pwworking\central\01\44160156\Figure 2 - October 2024 GROUNDWATER CONTOURS.dwg, Plot, 1/21/2025 9:15:30 AM, MICWALSH



PHASE I MSWLF UNIT WELL NETWORK	
WELL ID	CURRENT MONITORING PROGRAM
MW-14	ASSESSMENT/CAMP
MW-18	ASSESSMENT
MW-19	ASSESSMENT
MW-23	BACKGROUND
MW-24R	BACKGROUND
MW-28	ASSESSMENT
MW-29	CORRECTIVE ACTION/CAMP
MW-30R	CORRECTIVE ACTION/CAMP
MW-31R	ASSESSMENT/CAMP
MW-32R	ASSESSMENT/CAMP
MW-33R	ASSESSMENT/CAMP
MW-39	ASSESSMENT
MW-55	ASSESSMENT
MW-56	ASSESSMENT
MW-57R	CORRECTIVE ACTION/CAMP
MW-58	ASSESSMENT/CAMP
GU-3A	TREATED AS LEACHATE
MW-60	CAMP
MW-62	CAMP
MW-68	CAMP
MW-69	CAMP
MW-70	CAMP
MW-73	CAMP
PZ-13	CAMP

PHASE II MSWLF UNIT WELL NETWORK	
WELL ID	CURRENT MONITORING PROGRAM
MW-26	SUPPLEMENTAL
MW-67	DETECTION
MW-B	DETECTION
MW-C	DETECTION
MW-E	DETECTION
GU-3	DETECTION
GU-4	DETECTION
GU-5	DETECTION
GU-18	DETECTION

FORMER CWTS WELL NETWORK	
WELL ID	CURRENT MONITORING PROGRAM
MW-49R	BACKGROUND
MW-37	DETECTION
MW-66	DETECTION
UO-4	DETECTION
MW-36	BORON TREND

- NOTES:**
1. AERIAL PHOTO PROVIDED BY GOOGLE EARTH ON OCTOBER 2024.
 2. MONITORING WELL MW-B AND MW-63 WERE NOT USED FOR GENERATION OF CONTOURS DUE TO ANOMALOUS ELEVATION.
 3. GROUNDWATER STANDPIPES SP-E2 THROUGH SP-E6 WERE DRY DURING THE OCTOBER 2024 SAMPLING EVENT. THE BOTTOM OF CASING HAS BEEN USED FOR CONTOUR GENERATION. GROUNDWATER IS ANTICIPATED TO BE BELOW THESE PROVIDED ELEVATIONS.
 4. MONITORING WELLS WITH NO CORRESPONDING GROUNDWATER ELEVATION DID NOT HAVE STATIC WATER LEVEL MEASURED DURING THE SAMPLING EVENT.

LEGEND

- PERMITTED EDGE OF WASTE
- CELL BOUNDARY
- PROP --- PROPERTY LINE
- 990 --- GROUNDWATER CONTOUR
- INFERRED GROUNDWATER CONTOUR
- FLOW DIRECTION
- ⊕ ASSESSMENT MONITORING WELL
- ⊕ BACKGROUND MONITORING WELL
- ⊕ DETECTION MONITORING WELL
- ⊕ CAMP/DELINEATION WELL
- ⊕ CORRECTIVE ACTION WELL
- ⊕ WELL - WATER LEVEL ONLY
- ⊕ GROUNDWATER UNDERDRAIN
- ⊕ GROUNDWATER STAND PIPE

ND = NOT DETECTED
NM = NOT MEASURED



**METRO WASTE AUTHORITY
METRO PARK EAST
PHASE I & PHASE II MSWLF UNITS**

OCTOBER 2024 GROUNDWATER CONTOURS

DATE
JAN 2025
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Tables



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Table 1
Monitoring Program Summary
2024 Annual Water Quality Report
MPE Phase II MSWLF and CWTS
Permit No. 77-SDP-01-72P

Monitoring Well	Formation ¹	Current Monitoring Program	Change for next sampling event	Constituents w/ SSI	Constituents w/ SSL	Total # of Samples in Each Monitoring Program Since January 1, 2018		
						Detection	Assessment	Corrective Action
Phase II MSWLF Unit								
MW-26	Glacial Till	Supplemental	No Change	None	None	14	0	0
MW-67	Glacial Till	Detection	No Change	None	None	14	0	0
MW-B	Glacial Till	Detection	No Change	None	None	14	0	0
MW-C	Glacial Till	Detection	No Change	None	None	9	5	0
MW-E	Glacial Till	Detection	No Change	None	None	6	0	0
GU-3	N/A	Detection	Pending Verification Event	Zinc	None	12	1	0
GU-4	N/A	Detection	No Change	None	None	10	0	0
GU-5	N/A	Detection	No Change	None	None	13	0	0
GU-18	N/A	Detection	No Change	None	None	5	0	0
Former CWTS								
MW-49R	Glacial Till	Background	No Change	None	None	8	0	0
MW-37	Glacial Till	Detection	No Change	None	None	10	4	0
MW-66	Glacial Till	Detection	No Change	None	None	14	0	0
UO-4	N/A	Detection	No Change	None	None	0	0	0
MW-36 ²	Glacial Till	Detection	No Change	None	None	6	0	0

Notes:

N/A = Not Applicable.

ASD = Alternative Source Demonstration

Comments:

¹ Information obtained from boring logs and/or document review. In the event boring logs were not readily available, the information was gathered from documents reviewed, including Appendix 3 Hydrogeologic Investigation in the MPE 2015 Permit Renewal. Glacial till in the approximate area of the Phase II MSWLF Unit is of the Wolf Creek or Alburnett formations.

² Boron trend sampling only. Samples accounted for under detection monitoring. Groundwater sample collection is on a 5-year sampling schedule, and the next sampling event is tentatively scheduled for 2025.

- Samples noted in this table are for the full list required for detection, assessment, and/or corrective action monitoring unless otherwise noted. For the purpose of tracking samples collected, background points are included under detection monitoring. Retests for individual parameters, if completed, are not included in the count for Total # of Samples In Each Monitoring Program since January 1, 2018.

- In 2020, the Iowa DNR approved the following monitoring program changes: MW-37, MW-C, and GU-3 were changed from assessment monitoring to detection monitoring.

- N/A = Not Available or Not Applicable

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Table 2
Monitoring Program Implementation Schedule
2024 Annual Water Quality Report
MPE Phase II MSWLF and CWTS
Permit No. 77-SDP-01-72P

Monitoring Point	Past Sampling Dates and Constituents				Upcoming Sampling Dates and Constituents			Full Appendix II Sample Dates	
	March 29, 2024	May 8, 2024	July 10, 2024	October 10, 2024	First Half 2025 (March)	May 2025	Second Half 2024 (October)	Previously Collected	Next Event ²
Phase II MSWLF Unit									
MW-26	NA	Appendix I, TSS	NA	Appendix I, TSS	Appendix I, TSS	NA	Appendix I, TSS	NA	NA
MW-67	NA	Appendix I, TSS	NA	Appendix I, TSS	Appendix I, TSS	NA	Appendix I, TSS	NA	NA
MW-B	NA	Appendix I, TSS	NA	Appendix I, TSS	Appendix I, TSS	NA	Appendix I, TSS	NA	NA
MW-C	NA	Appendix I, TSS	NA	Appendix I, TSS	Appendix I, TSS	NA	Appendix I, TSS	March 2020	NA
MW-E ³	Appendix I, TSS	Appendix I, TSS	Appendix I, TSS	Appendix I, TSS	Appendix I, TSS	Appendix I, TSS	Appendix I, TSS	NA	NA
GU-3	NA	Appendix I, TSS	NA	Appendix I, TSS	Appendix I, TSS	NA	Appendix I, TSS	March 2020	NA
GU-4	NA	Appendix I, TSS	NA	Appendix I, TSS	Appendix I, TSS	NA	Appendix I, TSS	NA	NA
GU-5	NA	Appendix I, TSS	NA	Appendix I, TSS	Appendix I, TSS	NA	Appendix I, TSS	NA	NA
GU-18	NA	No sample (dry)	NA	No sample (dry)	Appendix I, TSS	NA	Appendix I, TSS	NA	NA
Former CWTS									
MW-49R	NA	No sample (dry)	NA	No sample (dry)	Appendix I, TSS,	NA	Appendix I, TSS,	NA	NA
MW-37	NA	Appendix I, TSS	NA	Appendix I, TSS	Appendix I, TSS	NA	Appendix I, TSS	October 2015	NA
MW-66	NA	Appendix I, TSS	NA	Appendix I, TSS	Appendix I, TSS	NA	Appendix I, TSS	NA	NA
UO-4	NA	No sample (dry)	NA	No sample (dry)	Appendix I, TSS	NA	Appendix I, TSS	NA	NA
MW-36	NA	No sample ¹	NA	No sample ¹	No sample ¹	NA	Boron	NA	NA

¹ In a comment letter from IDNR dated February 5, 2021, the Department changed the sampling frequency for monitoring point MW-36 to every five years. The next sampling event for monitoring point MW-36 will occur in 2025.

² All sampling points are currently in detection monitoring and therefore full Appendix II sampling dates are not applicable.

³ Monitoring well MW-E was installed in 2023 with the first groundwater sampling event conducted in September 2023. The background dataset for MW-E is being established and is sampled on a quarterly basis until eight (8) independent samples have been collected.

NA = Not Applicable

NI = Not Installed

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Table 3
Monitoring Well Maintenance and Performance Reevaluation Schedule
2024 Annual Water Quality Report
Phase II MSWLF and CWTS
Permit No. 77-SDP-01-72P

Compliance with:	Monitoring Calendar Year				
	2022	2023	2024	2025	2026
567 IAC 113.10(2)"f"(1) high and low water levels		Completed		Scheduled	
567 IAC 113.10(2)"f"(2) changes in the hydrologic setting and flow paths		Completed		Scheduled	
567 IAC 113.10(2)"f"(3) well depths	Completed				
567 IAC 113.10(2)"f"(4) well recharge rates and chemistry	Completed		Completed		Scheduled
Waste separation from ground water 113.6(2)"l"	Completed	Completed	Completed	Scheduled	Scheduled

Comments:

- Groundwater flow directions are consistent with historical groundwater flow data and measurements collected from the Site monitoring network. Flow directions for Spring and Fall 2024 are shown in Figures 2 and 3, respectively.
- Monitoring well depths were measured during the Fall 2022 sampling event. Well depth measurements of monitoring wells containing dedicated sampling pumps are required to be conducted every five years, which applies to all the monitoring wells in the Phase II MSWLF unit and the former CWTS HMSP monitoring wells. The next well depth measurement event is tentatively scheduled for Fall 2027.
- Monitoring well sampling is conducted via low-flow techniques which requires a low flow rate to minimize groundwater level drawdown. When comparing the Fall 2024 pumping rates and water level drawdown data at sampled wells to the previous three years of data, the wells appear to be functioning properly with no reduced flow. Coupling this with field purging parameters and laboratory analytical results remaining similar over the previous couple of monitoring events, monitoring well deterioration is not evident in the HMSP monitoring networks for the Phase II MSWLF unit and the former CWTS.
- Waste separation from groundwater measurements and discussion are shown in Table 4B.

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Table 4A
Monitoring Well Maintenance and Performance Summary
2024 Annual Water Quality Report
Phase II MSWLF and CWTS
Permit No. 77-SDP-01-72P

Monitoring Well ID	Top of casing (ft AMSL)	Top of Screen (ft AMSL)	Total Depth (ft)	Groundwater Level and Monitoring Well Information	Date of Measurements		Maximum Well Depth Discrepancy (ft)
					5/8/2024	10/10/2024	
Phase II MSWLF Unit							
MW-26	938.83	920.23	23.6	Groundwater Level (ft)	9.95	12.35	NM
				Groundwater Elevation (Ft AMSL)	928.88	926.48	
				Measured Well Depth (ft)	NM	NM	
				Submerged screen	Y	Y	
MW-67	853.99	846.40	22.6	Groundwater Level (ft)	4.79	6.71	NM
				Groundwater Elevation (Ft AMSL)	849.20	847.28	
				Measured Well Depth (ft)	NM	NM	
				Submerged screen	Y	Y	
MW-B	844.15	817.75	41.6	Groundwater Level (ft)	19.16	19.40	NM
				Groundwater Elevation (Ft AMSL)	824.99	824.75	
				Measured Well Depth (ft)	NM	NM	
				Submerged screen	Y	Y	
MW-C	864.72	857.06	27.7	Groundwater Level (ft)	10.67	10.14	NM
				Groundwater Elevation (Ft AMSL)	854.05	854.58	
				Measured Well Depth (ft)	NM	NM	
				Submerged screen	N	N	
MW-E	890.96	842.63	58.3	Groundwater Level (ft)	13.15	13.63	NM
				Groundwater Elevation (Ft AMSL)	877.81	877.33	
				Measured Well Depth (ft)	NM	NM	
				Submerged screen	Y	Y	
Former CWTS							
MW-49R	912.58	897.60	25.0	Groundwater Level (ft)	ND	ND	NM
				Groundwater Elevation (Ft AMSL)	-	-	
				Measured Well Depth (ft)	NM	NM	
				Submerged screen	-	-	
MW-37	836.18	821.18	23.3	Groundwater Level (ft)	12.84	13.64	NM
				Groundwater Elevation (Ft AMSL)	823.34	822.54	
				Measured Well Depth (ft)	NM	NM	
				Submerged screen	Y	Y	
MW-66	865.59	851.40	29.2	Groundwater Level (ft)	8.52	14.25	NM
				Groundwater Elevation (Ft AMSL)	857.07	851.34	
				Measured Well Depth (ft)	NM	NM	
				Submerged screen	Y	N	
MW-36	816.91	809.41	17.5	Groundwater Level (ft)	NM	7.53	NM
				Groundwater Elevation (Ft AMSL)	-	809.38	
				Measured Well Depth (ft)	NM	NM	
				Submerged screen	-	N	

ND = Not Detected
 NM = Not Measured
 ft AMSL = feet above mean sea level

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Table 4B
Monitoring Well Maintenance and Performance Summary
2024 Annual Water Quality Report
Phase II MSWLF and CWTS
Permit No. 77-SDP-01-72P

Groundwater Standpipes

Standpipes		Date of Measurements	
		5/8/2024	10/10/2024
SP-E1	Bottom of Waste (feet AMSL)	899	899
	Groundwater Elevation (feet AMSL)	890.69	890.34
	Separation distance (feet)	8.31	8.46
SP-E2	Bottom of Waste (feet AMSL)	897	897
	Groundwater Elevation (feet AMSL)	888.53	<887.86
	Separation distance (feet)	8.47	>9
SP-E3	Bottom of Waste (feet AMSL)	896	896
	Groundwater Elevation (feet AMSL)	887.05	<886.11
	Separation distance (feet)	8.95	>9
SP-E4	Bottom of Waste (feet AMSL)	894	894
	Groundwater Elevation (feet AMSL)	886.23	<884.94
	Separation distance (feet)	7.77	>9
SP-E5	Bottom of Waste (feet AMSL)	896	896
	Groundwater Elevation (feet AMSL)	<884.03	<884.03
	Separation distance (feet)	>11	>11
SP-E6	Bottom of Waste (feet AMSL)	891	891
	Groundwater Elevation (feet AMSL)	<882.34	<882.34
	Separation distance (feet)	>8	>8

Comments:

In accordance with IAC 113.10(2)"", groundwater elevation is monitored below the lined landfill to ensure a minimum 5-foot separation distance is maintained between the base of the waste and the high water table. Groundwater elevations are measured in standpipes located on the east side of each cell which is generally the up-gradient location based on general groundwater flow.

If the standpipe was dry, the groundwater elevation is reported as less than the approximate bottom of well casing (i.e. <884).

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Table 5
Background and GWPS Summary
2024 Annual Water Quality Report
Phase II MSWLF and CWTS
Permit No. 77-SDP-01-72P

Interwell Background/GWPS (Phase II: GU-3BG, GU-4BG, and GU-5BG)

Constituent	Units	Samples	Detections	Min	Max	Mean	Background Level	Type of Statistical Prediction Limit	GWPS	Source
Inorganics										
Arsenic	mg/L	74	36	0.000832 J	0.08 (RL)	0.006589	0.08	Non-Parametric	0.01	MCL
Barium	mg/L	78	78	0.0121	1.85	0.1788	1.85	Non-Parametric	2	MCL
Beryllium	mg/L	74	6	0.000125 J	0.0108	0.001453	0.0108	Non-Parametric	0.004	MCL
Cadmium	mg/L	74	15	0.000044 J	0.02 (RL)	0.001164	0.02	Non-Parametric	0.005	MCL
Chromium	mg/L	74	5	0.000618 J	0.06 (RL)	0.01825	0.06	Non-Parametric	0.1	MCL
Cobalt	mg/L	74	36	0.000244 J	0.0833	0.01185	0.0833	Non-Parametric	0.0137	SS
Copper	mg/L	74	9	0.000784 J	0.06 (RL)	0.01841	0.06	Non-Parametric	1.3	MCL
Lead	mg/L	72	11	0.000169 J	0.0257	0.004107	0.0257	Non-Parametric	0.015	MCL
Nickel	mg/L	74	21	0.00136 J	0.196	0.04545	0.196	Non-Parametric	0.1	IA SWS
Selenium	mg/L	74	4	0.00131 J	0.15 (RL)	0.008978	0.15	Non-Parametric	0.05	MCL
Thallium	mg/L	74	4	0.000029 J	1 (RL)	0.0288	1	Non-Parametric	0.002	IA SWS
Vanadium	mg/L	74	7	0.000538 J	0.15 (RL)	0.04491	0.15	Non-Parametric	0.035	IA SWS
Zinc	mg/L	75	47	0.01 (RL)	0.456	0.07599	0.456	Non-Parametric	2	IA SWS
Organics										
Acetone	µg/L	74	6	1.79 J	13.5	9.517	13.5	Non-Parametric	6300	MCL
Carbon Disulfide	µg/L	74	1	0.18 (RL)	10 (RL)	1.387	9.398	Non-Parametric	700	IA SWS

Intrawell Background/GWPS (Phase II: MW-67) (Date range: December 2013 - October 2017)

Constituent	Units	Samples	Detections	Min	Max	Mean	Background Level	Type of Statistical Prediction Limit	GWPS	Source
Inorganics										
Arsenic	mg/L	12	2	0.000573 J	0.002 (RL)	0.001452	0.002	Non-Parametric	0.01	MCL
Barium	mg/L	12	12	0.0369	0.0795	0.05176	0.06725	Parametric	2	MCL
Cadmium	mg/L	12	4	0.000106 J	0.0005 (RL)	0.0004024	0.0005	Non-Parametric	0.005	MCL
Cobalt	mg/L	12	5	0.000028 J	0.00241 (RL)	0.001146	0.00241	Non-Parametric	0.0137	SS
Copper	mg/L	12	3	0.000776 J	0.02 (RL)	0.008925	0.02	Non-Parametric	1.3	MCL
Lead	mg/L	12	1	0.000325 J	0.004 (RL)	0.002235	0.004	Non-Parametric	0.015	MCL
Nickel	mg/L	12	12	0.00113 J	0.05 (RL)	0.01215	0.02802	Parametric	0.1	IA SWS
Zinc	mg/L	12	3	0.00733 J	0.16	0.04203	0.16	Non-Parametric	2	IA SWS

Intrawell Background/GWPS (Phase II: MW-B) (Date range: December 2008 - April 2017)

Constituent	Units	Samples	Detections	Min	Max	Mean	Background Level	Type of Statistical Prediction Limit	GWPS	Source
Inorganics										
Barium	mg/L	20	20	0.0404	0.118	0.05843	0.07916	Parametric	2	MCL
Cadmium	mg/L	17	8	0.000049 J	0.00053	0.0004412	0.00053	Non-Parametric	0.005	MCL
Cobalt	mg/L	21	11	0.000347 J	0.0248	0.007756	0.0248	Non-Parametric	0.0137	SS
Copper	mg/L	20	11	0.00223	0.0374	0.01579	0.02311	Parametric	1.3	MCL
Lead	mg/L	20	8	0.000159 J	0.0283	0.005216	0.0283	Non-Parametric	0.015	MCL
Nickel	mg/L	20	6	0.00208 J	0.05 (RL)	0.03725	0.05	Non-Parametric	0.1	IA SWS
Vanadium	mg/L	20	5	0.000369 J	0.05 (RL)	0.03772	0.05	Non-Parametric	0.035	IA SWS
Zinc	mg/L	20	14	0.00605	0.166	0.05454	0.124	Parametric	2	IA SWS
Organics										
Acetone	µg/L	20	1	4.88 J	10 (RL)	9.744	10	Non-Parametric	6300	MCL

Intrawell Background/GWPS (Phase II: MW-C) (Date range: November 2010 - March 2020)

Constituent	Units	Samples	Detections	Min	Max	Mean	Background Level	Type of Statistical Prediction Limit	GWPS	Source
Inorganics										
Arsenic	mg/L	24	4	0.000689 J	0.002	0.001338	0.002	Non-Parametric	0.01	MCL
Barium	mg/L	24	24	0.169	0.651	0.485	0.6034	Parametric	2	MCL
Cobalt	mg/L	26	11	0.00005 J	0.00676	0.001401	0.00676	Non-Parametric	0.0137	SS
Lead	mg/L	24	6	0.000276 J	0.004 (RL)	0.002306	0.004	Non-Parametric	0.015	MCL
Sulfide	mg/L	3	2	0.255 J	1 (RL)	0.6483	Insufficient Data		Not Established	
Organics										
alpha-BHC	µg/L	3	1	0.00227 J	0.0348 (RL)	0.02346	Insufficient Data		0.028	IA SWS
4,4'-DDD	µg/L	3	1	0.00219 J	0.0348 (RL)	0.02343	Insufficient Data		0.73	IA SWS
Carbon disulfide	µg/L	24	1	0.3745 J	2 (RL)	1.016	2	Non-Parametric	700	IA SWS

Table 5
Background and GWPS Summary
2024 Annual Water Quality Report
Phase II MSWLF and CWTS
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Intrawell Background/GWPS (Former CWTS: MW-37) (Date range: August 2009 - March 2020)

Constituent	Units	Samples	Detections	Min	Max	Mean	Background Level	Type of Statistical Prediction Limit	GWPS	Source
Inorganics										
Arsenic	mg/L	25	10	0.000596 J	0.003 (RL)	0.001547	0.003	Non-Parametric	0.01	MCL
Barium	mg/L	25	25	0.02065	0.47	0.2172	0.3662	Parametric	2	MCL
Cadmium	mg/L	25	7	0.0000925 J	0.0005 (RL)	0.0004043	0.0005	Non-Parametric	0.005	MCL
Cobalt	mg/L	25	14	0.000383 J	0.02 (RL)	0.004164	0.02	Non-Parametric	0.0137	SS
Copper	mg/L	25	7	0.00206	0.02 (RL)	0.01182	0.02	Non-Parametric	1.3	MCL
Lead	mg/L	25	12	0.0005 (RL)	0.004025	0.002681	0.004025	Non-Parametric	0.015	MCL
Nickel	mg/L	25	10	0.00166 J	0.05 (RL)	0.02752	0.05	Non-Parametric	0.1	IA SWS
Vanadium	mg/L	25	8	0.00103	0.05 (RL)	0.02587	0.05	Non-Parametric	0.035	IA SWS
Zinc	mg/L	25	14	0.00986 J	0.1015	0.02604	0.0889	Non-Parametric	2	IA SWS

Interwell Background/GWPS (Former CWTS: MW-49R)

Constituent	Units	Samples	Detections	Min	Max	Mean	Background Level	Type of Statistical Prediction Limit	GWPS	Source
Inorganics										
Arsenic	mg/L	10	4	0.000711 J	0.002 (RL)	0.00164	0.002	Non-Parametric	0.01	MCL
Barium	mg/L	10	10	0.124	0.294	0.2038	0.2888	Parametric	2	MCL
Cadmium	mg/L	10	1	0.0001	0.0005 (RL)	0.0003106	0.0005	Non-Parametric	0.005	MCL
Chromium	mg/L	10	5	0.00155 J	0.005 (RL)	0.003973	0.003794	Parametric	0.1	MCL
Cobalt	mg/L	10	8	0.000263 J	0.0011	0.0005901	0.0009019	Parametric	0.0137	SS
Copper	mg/L	10	4	0.00218	0.00506	0.004441	0.00506	Non-Parametric	1.3	MCL
Lead	mg/L	10	8	0.000135 J	0.00138	0.0006555	0.001273	Parametric	0.015	MCL
Nickel	mg/L	10	4	0.00151 J	0.00544	0.004272	0.00544	Non-Parametric	0.1	IA SWS
Zinc	mg/L	10	2	0.0133 J	0.02 (RL)	0.01926	0.02	Non-Parametric	2	IA SWS
Organics - Appendix I										
Acetone	µg/L	11	1	3.13 J	10 (RL)	9.375	10	Non-Parametric	6300	MCL

Notes:

- A "J" qualifier indicates the result is less than the reporting limit but greater than or equal to the method detection limit; the concentration is considered an approximate value.
- RL: reporting limit
- GWPS Source Acronyms: MCL - EPA Maximum Contaminant Level; SS - Site Specific; IA SWS - Iowa Statewide Standard

Comments:

Typically, detected constituents from monitoring points GU-3, GU-4, and GU-5 are analyzed using interwell prediction limits. Each of the prediction limits (i.e., background levels) were calculated via non-parametric statistics. Non-parametric prediction limits are set as the highest value in the background dataset. Background data from GU-3BG, GU-4BG, and GU-5BG were pooled together to develop the interwell prediction limits. The background levels for each constituent were not greater than the groundwater protection standards (GWPS), with the exceptions of arsenic, cadmium, cobalt, lead, nickel, selenium, thallium, and vanadium. Due to either consistently low concentrations and/or low detection frequencies in the background dataset, the highest value was a non-detect result reported at the RL for the following constituents: arsenic, cadmium, chromium, selenium, thallium, and vanadium.

Detected constituents during the fall 2024 sampling event from Phase II MSWLF unit detection monitoring wells MW-67, MW-B, and MW-C were analyzed using intrawell prediction limits. The following background data periods were utilized to calculate the intrawell prediction limits (i.e., background levels): MW-67 data from December 2013 to October 2017, MW-B data from December 2008 to April 2017, and MW-C data from November 2010 to March 2020. The intrawell prediction limits for MW-67, MW-B, and MW-C were not greater than the GWPS, with the exception of cobalt, lead, and vanadium at MW-B. Due to either consistently low concentrations and/or low detection frequencies in the background dataset, the highest value was a non-detect result reported at the RL for the following constituents: arsenic, cadmium, cobalt, copper, lead and nickel at MW-67 and nickel and vanadium at MW-B.

Detected constituents during the fall 2024 sampling event from former CWTS detection monitoring well MW-37 were analyzed using intrawell prediction limits. MW-37 data from August 2009 to March 2020 were utilized to calculate the intrawell prediction limits (i.e., background levels). The intrawell prediction limits for MW-37 were not greater than the GWPS, with the exception of cobalt and vanadium. Due to either consistently low concentrations and/or low detection frequencies in the background dataset, the highest value was a non-detect result reported at the RL for the following constituents: arsenic, cadmium, cobalt, copper, nickel, and vanadium.

Detected constituents during the fall 2024 sampling event from former CWTS detection monitoring well MW-66 were analyzed using interwell prediction limits. Former CWTS background monitoring well MW-49R is currently used for the interwell background database. Prior to the fall 2022 monitoring event, former background monitoring well MW-35R was utilized for interwell statistical evaluations. The interwell prediction limits were not greater than the GWPSs. Due to either consistently low concentrations and/or low detection frequencies in the background dataset, the highest value was a non-detect result reported at the RL for acetone, arsenic, cadmium, chromium, and zinc.

The Phase II MSWLF unit and former CWTS monitoring networks were assigned a site-specific GWPS for cobalt (0.0137 mg/L) due to naturally high levels of cobalt detected site wide.

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Table 6
Summary of Well/Detected Constituent Pairs With No Previous SSIs
2024 Annual Water Quality Report
MPE Phase II MSWLF and CWTS
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Monitoring Point	Constituent	Units	Most Recent Result (Fall 2024)	Background Standard
Phase II MSWLF Unit				
MW-67	Barium	mg/L	0.0340	0.06725
	Cobalt	mg/L	0.000745	0.00241
	Nickel	mg/L	0.00789	0.02802
	TSS	mg/L	6.00	N/A
MW-B	Barium	mg/L	0.0443	0.07916
	Cobalt	mg/L	0.000257 J	0.0248
	TSS	mg/L	3.00	N/A
MW-C	Arsenic	mg/L	0.00150 J	0.002
	Barium	mg/L	0.273	0.6034
	Cobalt	mg/L	0.000177 J	0.00676
	TSS	mg/L	9.20	N/A
MW-E	Arsenic	mg/L	0.00139 J	N/E
	Barium	mg/L	0.596	N/E
	Cadmium	mg/L	0.000130 J	N/E
	Cobalt	mg/L	0.000652	N/E
	Lead	mg/L	0.000348 J	N/E
	TSS	mg/L	14.1	N/E
GU-3	Arsenic	mg/L	0.00281	0.08
	Barium	mg/L	0.0839	1.85
	Cadmium	mg/L	0.000414	0.02
	Chromium	mg/L	0.0114	0.06
	Cobalt	mg/L	0.00196	0.0833
	Copper	mg/L	0.00507	0.06
	Lead	mg/L	0.000764	0.0257
	Nickel	mg/L	0.0342	0.196
	Vanadium	mg/L	0.00365 J	0.15
	Zinc	mg/L	3.05	0.456
	TSS	mg/L	29.6	N/A
GU-4	Arsenic	mg/L	0.00102 J	0.08
	Barium	mg/L	0.0745	1.85
	Cobalt	mg/L	0.00525	0.0833
	Nickel	mg/L	0.0106	0.196

Table 6
Summary of Well/Detected Constituent Pairs With No Previous SSIs
2024 Annual Water Quality Report
MPE Phase II MSWLF and CWTS
Permit No. 77-SDP-01-72P

Monitoring Point	Constituent	Units	Most Recent Result (Fall 2024)	Background Standard
Phase II MSWLF Unit				
GU-5	Arsenic	mg/L	0.00767	0.08
	Barium	mg/L	0.0579	1.85
	Cobalt	mg/L	0.00526	0.0833
	TSS	mg/L	40.5	N/A
GU-18	No sample collected (Underdrain was not discharging).			
CWTS				
MW-37	Arsenic	mg/L	0.00182 J	0.003
	Barium	mg/L	0.0771	0.3662
	Cobalt	mg/L	0.000770	0.02
	TSS	mg/L	8.80	N/A
MW-66	Arsenic	mg/L	0.000971 J	0.002
	Barium	mg/L	0.0238	0.2888
	Cobalt	mg/L	0.000204 J	0.0009019
UO-4	No sample collected (Underdrain was not discharging).			

Comments:

- 1) This table includes a summary of detected constituents during the fall 2024 sampling event under the detection monitoring program for the Phase II MSWLF unit and the Former CWTS.
- 2) A "J" qualifer indicates the result is less than the reporting limit but greater than or equal to the method detection limit; the concentration is considered an approximate value.
- 3) Monitoring well MW-E was installed in 2023 with the first groundwater sampling event conducted in September 2023. The background database is being established for monitoring well MW-E and background standards have not been calculated at this time.
- 4) N/A = Not Applicable
- 5) N/E = Not Established
- 6) RL = Reporting Limit
- 7) **Bolded** and underlined concentrations indicate a value that exceeds a background standard (i.e., UPLs).

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Table 7
Summary of Ongoing and Newly Identified SSIs
2024 Annual Water Quality Report
MPE Phase II MSWLF and CWTS
Permit No. 77-SDP-01-72P

Well	Constituent	Units	Most recent result (Fall 2024)	Background Standard ¹	Lower Confidence Limit	GWPS
Phase II MSWLF Unit						
GU-3	Zinc	mg/L	3.05*	0.456	0.02227	2
CWTS						
N/A - There were no SSIs identified during the 2024 fall semiannual sampling event.						

Comments:

¹ Background standard for inorganic constituents is the calculated Upper Prediction Limit (UPL).

Notes:

mg/L = milligrams per liter

*Current result is above Background Standard, if confirmed by next sample, an SSI will be identified.

**Current result is below background, if confirmed by next sample, SSI will be terminated.

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Table 8
Summary of Ongoing and Newly Identified SSLs
2024 Annual Water Quality Report
Phase II MSWLF and CWTS
Permit No. 77-SDP-01-72P

Well	Constituent	Units	Most recent result	Upper Confidence Limit	GWPS	Initial Exceedance	Consecutive Compliance Dates		
							1st Occurrence	Most Recent	Duration
Phase II MSWLF Unit									
GU-3	(none)								
CWTS									
N/A - All wells are in detection monitoring, and therefore an SSL evaluation was not conducted.									

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Table 9A
Analytical Data Summary - Phase II MSWLF
2024 Annual Water Quality Report
Phase II MSWLF and CWTS
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Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-26	u	Antimony	7440-36-0	mg/L	4/6/2007	0.006	n/a	ND	
MW-26	u	Arsenic	7440-38-2	mg/L	4/6/2007	0.001	n/a	ND	
MW-26	u	Barium	7440-39-3	mg/L	4/6/2007	n/a	n/a		0.302
MW-26	u	Beryllium	7440-41-7	mg/L	4/6/2007	0.001	n/a	ND	
MW-26	u	Cadmium	7440-43-9	mg/L	4/6/2007	0.0005	n/a	ND	
MW-26	u	Chromium	7440-47-3	mg/L	4/6/2007	0.02	n/a	ND	
MW-26	u	Cobalt	7440-48-4	mg/L	4/6/2007	0.02	n/a	ND	
MW-26	u	Copper	7440-50-8	mg/L	4/6/2007	0.02	n/a	ND	
MW-26	u	Lead	7439-92-1	mg/L	4/6/2007	0.004	n/a	ND	
MW-26	u	Nickel	7440-02-0	mg/L	4/6/2007	0.05	n/a	ND	
MW-26	u	Selenium	7782-49-2	mg/L	4/6/2007	0.005	n/a	ND	
MW-26	u	Silver	7440-22-4	mg/L	4/6/2007	0.02	n/a	ND	
MW-26	u	Thallium	7440-28-0	mg/L	4/6/2007	0.002	n/a	ND	
MW-26	u	Vanadium	7440-62-2	mg/L	4/6/2007	0.05	n/a	ND	
MW-26	u	Zinc	7440-66-6	mg/L	4/6/2007	n/a	n/a		0.0202
MW-26	u	Mercury	7439-97-6	mg/L	4/6/2007	0.0002	n/a	ND	
MW-26	u	Tin	7440-31-5	mg/L	4/6/2007	n/a	n/a		0.167
MW-26	u	Acetone	67-64-1	ug/L	4/6/2007	50	n/a	ND	
MW-26	u	Acrylonitrile	107-13-1	ug/L	4/6/2007	10	n/a	ND	
MW-26	u	Benzene	71-43-2	ug/L	4/6/2007	1	n/a	ND	
MW-26	u	Bromochloromethane	74-97-5	ug/L	4/6/2007	1	n/a	ND	
MW-26	u	Bromodichloromethane	75-27-4	ug/L	4/6/2007	1	n/a	ND	
MW-26	u	Bromoform	75-25-2	ug/L	4/6/2007	1	n/a	ND	
MW-26	u	Carbon disulfide	75-15-0	ug/L	4/6/2007	1	n/a	ND	
MW-26	u	Carbon Tetrachloride	56-23-5	ug/L	4/6/2007	1	n/a	ND	
MW-26	u	Chlorobenzene	108-90-7	ug/L	4/6/2007	1	n/a	ND	
MW-26	u	Chloroethane	75-00-3	ug/L	4/6/2007	1	n/a	ND	
MW-26	u	Chloroform	67-66-3	ug/L	4/6/2007	1	n/a	ND	
MW-26	u	Chlorodibromomethane	124-48-1	ug/L	4/6/2007	1	n/a	ND	
MW-26	u	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	4/6/2007	5	n/a	ND	
MW-26	u	1,2-Dibromoethane [EDB]	106-93-4	ug/L	4/6/2007	1	n/a	ND	
MW-26	u	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	4/6/2007	5	n/a	ND	
MW-26	u	1,1-Dichloroethane	75-34-3	ug/L	4/6/2007	1	n/a	ND	
MW-26	u	1,2-Dichloroethane	107-06-2	ug/L	4/6/2007	1	n/a	ND	
MW-26	u	1,1-Dichloroethene	75-35-4	ug/L	4/6/2007	1	n/a	ND	
MW-26	u	cis-1,2-Dichloroethene	156-59-2	ug/L	4/6/2007	1	n/a	ND	
MW-26	u	trans-1,2-Dichloroethene	156-60-5	ug/L	4/6/2007	1	n/a	ND	
MW-26	u	1,2-Dichloropropane	78-87-5	ug/L	4/6/2007	1	n/a	ND	
MW-26	u	cis-1,3-Dichloropropene	10061-01-5	ug/L	4/6/2007	1	n/a	ND	
MW-26	u	trans-1,3-Dichloropropene	10061-02-6	ug/L	4/6/2007	1	n/a	ND	
MW-26	u	1,2-Dichlorobenzene	95-50-1	ug/L	4/6/2007	1	n/a	ND	
MW-26	u	1,4-Dichlorobenzene	106-46-7	ug/L	4/6/2007	1	n/a	ND	
MW-26	u	Ethylbenzene	100-41-4	ug/L	4/6/2007	1	n/a	ND	
MW-26	u	2-Hexanone	591-78-6	ug/L	4/6/2007	50	n/a	ND	
MW-26	u	Bromomethane	74-83-9	ug/L	4/6/2007	1	n/a	ND	
MW-26	u	Chloromethane	74-87-3	ug/L	4/6/2007	1	n/a	ND	
MW-26	u	2-Butanone	78-93-3	ug/L	4/6/2007	50	n/a	ND	
MW-26	u	Iodomethane	74-88-4	ug/L	4/6/2007	10	n/a	ND	
MW-26	u	4-Methyl-2-pentanone	108-10-1	ug/L	4/6/2007	10	n/a	ND	
MW-26	u	Methylene Bromide	74-95-3	ug/L	4/6/2007	1	n/a	ND	
MW-26	u	Methylene Chloride	75-09-2	ug/L	4/6/2007	5	n/a	ND	
MW-26	u	Styrene	100-42-5	ug/L	4/6/2007	1	n/a	ND	
MW-26	u	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	4/6/2007	1	n/a	ND	
MW-26	u	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	4/6/2007	1	n/a	ND	
MW-26	u	Tetrachloroethene	127-18-4	ug/L	4/6/2007	1	n/a	ND	
MW-26	u	Toluene	108-88-3	ug/L	4/6/2007	1	n/a	ND	
MW-26	u	1,1,1-Trichloroethane	71-55-6	ug/L	4/6/2007	1	n/a	ND	
MW-26	u	1,1,2-Trichloroethane	79-00-5	ug/L	4/6/2007	1	n/a	ND	
MW-26	u	Trichloroethene	79-01-6	ug/L	4/6/2007	1	n/a	ND	
MW-26	u	Trichlorofluoromethane	75-69-4	ug/L	4/6/2007	1	n/a	ND	
MW-26	u	1,2,3-Trichloropropane	96-18-4	ug/L	4/6/2007	1	n/a	ND	
MW-26	u	Vinyl acetate	108-05-4	ug/L	4/6/2007	10	n/a	ND	
MW-26	u	Vinyl chloride	75-01-4	ug/L	4/6/2007	1	n/a	ND	
MW-26	u	Xylenes, total	1330-20-7	ug/L	4/6/2007	3	n/a	ND	
MW-26	u	Acrolein	107-02-8	ug/L	4/6/2007	50	n/a	ND	
MW-26	u	3-Chloropropene	107-05-1	ug/L	4/6/2007	2	n/a	ND	
MW-26	u	Chloroprene	126-99-8	ug/L	4/6/2007	5	n/a	ND	
MW-26	u	Dichlorodifluoromethane	75-71-8	ug/L	4/6/2007	1	n/a	ND	
MW-26	u	1,3-Dichloropropane	142-28-9	ug/L	4/6/2007	1	n/a	ND	
MW-26	u	2,2-Dichloropropane	594-20-7	ug/L	4/6/2007	1	n/a	ND	
MW-26	u	1,1-Dichloropropene	563-58-6	ug/L	4/6/2007	1	n/a	ND	
MW-26	u	1,3-Dichlorobenzene	541-73-1	ug/L	4/6/2007	1	n/a	ND	
MW-26	u	Ethyl Methacrylate	97-63-2	ug/L	4/6/2007	10	n/a	ND	
MW-26	u	Methacrylonitrile	126-98-7	ug/L	4/6/2007	20	n/a	ND	
MW-26	u	Methyl Methacrylate	80-62-6	ug/L	4/6/2007	5	n/a	ND	

Table 9A
Analytical Data Summary - Phase II MSWLF
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Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-26	u	Naphthalene	91-20-3	ug/L	4/6/2007	10.5	n/a	ND	
MW-26	u	Propionitrile	107-12-0	ug/L	4/6/2007	20	n/a	ND	
MW-26	u	1,2,4-Trichlorobenzene	120-82-1	ug/L	4/6/2007	10.5	n/a	ND	
MW-26	u	Acenaphthene	83-32-9	ug/L	4/6/2007	10.5	n/a	ND	
MW-26	u	Acenaphthylene	208-96-8	ug/L	4/6/2007	10.5	n/a	ND	
MW-26	u	Acetophenone	98-86-2	ug/L	4/6/2007	10.5	n/a	ND	
MW-26	u	2-Acetylaminofluorene	53-96-3	ug/L	4/6/2007	10.5	n/a	ND	
MW-26	u	4-Aminobiphenyl	92-67-1	ug/L	4/6/2007	10.5	n/a	ND	
MW-26	u	Anthracene	120-12-7	ug/L	4/6/2007	10.5	n/a	ND	
MW-26	u	Benzo [a] anthracene	56-55-3	ug/L	4/6/2007	10.5	n/a	ND	
MW-26	u	Benzo [b] fluoranthene	205-99-2	ug/L	4/6/2007	10.5	n/a	ND	
MW-26	u	Benzo [k] fluoranthene	207-08-9	ug/L	4/6/2007	10.5	n/a	ND	
MW-26	u	Benzo [g,h,i] perylene	191-24-2	ug/L	4/6/2007	10.5	n/a	ND	
MW-26	u	Benzo [a] pyrene	50-32-8	ug/L	4/6/2007	10.5	n/a	ND	
MW-26	u	Benzyl alcohol	100-51-6	ug/L	4/6/2007	52.4	n/a	ND	
MW-26	u	Bis[2-chloroethoxy]methane	111-91-1	ug/L	4/6/2007	10.5	n/a	ND	
MW-26	u	Bis[2-chloroethyl]ether	111-44-4	ug/L	4/6/2007	10.5	n/a	ND	
MW-26	u	Bis[2-chloroisopropyl]ether	108-60-1	ug/L	4/6/2007	10.5	n/a	ND	
MW-26	u	Bis[2-ethylhexyl]phthalate	117-81-7	ug/L	4/6/2007	10.5	n/a	ND	
MW-26	u	4-Bromophenyl phenyl ether	101-55-3	ug/L	4/6/2007	10.5	n/a	ND	
MW-26	u	Butyl benzyl phthalate	85-68-7	ug/L	4/6/2007	10.5	n/a	ND	
MW-26	u	4-Chloroaniline	106-47-8	ug/L	4/6/2007	10.5	n/a	ND	
MW-26	u	Chlorobenzilate	510-15-6	ug/L	4/6/2007	52.4	n/a	ND	
MW-26	u	4-Chloro-3-methylphenol	59-50-7	ug/L	4/6/2007	10.5	n/a	ND	
MW-26	u	2-Chloronaphthalene	91-58-7	ug/L	4/6/2007	10.5	n/a	ND	
MW-26	u	2-Chlorophenol	95-57-8	ug/L	4/6/2007	10.5	n/a	ND	
MW-26	u	4-Chlorophenyl phenyl ether	7005-72-3	ug/L	4/6/2007	10.5	n/a	ND	
MW-26	u	Chrysene	218-01-9	ug/L	4/6/2007	10.5	n/a	ND	
MW-26	u	3/4-Methylphenol	T-34MP	ug/L	4/6/2007	10.5	n/a	ND	
MW-26	u	2-Methylphenol	95-48-7	ug/L	4/6/2007	10.5	n/a	ND	
MW-26	u	Diallate [cis or trans]	2303-16-4	ug/L	4/6/2007	52.4	n/a	ND	
MW-26	u	Dibenz [a,h] anthracene	53-70-3	ug/L	4/6/2007	10.5	n/a	ND	
MW-26	u	Dibenzofuran	132-64-9	ug/L	4/6/2007	10.5	n/a	ND	
MW-26	u	Di-n-butyl phthalate	84-74-2	ug/L	4/6/2007	10.5	n/a	ND	
MW-26	u	3,3-Dichlorobenzidine	91-94-1	ug/L	4/6/2007	10.5	n/a	ND	
MW-26	u	2,4-Dichlorophenol	120-83-2	ug/L	4/6/2007	10.5	n/a	ND	
MW-26	u	2,6-Dichlorophenol	87-65-0	ug/L	4/6/2007	20.9	n/a	ND	
MW-26	u	Diethyl phthalate	84-66-2	ug/L	4/6/2007	10.5	n/a	ND	
MW-26	u	Thionazin	297-97-2	ug/L	4/6/2007	10.5	n/a	ND	
MW-26	u	7,12-Dimethylbenz [a] anthracene	57-97-6	ug/L	4/6/2007	10.5	n/a	ND	
MW-26	u	Dimethoate	60-51-5	ug/L	4/6/2007	10.5	n/a	ND	
MW-26	u	Dimethylaminoazobenzene	60-11-7	ug/L	4/6/2007	10.5	n/a	ND	
MW-26	u	3,3-Dimethylbenzidine	119-93-7	ug/L	4/6/2007	52.4	n/a	ND	
MW-26	u	2,4-Dimethylphenol	105-67-9	ug/L	4/6/2007	10.5	n/a	ND	
MW-26	u	Dimethyl phthalate	131-11-3	ug/L	4/6/2007	10.5	n/a	ND	
MW-26	u	1,3-Dinitrobenzene	99-65-0	ug/L	4/6/2007	10.5	n/a	ND	
MW-26	u	4,6-Dinitro-2-methylphenol	534-52-1	ug/L	4/6/2007	26.2	n/a	ND	
MW-26	u	2,4-Dinitrophenol	51-28-5	ug/L	4/6/2007	26.2	n/a	ND	
MW-26	u	2,4-Dinitrotoluene	121-14-2	ug/L	4/6/2007	10.5	n/a	ND	
MW-26	u	2,6-Dinitrotoluene	606-20-2	ug/L	4/6/2007	10.5	n/a	ND	
MW-26	u	Di-n-octyl phthalate	117-84-0	ug/L	4/6/2007	10.5	n/a	ND	
MW-26	u	Diphenylamine	122-39-4	ug/L	4/6/2007	10.5	n/a	ND	
MW-26	u	Disulfoton	298-04-4	ug/L	4/6/2007	0.5	n/a	ND	
MW-26	u	Ethyl Methanesulfonate	62-50-0	ug/L	4/6/2007	10.5	n/a	ND	
MW-26	u	Famphur	52-85-7	ug/L	4/6/2007	10.5	n/a	ND	
MW-26	u	Fluoranthene	206-44-0	ug/L	4/6/2007	10.5	n/a	ND	
MW-26	u	Fluorene	86-73-7	ug/L	4/6/2007	10.5	n/a	ND	
MW-26	u	Hexachlorobenzene	118-74-1	ug/L	4/6/2007	10.5	n/a	ND	
MW-26	u	Hexachlorobutadiene	87-68-3	ug/L	4/6/2007	10.5	n/a	ND	
MW-26	u	Hexachlorocyclopentadiene	77-47-4	ug/L	4/6/2007	10.5	n/a	ND	
MW-26	u	Hexachloroethane	67-72-1	ug/L	4/6/2007	10.5	n/a	ND	
MW-26	u	Hexachloropropene	1888-71-7	ug/L	4/6/2007	10.5	n/a	ND	
MW-26	u	Indeno [1,2,3-cd] pyrene	193-39-5	ug/L	4/6/2007	10.5	n/a	ND	
MW-26	u	Isodrin	465-73-6	ug/L	4/6/2007	10.5	n/a	ND	
MW-26	u	Isophorone	78-59-1	ug/L	4/6/2007	10.5	n/a	ND	
MW-26	u	Isosafrole	120-58-1	ug/L	4/6/2007	52.4	n/a	ND	
MW-26	u	Kepone	143-50-0	ug/L	4/6/2007	10.5	n/a	ND	
MW-26	u	Methapyrilene	91-80-5	ug/L	4/6/2007	52.4	n/a	ND	
MW-26	u	3-Methylcholanthrene	56-49-5	ug/L	4/6/2007	10.5	n/a	ND	
MW-26	u	Methyl Methanesulfonate	66-27-3	ug/L	4/6/2007	10.5	n/a	ND	
MW-26	u	2-Methylnaphthalene	91-57-6	ug/L	4/6/2007	10.5	n/a	ND	
MW-26	u	Parathion-methyl	298-00-0	ug/L	4/6/2007	10.5	n/a	ND	
MW-26	u	1,4-Naphthoquinone	130-15-4	ug/L	4/6/2007	10.5	n/a	ND	
MW-26	u	1-Naphthylamine	134-32-7	ug/L	4/6/2007	10.5	n/a	ND	
MW-26	u	2-Naphthylamine	91-59-8	ug/L	4/6/2007	10.5	n/a	ND	

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Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-26	u	2-Nitroaniline	88-74-4	ug/L	4/6/2007	26.2	n/a	ND	
MW-26	u	3-Nitroaniline	99-09-2	ug/L	4/6/2007	26.2	n/a	ND	
MW-26	u	4-Nitroaniline	100-01-6	ug/L	4/6/2007	26.2	n/a	ND	
MW-26	u	Nitrobenzene	98-95-3	ug/L	4/6/2007	10.5	n/a	ND	
MW-26	u	2-Nitrophenol	88-75-5	ug/L	4/6/2007	10.5	n/a	ND	
MW-26	u	4-Nitrophenol	100-02-7	ug/L	4/6/2007	26.2	n/a	ND	
MW-26	u	N-Nitrosodi-n-butylamine	924-16-3	ug/L	4/6/2007	10.5	n/a	ND	
MW-26	u	N-Nitrosodiethylamine	55-18-5	ug/L	4/6/2007	10.5	n/a	ND	
MW-26	u	N-Nitrosodimethylamine	62-75-9	ug/L	4/6/2007	10.5	n/a	ND	
MW-26	u	N-Nitrosodiphenylamine	86-30-6	ug/L	4/6/2007	10.5	n/a	ND	
MW-26	u	N-Nitrosodi-n-propylamine	621-64-7	ug/L	4/6/2007	10.5	n/a	ND	
MW-26	u	N-Nitrosomethylethylamine	10595-95-6	ug/L	4/6/2007	10.5	n/a	ND	
MW-26	u	N-Nitrosopiperidine	100-75-4	ug/L	4/6/2007	10.5	n/a	ND	
MW-26	u	N-Nitrosopyrrolidine	930-55-2	ug/L	4/6/2007	10.5	n/a	ND	
MW-26	u	5-Nitro-o-tolidine	99-55-8	ug/L	4/6/2007	10.5	n/a	ND	
MW-26	u	Parathion-ethyl	56-38-2	ug/L	4/6/2007	10.5	n/a	ND	
MW-26	u	Pentachlorobenzene	608-93-5	ug/L	4/6/2007	10.5	n/a	ND	
MW-26	u	Pentachloronitrobenzene	82-68-8	ug/L	4/6/2007	10.5	n/a	ND	
MW-26	u	Pentachlorophenol [2C]	87-86-5	ug/L	4/6/2007	13.15	n/a	ND	
MW-26	u	Phenacetin	62-44-2	ug/L	4/6/2007	10.5	n/a	ND	
MW-26	u	Phenanthrene	85-01-8	ug/L	4/6/2007	10.5	n/a	ND	
MW-26	u	Phenol	108-95-2	ug/L	4/6/2007	10.5	n/a	ND	
MW-26	u	1,4-Phenylenediamine	106-50-3	ug/L	4/6/2007	52.4	n/a	ND	
MW-26	u	Phorate	298-02-2	ug/L	4/6/2007	1.2	n/a	ND	
MW-26	u	Pronamide	23950-58-5	ug/L	4/6/2007	10.5	n/a	ND	
MW-26	u	Pyrene	129-00-0	ug/L	4/6/2007	10.5	n/a	ND	
MW-26	u	Safrole	94-59-7	ug/L	4/6/2007	10.5	n/a	ND	
MW-26	u	1,2,4,5-Tetrachlorobenzene	95-94-3	ug/L	4/6/2007	10.5	n/a	ND	
MW-26	u	2,3,4,6-Tetrachlorophenol	58-90-2	ug/L	4/6/2007	10.5	n/a	ND	
MW-26	u	o-Tolidine	95-53-4	ug/L	4/6/2007	10.5	n/a	ND	
MW-26	u	2,4,5-Trichlorophenol	95-95-4	ug/L	4/6/2007	26.2	n/a	ND	
MW-26	u	2,4,6-Trichlorophenol	88-06-2	ug/L	4/6/2007	10.5	n/a	ND	
MW-26	u	O,O,O-Triethyl phosphorothioate	126-68-1	ug/L	4/6/2007	10.5	n/a	ND	
MW-26	u	1,3,5-Trinitrobenzene	99-35-4	ug/L	4/6/2007	10.5	n/a	ND	
MW-26	u	Pentachloroethane	76-01-7	ug/L	4/6/2007	10.5	n/a	ND	
MW-26	u	Dinoseb	88-85-7	ug/L	4/6/2007	10.5	n/a	ND	
MW-26	u	Acetonitrile	75-05-8	ug/L	4/6/2007	20	n/a	ND	
MW-26	u	Isobutanol	78-83-1	mg/L	4/6/2007	15.03	n/a	ND	
MW-26	u	PCB-1016	12674-11-2	ug/L	4/6/2007	0.8	n/a	ND	
MW-26	u	PCB-1221	11104-28-2	ug/L	4/6/2007	0.8	n/a	ND	
MW-26	u	PCB-1232	11141-16-5	ug/L	4/6/2007	0.8	n/a	ND	
MW-26	u	PCB-1242	53469-21-9	ug/L	4/6/2007	0.8	n/a	ND	
MW-26	u	PCB-1248	12672-29-6	ug/L	4/6/2007	0.8	n/a	ND	
MW-26	u	PCB-1254	11097-69-1	ug/L	4/6/2007	0.8	n/a	ND	
MW-26	u	PCB-1260	11096-82-5	ug/L	4/6/2007	0.8	n/a	ND	
MW-26	u	PCB-1268	11100-14-4	ug/L	4/6/2007	0.8	n/a	ND	
MW-26	u	Cyanide	57-12-5	mg/L	4/6/2007	0.01	n/a	ND	
MW-26	u	Sulfide	18496-25-8	mg/L	4/6/2007	n/a	n/a		1.34
MW-26	u	2,4-D [2C]	94-75-7	ug/L	4/6/2007	0.105	n/a	ND	
MW-26	u	2,4,5-TP [Silvex] [2C]	93-72-1	ug/L	4/6/2007	0.105	n/a	ND	
MW-26	u	2,4,5-T [2C]	93-76-5	ug/L	4/6/2007	0.105	n/a	ND	
MW-26	u	alpha-BHC	319-84-6	ug/L	4/6/2007	n/a	n/a		0.12
MW-26	u	beta-BHC	319-85-7	ug/L	4/6/2007	0.05	n/a	ND	
MW-26	u	Dieldrin	60-57-1	ug/L	4/6/2007	0.05	n/a	ND	
MW-26	u	4,4'-DDE	72-55-9	ug/L	4/6/2007	0.05	n/a	ND	
MW-26	u	Endrin	72-20-8	ug/L	4/6/2007	0.05	n/a	ND	
MW-26	u	gamma-BHC [Lindane]	58-89-9	ug/L	4/6/2007	n/a	n/a		0.32
MW-26	u	Endosulfan II	33213-65-9	ug/L	4/6/2007	0.05	n/a	ND	
MW-26	u	Heptachlor	76-44-8	ug/L	4/6/2007	0.05	n/a	ND	
MW-26	u	4,4'-DDD	72-54-8	ug/L	4/6/2007	0.05	n/a	ND	
MW-26	u	Aldrin	309-00-2	ug/L	4/6/2007	0.05	n/a	ND	
MW-26	u	Endosulfan sulfate	1031-07-8	ug/L	4/6/2007	0.05	n/a	ND	
MW-26	u	Heptachlor epoxide	1024-57-3	ug/L	4/6/2007	0.05	n/a	ND	
MW-26	u	4,4'-DDT	50-29-3	ug/L	4/6/2007	0.05	n/a	ND	
MW-26	u	Endosulfan I	959-98-8	ug/L	4/6/2007	0.05	n/a	ND	
MW-26	u	Methoxychlor	72-43-5	ug/L	4/6/2007	0.05	n/a	ND	
MW-26	u	Toxaphene	8001-35-2	ug/L	4/6/2007	5	n/a	ND	
MW-26	u	Endrin aldehyde	7421-93-4	ug/L	4/6/2007	0.05	n/a	ND	
MW-26	u	4-Nitroquinoline-n-oxide	56-57-5	ug/L	4/6/2007	10.5	n/a	ND	
MW-26	u	Chlordane	57-74-9	ug/L	4/6/2007	3	n/a	ND	
MW-AR	d	Antimony	7440-36-0	mg/L	4/6/2007	0.006	n/a	ND	
MW-AR	d	Arsenic	7440-38-2	mg/L	4/6/2007	0.001	n/a	ND	
MW-AR	d	Barium	7440-39-3	mg/L	4/6/2007	n/a	n/a		0.107
MW-AR	d	Beryllium	7440-41-7	mg/L	4/6/2007	0.001	n/a	ND	
MW-AR	d	Cadmium	7440-43-9	mg/L	4/6/2007	n/a	n/a		0.00384

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MW-AR	d	Chromium	7440-47-3	mg/L	4/6/2007	0.02	n/a	ND	
MW-AR	d	Cobalt	7440-48-4	mg/L	4/6/2007	0.02	n/a	ND	
MW-AR	d	Copper	7440-50-8	mg/L	4/6/2007	0.02	n/a	ND	
MW-AR	d	Lead	7439-92-1	mg/L	4/6/2007	0.004	n/a	ND	
MW-AR	d	Nickel	7440-02-0	mg/L	4/6/2007	n/a	n/a		0.0532
MW-AR	d	Selenium	7782-49-2	mg/L	4/6/2007	0.005	n/a	ND	
MW-AR	d	Silver	7440-22-4	mg/L	4/6/2007	0.02	n/a	ND	
MW-AR	d	Thallium	7440-28-0	mg/L	4/6/2007	0.002	n/a	ND	
MW-AR	d	Vanadium	7440-62-2	mg/L	4/6/2007	0.05	n/a	ND	
MW-AR	d	Zinc	7440-66-6	mg/L	4/6/2007	n/a	n/a		0.0512
MW-AR	d	Mercury	7439-97-6	mg/L	4/6/2007	0.0002	n/a	ND	
MW-AR	d	Tin	7440-31-5	mg/L	4/6/2007	n/a	n/a		0.421
MW-AR	d	Acetone	67-64-1	ug/L	4/6/2007	50	n/a	ND	
MW-AR	d	Acrylonitrile	107-13-1	ug/L	4/6/2007	10	n/a	ND	
MW-AR	d	Benzene	71-43-2	ug/L	4/6/2007	1	n/a	ND	
MW-AR	d	Bromochloromethane	74-97-5	ug/L	4/6/2007	1	n/a	ND	
MW-AR	d	Bromodichloromethane	75-27-4	ug/L	4/6/2007	1	n/a	ND	
MW-AR	d	Bromoform	75-25-2	ug/L	4/6/2007	1	n/a	ND	
MW-AR	d	Carbon disulfide	75-15-0	ug/L	4/6/2007	1	n/a	ND	
MW-AR	d	Carbon Tetrachloride	56-23-5	ug/L	4/6/2007	1	n/a	ND	
MW-AR	d	Chlorobenzene	108-90-7	ug/L	4/6/2007	1	n/a	ND	
MW-AR	d	Chloroethane	75-00-3	ug/L	4/6/2007	1	n/a	ND	
MW-AR	d	Chloroform	67-66-3	ug/L	4/6/2007	1	n/a	ND	
MW-AR	d	Chlorodibromomethane	124-48-1	ug/L	4/6/2007	1	n/a	ND	
MW-AR	d	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	4/6/2007	5	n/a	ND	
MW-AR	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	4/6/2007	1	n/a	ND	
MW-AR	d	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	4/6/2007	5	n/a	ND	
MW-AR	d	1,1-Dichloroethane	75-34-3	ug/L	4/6/2007	1	n/a	ND	
MW-AR	d	1,2-Dichloroethane	107-06-2	ug/L	4/6/2007	1	n/a	ND	
MW-AR	d	1,1-Dichloroethene	75-35-4	ug/L	4/6/2007	1	n/a	ND	
MW-AR	d	cis-1,2-Dichloroethene	156-59-2	ug/L	4/6/2007	1	n/a	ND	
MW-AR	d	trans-1,2-Dichloroethene	156-60-5	ug/L	4/6/2007	1	n/a	ND	
MW-AR	d	1,2-Dichloropropane	78-87-5	ug/L	4/6/2007	1	n/a	ND	
MW-AR	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	4/6/2007	1	n/a	ND	
MW-AR	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	4/6/2007	1	n/a	ND	
MW-AR	d	1,2-Dichlorobenzene	95-50-1	ug/L	4/6/2007	1	n/a	ND	
MW-AR	d	1,4-Dichlorobenzene	106-46-7	ug/L	4/6/2007	1	n/a	ND	
MW-AR	d	Ethylbenzene	100-41-4	ug/L	4/6/2007	1	n/a	ND	
MW-AR	d	2-Hexanone	591-78-6	ug/L	4/6/2007	50	n/a	ND	
MW-AR	d	Bromomethane	74-83-9	ug/L	4/6/2007	1	n/a	ND	
MW-AR	d	Chloromethane	74-87-3	ug/L	4/6/2007	1	n/a	ND	
MW-AR	d	2-Butanone	78-93-3	ug/L	4/6/2007	50	n/a	ND	
MW-AR	d	Iodomethane	74-88-4	ug/L	4/6/2007	10	n/a	ND	
MW-AR	d	4-Methyl-2-pentanone	108-10-1	ug/L	4/6/2007	10	n/a	ND	
MW-AR	d	Methylene Bromide	74-95-3	ug/L	4/6/2007	1	n/a	ND	
MW-AR	d	Methylene Chloride	75-09-2	ug/L	4/6/2007	5	n/a	ND	
MW-AR	d	Styrene	100-42-5	ug/L	4/6/2007	1	n/a	ND	
MW-AR	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	4/6/2007	1	n/a	ND	
MW-AR	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	4/6/2007	1	n/a	ND	
MW-AR	d	Tetrachloroethene	127-18-4	ug/L	4/6/2007	1	n/a	ND	
MW-AR	d	Toluene	108-88-3	ug/L	4/6/2007	1	n/a	ND	
MW-AR	d	1,1,1-Trichloroethane	71-55-6	ug/L	4/6/2007	1	n/a	ND	
MW-AR	d	1,1,2-Trichloroethane	79-00-5	ug/L	4/6/2007	1	n/a	ND	
MW-AR	d	Trichloroethene	79-01-6	ug/L	4/6/2007	1	n/a	ND	
MW-AR	d	Trichlorofluoromethane	75-69-4	ug/L	4/6/2007	1	n/a	ND	
MW-AR	d	1,2,3-Trichloropropane	96-18-4	ug/L	4/6/2007	1	n/a	ND	
MW-AR	d	Vinyl acetate	108-05-4	ug/L	4/6/2007	10	n/a	ND	
MW-AR	d	Vinyl chloride	75-01-4	ug/L	4/6/2007	1	n/a	ND	
MW-AR	d	Xylenes, total	1330-20-7	ug/L	4/6/2007	3	n/a	ND	
MW-AR	d	Acrolein	107-02-8	ug/L	4/6/2007	50	n/a	ND	
MW-AR	d	3-Chloropropene	107-05-1	ug/L	4/6/2007	2	n/a	ND	
MW-AR	d	Chloroprene	126-99-8	ug/L	4/6/2007	5	n/a	ND	
MW-AR	d	Dichlorodifluoromethane	75-71-8	ug/L	4/6/2007	1	n/a	ND	
MW-AR	d	1,3-Dichloropropane	142-28-9	ug/L	4/6/2007	1	n/a	ND	
MW-AR	d	2,2-Dichloropropane	594-20-7	ug/L	4/6/2007	1	n/a	ND	
MW-AR	d	1,1-Dichloropropene	563-58-6	ug/L	4/6/2007	1	n/a	ND	
MW-AR	d	1,3-Dichlorobenzene	541-73-1	ug/L	4/6/2007	1	n/a	ND	
MW-AR	d	Ethyl Methacrylate	97-63-2	ug/L	4/6/2007	10	n/a	ND	
MW-AR	d	Methacrylonitrile	126-98-7	ug/L	4/6/2007	20	n/a	ND	
MW-AR	d	Methyl Methacrylate	80-62-6	ug/L	4/6/2007	5	n/a	ND	
MW-AR	d	Naphthalene	91-20-3	ug/L	4/6/2007	10.4	n/a	ND	
MW-AR	d	Propionitrile	107-12-0	ug/L	4/6/2007	20	n/a	ND	
MW-AR	d	1,2,4-Trichlorobenzene	120-82-1	ug/L	4/6/2007	10.4	n/a	ND	
MW-AR	d	Acenaphthene	83-32-9	ug/L	4/6/2007	10.4	n/a	ND	
MW-AR	d	Acenaphthylene	208-96-8	ug/L	4/6/2007	10.4	n/a	ND	

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Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-AR	d	Acetophenone	98-86-2	ug/L	4/6/2007	10.4	n/a	ND	
MW-AR	d	2-Acetylaminofluorene	53-96-3	ug/L	4/6/2007	10.4	n/a	ND	
MW-AR	d	4-Aminobiphenyl	92-67-1	ug/L	4/6/2007	10.4	n/a	ND	
MW-AR	d	Anthracene	120-12-7	ug/L	4/6/2007	10.4	n/a	ND	
MW-AR	d	Benzo [a] anthracene	56-55-3	ug/L	4/6/2007	10.4	n/a	ND	
MW-AR	d	Benzo [b] fluoranthene	205-99-2	ug/L	4/6/2007	10.4	n/a	ND	
MW-AR	d	Benzo [k] fluoranthene	207-08-9	ug/L	4/6/2007	10.4	n/a	ND	
MW-AR	d	Benzo [g,h,i] perylene	191-24-2	ug/L	4/6/2007	10.4	n/a	ND	
MW-AR	d	Benzo [a] pyrene	50-32-8	ug/L	4/6/2007	10.4	n/a	ND	
MW-AR	d	Benzyl alcohol	100-51-6	ug/L	4/6/2007	52.1	n/a	ND	
MW-AR	d	Bis[2-chloroethoxy]methane	111-91-1	ug/L	4/6/2007	10.4	n/a	ND	
MW-AR	d	Bis[2-chloroethyl]ether	111-44-4	ug/L	4/6/2007	10.4	n/a	ND	
MW-AR	d	Bis[2-chloroisopropyl]ether	108-60-1	ug/L	4/6/2007	10.4	n/a	ND	
MW-AR	d	Bis[2-ethylhexyl]phthalate	117-81-7	ug/L	4/6/2007	10.4	n/a	ND	
MW-AR	d	4-Bromophenyl phenyl ether	101-55-3	ug/L	4/6/2007	10.4	n/a	ND	
MW-AR	d	Butyl benzyl phthalate	85-68-7	ug/L	4/6/2007	10.4	n/a	ND	
MW-AR	d	4-Chloroaniline	106-47-8	ug/L	4/6/2007	10.4	n/a	ND	
MW-AR	d	Chlorobenzilate	510-15-6	ug/L	4/6/2007	52.1	n/a	ND	
MW-AR	d	4-Chloro-3-methylphenol	59-50-7	ug/L	4/6/2007	10.4	n/a	ND	
MW-AR	d	2-Chloronaphthalene	91-58-7	ug/L	4/6/2007	10.4	n/a	ND	
MW-AR	d	2-Chlorophenol	95-57-8	ug/L	4/6/2007	10.4	n/a	ND	
MW-AR	d	4-Chlorophenyl phenyl ether	7005-72-3	ug/L	4/6/2007	10.4	n/a	ND	
MW-AR	d	Chrysene	218-01-9	ug/L	4/6/2007	10.4	n/a	ND	
MW-AR	d	3/4-Methylphenol	T-34MP	ug/L	4/6/2007	10.4	n/a	ND	
MW-AR	d	2-Methylphenol	95-48-7	ug/L	4/6/2007	10.4	n/a	ND	
MW-AR	d	Diallate [cis or trans]	2303-16-4	ug/L	4/6/2007	52.1	n/a	ND	
MW-AR	d	Dibenz [a,h] anthracene	53-70-3	ug/L	4/6/2007	10.4	n/a	ND	
MW-AR	d	Dibenzofuran	132-64-9	ug/L	4/6/2007	10.4	n/a	ND	
MW-AR	d	Di-n-butyl phthalate	84-74-2	ug/L	4/6/2007	10.4	n/a	ND	
MW-AR	d	3,3-Dichlorobenzidine	91-94-1	ug/L	4/6/2007	10.4	n/a	ND	
MW-AR	d	2,4-Dichlorophenol	120-83-2	ug/L	4/6/2007	10.4	n/a	ND	
MW-AR	d	2,6-Dichlorophenol	87-65-0	ug/L	4/6/2007	20.8	n/a	ND	
MW-AR	d	Diethyl phthalate	84-66-2	ug/L	4/6/2007	10.4	n/a	ND	
MW-AR	d	Thionazin	297-97-2	ug/L	4/6/2007	10.4	n/a	ND	
MW-AR	d	7,12-Dimethylbenz [a] anthracene	57-97-6	ug/L	4/6/2007	10.4	n/a	ND	
MW-AR	d	Dimethoate	60-51-5	ug/L	4/6/2007	10.4	n/a	ND	
MW-AR	d	Dimethylaminoazobenzene	60-11-7	ug/L	4/6/2007	10.4	n/a	ND	
MW-AR	d	3,3-Dimethylbenzidine	119-93-7	ug/L	4/6/2007	52.1	n/a	ND	
MW-AR	d	2,4-Dimethylphenol	105-67-9	ug/L	4/6/2007	10.4	n/a	ND	
MW-AR	d	Dimethyl phthalate	131-11-3	ug/L	4/6/2007	10.4	n/a	ND	
MW-AR	d	1,3-Dinitrobenzene	99-65-0	ug/L	4/6/2007	10.4	n/a	ND	
MW-AR	d	4,6-Dinitro-2-methylphenol	534-52-1	ug/L	4/6/2007	26	n/a	ND	
MW-AR	d	2,4-Dinitrophenol	51-28-5	ug/L	4/6/2007	26	n/a	ND	
MW-AR	d	2,4-Dinitrotoluene	121-14-2	ug/L	4/6/2007	10.4	n/a	ND	
MW-AR	d	2,6-Dinitrotoluene	606-20-2	ug/L	4/6/2007	10.4	n/a	ND	
MW-AR	d	Di-n-octyl phthalate	117-84-0	ug/L	4/6/2007	10.4	n/a	ND	
MW-AR	d	Diphenylamine	122-39-4	ug/L	4/6/2007	10.4	n/a	ND	
MW-AR	d	Disulfoton	298-04-4	ug/L	4/6/2007	0.5	n/a	ND	
MW-AR	d	Ethyl Methanesulfonate	62-50-0	ug/L	4/6/2007	10.4	n/a	ND	
MW-AR	d	Famphur	52-85-7	ug/L	4/6/2007	10.4	n/a	ND	
MW-AR	d	Fluoranthene	206-44-0	ug/L	4/6/2007	10.4	n/a	ND	
MW-AR	d	Fluorene	86-73-7	ug/L	4/6/2007	10.4	n/a	ND	
MW-AR	d	Hexachlorobenzene	118-74-1	ug/L	4/6/2007	10.4	n/a	ND	
MW-AR	d	Hexachlorobutadiene	87-68-3	ug/L	4/6/2007	10.4	n/a	ND	
MW-AR	d	Hexachlorocyclopentadiene	77-47-4	ug/L	4/6/2007	10.4	n/a	ND	
MW-AR	d	Hexachloroethane	67-72-1	ug/L	4/6/2007	10.4	n/a	ND	
MW-AR	d	Hexachloropropene	1888-71-7	ug/L	4/6/2007	10.4	n/a	ND	
MW-AR	d	Indeno [1,2,3-cd] pyrene	193-39-5	ug/L	4/6/2007	10.4	n/a	ND	
MW-AR	d	Isodrin	465-73-6	ug/L	4/6/2007	10.4	n/a	ND	
MW-AR	d	Isophorone	78-59-1	ug/L	4/6/2007	10.4	n/a	ND	
MW-AR	d	Isosafrole	120-58-1	ug/L	4/6/2007	52.1	n/a	ND	
MW-AR	d	Kepone	143-50-0	ug/L	4/6/2007	10.4	n/a	ND	
MW-AR	d	Methapyrilene	91-80-5	ug/L	4/6/2007	52.1	n/a	ND	
MW-AR	d	3-Methylcholanthrene	56-49-5	ug/L	4/6/2007	10.4	n/a	ND	
MW-AR	d	Methyl Methanesulfonate	66-27-3	ug/L	4/6/2007	10.4	n/a	ND	
MW-AR	d	2-Methylnaphthalene	91-57-6	ug/L	4/6/2007	10.4	n/a	ND	
MW-AR	d	Parathion-methyl	298-00-0	ug/L	4/6/2007	10.4	n/a	ND	
MW-AR	d	1,4-Naphthoquinone	130-15-4	ug/L	4/6/2007	10.4	n/a	ND	
MW-AR	d	1-Naphthylamine	134-32-7	ug/L	4/6/2007	10.4	n/a	ND	
MW-AR	d	2-Naphthylamine	91-59-8	ug/L	4/6/2007	10.4	n/a	ND	
MW-AR	d	2-Nitroaniline	88-74-4	ug/L	4/6/2007	26	n/a	ND	
MW-AR	d	3-Nitroaniline	99-09-2	ug/L	4/6/2007	26	n/a	ND	
MW-AR	d	4-Nitroaniline	100-01-6	ug/L	4/6/2007	26	n/a	ND	
MW-AR	d	Nitrobenzene	98-95-3	ug/L	4/6/2007	10.4	n/a	ND	
MW-AR	d	2-Nitrophenol	88-75-5	ug/L	4/6/2007	10.4	n/a	ND	

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MW-AR	d	4-Nitrophenol	100-02-7	ug/L	4/6/2007	26	n/a	ND	
MW-AR	d	N-Nitrosodi-n-butylamine	924-16-3	ug/L	4/6/2007	10.4	n/a	ND	
MW-AR	d	N-Nitrosodiethylamine	55-18-5	ug/L	4/6/2007	10.4	n/a	ND	
MW-AR	d	N-Nitrosodimethylamine	62-75-9	ug/L	4/6/2007	10.4	n/a	ND	
MW-AR	d	N-Nitrosodiphenylamine	86-30-6	ug/L	4/6/2007	10.4	n/a	ND	
MW-AR	d	N-Nitrosodi-n-propylamine	621-64-7	ug/L	4/6/2007	10.4	n/a	ND	
MW-AR	d	N-Nitrosomethylethylamine	10595-95-6	ug/L	4/6/2007	10.4	n/a	ND	
MW-AR	d	N-Nitrosopiperidine	100-75-4	ug/L	4/6/2007	10.4	n/a	ND	
MW-AR	d	N-Nitrosopyrrolidine	930-55-2	ug/L	4/6/2007	10.4	n/a	ND	
MW-AR	d	5-Nitro-o-toluidine	99-55-8	ug/L	4/6/2007	10.4	n/a	ND	
MW-AR	d	Parathion-ethyl	56-38-2	ug/L	4/6/2007	10.4	n/a	ND	
MW-AR	d	Pentachlorobenzene	608-93-5	ug/L	4/6/2007	10.4	n/a	ND	
MW-AR	d	Pentachloronitrobenzene	82-68-8	ug/L	4/6/2007	10.4	n/a	ND	
MW-AR	d	Pentachlorophenol [2C]	87-86-5	ug/L	4/6/2007	13.05	n/a	ND	
MW-AR	d	Phenacetin	62-44-2	ug/L	4/6/2007	10.4	n/a	ND	
MW-AR	d	Phenanthrene	85-01-8	ug/L	4/6/2007	10.4	n/a	ND	
MW-AR	d	Phenol	108-95-2	ug/L	4/6/2007	10.4	n/a	ND	
MW-AR	d	1,4-Phenylenediamine	106-50-3	ug/L	4/6/2007	52.1	n/a	ND	
MW-AR	d	Phorate	298-02-2	ug/L	4/6/2007	1.2	n/a	ND	
MW-AR	d	Pronamide	23950-58-5	ug/L	4/6/2007	10.4	n/a	ND	
MW-AR	d	Pyrene	129-00-0	ug/L	4/6/2007	10.4	n/a	ND	
MW-AR	d	Safrole	94-59-7	ug/L	4/6/2007	10.4	n/a	ND	
MW-AR	d	1,2,4,5-Tetrachlorobenzene	95-94-3	ug/L	4/6/2007	10.4	n/a	ND	
MW-AR	d	2,3,4,6-Tetrachlorophenol	58-90-2	ug/L	4/6/2007	10.4	n/a	ND	
MW-AR	d	o-Toluidine	95-53-4	ug/L	4/6/2007	10.4	n/a	ND	
MW-AR	d	2,4,5-Trichlorophenol	95-95-4	ug/L	4/6/2007	26	n/a	ND	
MW-AR	d	2,4,6-Trichlorophenol	88-06-2	ug/L	4/6/2007	10.4	n/a	ND	
MW-AR	d	O,O,O-Triethyl phosphorothioate	126-68-1	ug/L	4/6/2007	10.4	n/a	ND	
MW-AR	d	1,3,5-Trinitrobenzene	99-35-4	ug/L	4/6/2007	10.4	n/a	ND	
MW-AR	d	Pentachloroethane	76-01-7	ug/L	4/6/2007	10.4	n/a	ND	
MW-AR	d	Dinoseb	88-85-7	ug/L	4/6/2007	10.4	n/a	ND	
MW-AR	d	Acetonitrile	75-05-8	ug/L	4/6/2007	20	n/a	ND	
MW-AR	d	Isobutanol	78-83-1	mg/L	4/6/2007	15.03	n/a	ND	
MW-AR	d	PCB-1016	12674-11-2	ug/L	4/6/2007	0.8	n/a	ND	
MW-AR	d	PCB-1221	11104-28-2	ug/L	4/6/2007	0.8	n/a	ND	
MW-AR	d	PCB-1232	11141-16-5	ug/L	4/6/2007	0.8	n/a	ND	
MW-AR	d	PCB-1242	53469-21-9	ug/L	4/6/2007	0.8	n/a	ND	
MW-AR	d	PCB-1248	12672-29-6	ug/L	4/6/2007	0.8	n/a	ND	
MW-AR	d	PCB-1254	11097-69-1	ug/L	4/6/2007	0.8	n/a	ND	
MW-AR	d	PCB-1260	11096-82-5	ug/L	4/6/2007	0.8	n/a	ND	
MW-AR	d	PCB-1268	11100-14-4	ug/L	4/6/2007	0.8	n/a	ND	
MW-AR	d	Cyanide	57-12-5	mg/L	4/6/2007	0.01	n/a	ND	
MW-AR	d	Sulfide	18496-25-8	mg/L	4/6/2007	1	n/a	ND	
MW-AR	d	2,4-D [2C]	94-75-7	ug/L	4/6/2007	0.1	n/a	ND	
MW-AR	d	2,4,5-TP [Silvex] [2C]	93-72-1	ug/L	4/6/2007	0.1	n/a	ND	
MW-AR	d	2,4,5-T [2C]	93-76-5	ug/L	4/6/2007	0.1	n/a	ND	
MW-AR	d	alpha-BHC	319-84-6	ug/L	4/6/2007	0.05	n/a	ND	
MW-AR	d	beta-BHC	319-85-7	ug/L	4/6/2007	0.05	n/a	ND	
MW-AR	d	Dieldrin	60-57-1	ug/L	4/6/2007	0.05	n/a	ND	
MW-AR	d	4,4'-DDE	72-55-9	ug/L	4/6/2007	0.05	n/a	ND	
MW-AR	d	Endrin	72-20-8	ug/L	4/6/2007	0.05	n/a	ND	
MW-AR	d	gamma-BHC [Lindane]	58-89-9	ug/L	4/6/2007	0.05	n/a	ND	
MW-AR	d	Endosulfan II	33213-65-9	ug/L	4/6/2007	0.05	n/a	ND	
MW-AR	d	Heptachlor	76-44-8	ug/L	4/6/2007	0.05	n/a	ND	
MW-AR	d	4,4'-DDD	72-54-8	ug/L	4/6/2007	0.05	n/a	ND	
MW-AR	d	Aldrin	309-00-2	ug/L	4/6/2007	0.05	n/a	ND	
MW-AR	d	Endosulfan sulfate	1031-07-8	ug/L	4/6/2007	0.05	n/a	ND	
MW-AR	d	Heptachlor epoxide	1024-57-3	ug/L	4/6/2007	0.05	n/a	ND	
MW-AR	d	4,4'-DDT	50-29-3	ug/L	4/6/2007	0.05	n/a	ND	
MW-AR	d	Endosulfan I	959-98-8	ug/L	4/6/2007	0.05	n/a	ND	
MW-AR	d	Methoxychlor	72-43-5	ug/L	4/6/2007	0.05	n/a	ND	
MW-AR	d	Toxaphene	8001-35-2	ug/L	4/6/2007	5	n/a	ND	
MW-AR	d	Endrin aldehyde	7421-93-4	ug/L	4/6/2007	0.05	n/a	ND	
MW-AR	d	4-Nitroquinoline-n-oxide	56-57-5	ug/L	4/6/2007	10.4	n/a	ND	
MW-AR	d	Chlordane	57-74-9	ug/L	4/6/2007	3	n/a	ND	
GU-3	d	Antimony	7440-36-0	mg/L	5/7/2007	0.006	n/a	ND	
GU-3	d	Arsenic	7440-38-2	mg/L	5/7/2007	n/a	n/a		0.00171
GU-3	d	Barium	7440-39-3	mg/L	5/7/2007	n/a	n/a		0.0504
GU-3	d	Beryllium	7440-41-7	mg/L	5/7/2007	0.001	n/a	ND	
GU-3	d	Cadmium	7440-43-9	mg/L	5/7/2007	0.0005	n/a	ND	
GU-3	d	Chromium	7440-47-3	mg/L	5/7/2007	0.02	n/a	ND	
GU-3	d	Cobalt	7440-48-4	mg/L	5/7/2007	0.02	n/a	ND	
GU-3	d	Copper	7440-50-8	mg/L	5/7/2007	0.02	n/a	ND	
GU-3	d	Lead	7439-92-1	mg/L	5/7/2007	0.004	n/a	ND	
GU-3	d	Nickel	7440-02-0	mg/L	5/7/2007	0.05	n/a	ND	

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GU-3	d	Selenium	7782-49-2	mg/L	5/7/2007	0.005	n/a	ND	
GU-3	d	Silver	7440-22-4	mg/L	5/7/2007	0.02	n/a	ND	
GU-3	d	Thallium	7440-28-0	mg/L	5/7/2007	0.002	n/a	ND	
GU-3	d	Vanadium	7440-62-2	mg/L	5/7/2007	0.05	n/a	ND	
GU-3	d	Zinc	7440-66-6	mg/L	5/7/2007	n/a	n/a		0.0277
GU-3	d	Mercury	7439-97-6	mg/L	5/7/2007	0.0002	n/a	ND	
GU-3	d	Tin	7440-31-5	mg/L	5/7/2007	0.1	n/a	ND	
GU-3	d	Acetone	67-64-1	ug/L	5/7/2007	10	n/a	ND	
GU-3	d	Acrylonitrile	107-13-1	ug/L	5/7/2007	10	n/a	ND	
GU-3	d	Benzene	71-43-2	ug/L	5/7/2007	0.5	n/a	ND	
GU-3	d	Bromochloromethane	74-97-5	ug/L	5/7/2007	5	n/a	ND	
GU-3	d	Bromodichloromethane	75-27-4	ug/L	5/7/2007	1	n/a	ND	
GU-3	d	Bromoform	75-25-2	ug/L	5/7/2007	5	n/a	ND	
GU-3	d	Carbon disulfide	75-15-0	ug/L	5/7/2007	1	n/a	ND	
GU-3	d	Carbon Tetrachloride	56-23-5	ug/L	5/7/2007	2	n/a	ND	
GU-3	d	Chlorobenzene	108-90-7	ug/L	5/7/2007	1	n/a	ND	
GU-3	d	Chloroethane	75-00-3	ug/L	5/7/2007	4	n/a	ND	
GU-3	d	Chloroform	67-66-3	ug/L	5/7/2007	1	n/a	ND	
GU-3	d	Chlorodibromomethane	124-48-1	ug/L	5/7/2007	5	n/a	ND	
GU-3	d	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	5/7/2007	10	n/a	ND	
GU-3	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	5/7/2007	10	n/a	ND	
GU-3	d	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	5/7/2007	10	n/a	ND	
GU-3	d	1,1-Dichloroethane	75-34-3	ug/L	5/7/2007	1	n/a	ND	
GU-3	d	1,2-Dichloroethane	107-06-2	ug/L	5/7/2007	1	n/a	ND	
GU-3	d	1,1-Dichloroethene	75-35-4	ug/L	5/7/2007	2	n/a	ND	
GU-3	d	cis-1,2-Dichloroethene	156-59-2	ug/L	5/7/2007	1	n/a	ND	
GU-3	d	trans-1,2-Dichloroethene	156-60-5	ug/L	5/7/2007	1	n/a	ND	
GU-3	d	1,2-Dichloropropane	78-87-5	ug/L	5/7/2007	1	n/a	ND	
GU-3	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	5/7/2007	5	n/a	ND	
GU-3	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	5/7/2007	5	n/a	ND	
GU-3	d	1,2-Dichlorobenzene	95-50-1	ug/L	5/7/2007	11.1	n/a	ND	
GU-3	d	1,4-Dichlorobenzene	106-46-7	ug/L	5/7/2007	11.1	n/a	ND	
GU-3	d	Ethylbenzene	100-41-4	ug/L	5/7/2007	1	n/a	ND	
GU-3	d	2-Hexanone	591-78-6	ug/L	5/7/2007	10	n/a	ND	
GU-3	d	Bromomethane	74-83-9	ug/L	5/7/2007	4	n/a	ND	
GU-3	d	Chloromethane	74-87-3	ug/L	5/7/2007	3	n/a	ND	
GU-3	d	2-Butanone	78-93-3	ug/L	5/7/2007	10	n/a	ND	
GU-3	d	Iodomethane	74-88-4	ug/L	5/7/2007	10	n/a	ND	
GU-3	d	4-Methyl-2-pentanone	108-10-1	ug/L	5/7/2007	10	n/a	ND	
GU-3	d	Methylene Bromide	74-95-3	ug/L	5/7/2007	1	n/a	ND	
GU-3	d	Methylene Chloride	75-09-2	ug/L	5/7/2007	5	n/a	ND	
GU-3	d	Styrene	100-42-5	ug/L	5/7/2007	1	n/a	ND	
GU-3	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	5/7/2007	1	n/a	ND	
GU-3	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	5/7/2007	1	n/a	ND	
GU-3	d	Tetrachloroethene	127-18-4	ug/L	5/7/2007	1	n/a	ND	
GU-3	d	Toluene	108-88-3	ug/L	5/7/2007	1	n/a	ND	
GU-3	d	1,1,1-Trichloroethane	71-55-6	ug/L	5/7/2007	1	n/a	ND	
GU-3	d	1,1,2-Trichloroethane	79-00-5	ug/L	5/7/2007	1	n/a	ND	
GU-3	d	Trichloroethene	79-01-6	ug/L	5/7/2007	1	n/a	ND	
GU-3	d	Trichlorofluoromethane	75-69-4	ug/L	5/7/2007	4	n/a	ND	
GU-3	d	1,2,3-Trichloropropane	96-18-4	ug/L	5/7/2007	1	n/a	ND	
GU-3	d	Vinyl acetate	108-05-4	ug/L	5/7/2007	2	n/a	ND	
GU-3	d	Vinyl chloride	75-01-4	ug/L	5/7/2007	1	n/a	ND	
GU-3	d	Xylenes, total	1330-20-7	ug/L	5/7/2007	3	n/a	ND	
GU-3	d	Acrolein	107-02-8	ug/L	5/7/2007	10	n/a	ND	
GU-3	d	3-Chloropropene	107-05-1	ug/L	5/7/2007	2	n/a	ND	
GU-3	d	Chloroprene	126-99-8	ug/L	5/7/2007	1	n/a	ND	
GU-3	d	Dichlorodifluoromethane	75-71-8	ug/L	5/7/2007	3	n/a	ND	
GU-3	d	1,3-Dichloropropane	142-28-9	ug/L	5/7/2007	1	n/a	ND	
GU-3	d	2,2-Dichloropropane	594-20-7	ug/L	5/7/2007	4	n/a	ND	
GU-3	d	1,1-Dichloropropene	563-58-6	ug/L	5/7/2007	1	n/a	ND	
GU-3	d	1,3-Dichlorobenzene	541-73-1	ug/L	5/7/2007	11.1	n/a	ND	
GU-3	d	Ethyl Methacrylate	97-63-2	ug/L	5/7/2007	2	n/a	ND	
GU-3	d	Methacrylonitrile	126-98-7	ug/L	5/7/2007	1	n/a	ND	
GU-3	d	Methyl Methacrylate	80-62-6	ug/L	5/7/2007	2	n/a	ND	
GU-3	d	Naphthalene	91-20-3	ug/L	5/7/2007	11.1	n/a	ND	
GU-3	d	Propionitrile	107-12-0	ug/L	5/7/2007	10	n/a	ND	
GU-3	d	1,2,4-Trichlorobenzene	120-82-1	ug/L	5/7/2007	8.05	n/a	ND	
GU-3	d	Acenaphthene	83-32-9	ug/L	5/7/2007	11.1	n/a	ND	
GU-3	d	Acenaphthylene	208-96-8	ug/L	5/7/2007	11.1	n/a	ND	
GU-3	d	Acetophenone	98-86-2	ug/L	5/7/2007	11.1	n/a	ND	
GU-3	d	2-Acetylaminofluorene	53-96-3	ug/L	5/7/2007	11.1	n/a	ND	
GU-3	d	4-Aminobiphenyl	92-67-1	ug/L	5/7/2007	11.1	n/a	ND	
GU-3	d	Anthracene	120-12-7	ug/L	5/7/2007	11.1	n/a	ND	
GU-3	d	Benzo [a] anthracene	56-55-3	ug/L	5/7/2007	11.1	n/a	ND	

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GU-3	d	Benzo [b] fluoranthene	205-99-2	ug/L	5/7/2007	11.1	n/a	ND	
GU-3	d	Benzo [k] fluoranthene	207-08-9	ug/L	5/7/2007	11.1	n/a	ND	
GU-3	d	Benzo [g,h,i] perylene	191-24-2	ug/L	5/7/2007	11.1	n/a	ND	
GU-3	d	Benzo [a] pyrene	50-32-8	ug/L	5/7/2007	11.1	n/a	ND	
GU-3	d	Benzyl alcohol	100-51-6	ug/L	5/7/2007	55.6	n/a	ND	
GU-3	d	Bis[2-chloroethoxy]methane	111-91-1	ug/L	5/7/2007	11.1	n/a	ND	
GU-3	d	Bis[2-chloroethyl]ether	111-44-4	ug/L	5/7/2007	11.1	n/a	ND	
GU-3	d	Bis[2-chloroisopropyl]ether	108-60-1	ug/L	5/7/2007	11.1	n/a	ND	
GU-3	d	Bis[2-ethylhexyl]phthalate	117-81-7	ug/L	5/7/2007	11.1	n/a	ND	
GU-3	d	4-Bromophenyl phenyl ether	101-55-3	ug/L	5/7/2007	11.1	n/a	ND	
GU-3	d	Butyl benzyl phthalate	85-68-7	ug/L	5/7/2007	11.1	n/a	ND	
GU-3	d	4-Chloroaniline	106-47-8	ug/L	5/7/2007	11.1	n/a	ND	
GU-3	d	Chlorobenzilate	510-15-6	ug/L	5/7/2007	55.6	n/a	ND	
GU-3	d	4-Chloro-3-methylphenol	59-50-7	ug/L	5/7/2007	11.1	n/a	ND	
GU-3	d	2-Chloronaphthalene	91-58-7	ug/L	5/7/2007	11.1	n/a	ND	
GU-3	d	2-Chlorophenol	95-57-8	ug/L	5/7/2007	11.1	n/a	ND	
GU-3	d	4-Chlorophenyl phenyl ether	7005-72-3	ug/L	5/7/2007	11.1	n/a	ND	
GU-3	d	Chrysene	218-01-9	ug/L	5/7/2007	11.1	n/a	ND	
GU-3	d	3/4-Methylphenol	T-34MP	ug/L	5/7/2007	11.1	n/a	ND	
GU-3	d	2-Methylphenol	95-48-7	ug/L	5/7/2007	11.1	n/a	ND	
GU-3	d	Diallate [cis or trans]	2303-16-4	ug/L	5/7/2007	55.6	n/a	ND	
GU-3	d	Dibenz [a,h] anthracene	53-70-3	ug/L	5/7/2007	11.1	n/a	ND	
GU-3	d	Dibenzofuran	132-64-9	ug/L	5/7/2007	11.1	n/a	ND	
GU-3	d	Di-n-butyl phthalate	84-74-2	ug/L	5/7/2007	11.1	n/a	ND	
GU-3	d	3,3-Dichlorobenzidine	91-94-1	ug/L	5/7/2007	11.1	n/a	ND	
GU-3	d	2,4-Dichlorophenol	120-83-2	ug/L	5/7/2007	11.1	n/a	ND	
GU-3	d	2,6-Dichlorophenol	87-65-0	ug/L	5/7/2007	22.2	n/a	ND	
GU-3	d	Diethyl phthalate	84-66-2	ug/L	5/7/2007	11.1	n/a	ND	
GU-3	d	Thionazin	297-97-2	ug/L	5/7/2007	11.1	n/a	ND	
GU-3	d	7,12-Dimethylbenz [a] anthracene	57-97-6	ug/L	5/7/2007	11.1	n/a	ND	
GU-3	d	Dimethoate	60-51-5	ug/L	5/7/2007	11.1	n/a	ND	
GU-3	d	Dimethylaminoazobenzene	60-11-7	ug/L	5/7/2007	11.1	n/a	ND	
GU-3	d	3,3-Dimethylbenzidine	119-93-7	ug/L	5/7/2007	55.6	n/a	ND	
GU-3	d	2,4-Dimethylphenol	105-67-9	ug/L	5/7/2007	11.1	n/a	ND	
GU-3	d	Dimethyl phthalate	131-11-3	ug/L	5/7/2007	11.1	n/a	ND	
GU-3	d	1,3-Dinitrobenzene	99-65-0	ug/L	5/7/2007	11.1	n/a	ND	
GU-3	d	4,6-Dinitro-2-methylphenol	534-52-1	ug/L	5/7/2007	27.8	n/a	ND	
GU-3	d	2,4-Dinitrophenol	51-28-5	ug/L	5/7/2007	27.8	n/a	ND	
GU-3	d	2,4-Dinitrotoluene	121-14-2	ug/L	5/7/2007	11.1	n/a	ND	
GU-3	d	2,6-Dinitrotoluene	606-20-2	ug/L	5/7/2007	11.1	n/a	ND	
GU-3	d	Di-n-octyl phthalate	117-84-0	ug/L	5/7/2007	11.1	n/a	ND	
GU-3	d	Diphenylamine	122-39-4	ug/L	5/7/2007	11.1	n/a	ND	
GU-3	d	Disulfoton	298-04-4	ug/L	5/7/2007	11.1	n/a	ND	
GU-3	d	Ethyl Methanesulfonate	62-50-0	ug/L	5/7/2007	11.1	n/a	ND	
GU-3	d	Famphur	52-85-7	ug/L	5/7/2007	11.1	n/a	ND	
GU-3	d	Fluoranthene	206-44-0	ug/L	5/7/2007	11.1	n/a	ND	
GU-3	d	Fluorene	86-73-7	ug/L	5/7/2007	11.1	n/a	ND	
GU-3	d	Hexachlorobenzene	118-74-1	ug/L	5/7/2007	11.1	n/a	ND	
GU-3	d	Hexachlorobutadiene	87-68-3	ug/L	5/7/2007	11.1	n/a	ND	
GU-3	d	Hexachlorocyclopentadiene	77-47-4	ug/L	5/7/2007	11.1	n/a	ND	
GU-3	d	Hexachloroethane	67-72-1	ug/L	5/7/2007	11.1	n/a	ND	
GU-3	d	Hexachloropropene	1888-71-7	ug/L	5/7/2007	11.1	n/a	ND	
GU-3	d	Indeno [1,2,3-cd] pyrene	193-39-5	ug/L	5/7/2007	11.1	n/a	ND	
GU-3	d	Isodrin	465-73-6	ug/L	5/7/2007	11.1	n/a	ND	
GU-3	d	Isophorone	78-59-1	ug/L	5/7/2007	11.1	n/a	ND	
GU-3	d	Isosafrole	120-58-1	ug/L	5/7/2007	55.6	n/a	ND	
GU-3	d	Kepone	143-50-0	ug/L	5/7/2007	11.1	n/a	ND	
GU-3	d	Methapyrilene	91-80-5	ug/L	5/7/2007	55.6	n/a	ND	
GU-3	d	3-Methylcholanthrene	56-49-5	ug/L	5/7/2007	11.1	n/a	ND	
GU-3	d	Methyl Methanesulfonate	66-27-3	ug/L	5/7/2007	11.1	n/a	ND	
GU-3	d	2-Methylnaphthalene	91-57-6	ug/L	5/7/2007	11.1	n/a	ND	
GU-3	d	Parathion-methyl	298-00-0	ug/L	5/7/2007	11.1	n/a	ND	
GU-3	d	1,4-Naphthoquinone	130-15-4	ug/L	5/7/2007	11.1	n/a	ND	
GU-3	d	1-Naphthylamine	134-32-7	ug/L	5/7/2007	11.1	n/a	ND	
GU-3	d	2-Naphthylamine	91-59-8	ug/L	5/7/2007	11.1	n/a	ND	
GU-3	d	2-Nitroaniline	88-74-4	ug/L	5/7/2007	27.8	n/a	ND	
GU-3	d	3-Nitroaniline	99-09-2	ug/L	5/7/2007	27.8	n/a	ND	
GU-3	d	4-Nitroaniline	100-01-6	ug/L	5/7/2007	27.8	n/a	ND	
GU-3	d	Nitrobenzene	98-95-3	ug/L	5/7/2007	11.1	n/a	ND	
GU-3	d	2-Nitrophenol	88-75-5	ug/L	5/7/2007	11.1	n/a	ND	
GU-3	d	4-Nitrophenol	100-02-7	ug/L	5/7/2007	13.96	n/a	ND	
GU-3	d	N-Nitrosodi-n-butylamine	924-16-3	ug/L	5/7/2007	11.1	n/a	ND	
GU-3	d	N-Nitrosodiethylamine	55-18-5	ug/L	5/7/2007	11.1	n/a	ND	
GU-3	d	N-Nitrosodimethylamine	62-75-9	ug/L	5/7/2007	11.1	n/a	ND	
GU-3	d	N-Nitrosodiphenylamine	86-30-6	ug/L	5/7/2007	11.1	n/a	ND	

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GU-3	d	N-Nitrosodi-n-propylamine	621-64-7	ug/L	5/7/2007	11.1	n/a	ND	
GU-3	d	N-Nitrosomethylethylamine	10595-95-6	ug/L	5/7/2007	11.1	n/a	ND	
GU-3	d	N-Nitrosopiperidine	100-75-4	ug/L	5/7/2007	11.1	n/a	ND	
GU-3	d	N-Nitrosopyrrolidine	930-55-2	ug/L	5/7/2007	11.1	n/a	ND	
GU-3	d	5-Nitro-o-toluidine	99-55-8	ug/L	5/7/2007	11.1	n/a	ND	
GU-3	d	Parathion-ethyl	56-38-2	ug/L	5/7/2007	11.1	n/a	ND	
GU-3	d	Pentachlorobenzene	608-93-5	ug/L	5/7/2007	11.1	n/a	ND	
GU-3	d	Pentachloronitrobenzene	82-68-8	ug/L	5/7/2007	11.1	n/a	ND	
GU-3	d	Pentachlorophenol [2C]	87-86-5	ug/L	5/7/2007	13.96	n/a	ND	
GU-3	d	Phenacetin	62-44-2	ug/L	5/7/2007	11.1	n/a	ND	
GU-3	d	Phenanthrene	85-01-8	ug/L	5/7/2007	11.1	n/a	ND	
GU-3	d	Phenol	108-95-2	ug/L	5/7/2007	11.1	n/a	ND	
GU-3	d	1,4-Phenylenediamine	106-50-3	ug/L	5/7/2007	55.6	n/a	ND	
GU-3	d	Phorate	298-02-2	ug/L	5/7/2007	11.1	n/a	ND	
GU-3	d	Pronamide	23950-58-5	ug/L	5/7/2007	11.1	n/a	ND	
GU-3	d	Pyrene	129-00-0	ug/L	5/7/2007	11.1	n/a	ND	
GU-3	d	Safrole	94-59-7	ug/L	5/7/2007	11.1	n/a	ND	
GU-3	d	1,2,4,5-Tetrachlorobenzene	95-94-3	ug/L	5/7/2007	11.1	n/a	ND	
GU-3	d	2,3,4,6-Tetrachlorophenol	58-90-2	ug/L	5/7/2007	11.1	n/a	ND	
GU-3	d	o-Toluidine	95-53-4	ug/L	5/7/2007	11.1	n/a	ND	
GU-3	d	2,4,5-Trichlorophenol	95-95-4	ug/L	5/7/2007	27.8	n/a	ND	
GU-3	d	2,4,6-Trichlorophenol	88-06-2	ug/L	5/7/2007	11.1	n/a	ND	
GU-3	d	O,O,O-Triethyl phosphorothioate	126-68-1	ug/L	5/7/2007	11.1	n/a	ND	
GU-3	d	1,3,5-Trinitrobenzene	99-35-4	ug/L	5/7/2007	11.1	n/a	ND	
GU-3	d	Pentachloroethane	76-01-7	ug/L	5/7/2007	11.1	n/a	ND	
GU-3	d	Dinoseb	88-85-7	ug/L	5/7/2007	0.111	n/a	ND	
GU-3	d	Acetonitrile	75-05-8	ug/L	5/7/2007	10	n/a	ND	
GU-3	d	Isobutanol	78-83-1	mg/L	5/7/2007	10	n/a	ND	
GU-3	d	PCB-1016	12674-11-2	ug/L	5/7/2007	0.8	n/a	ND	
GU-3	d	PCB-1221	11104-28-2	ug/L	5/7/2007	0.8	n/a	ND	
GU-3	d	PCB-1232	11141-16-5	ug/L	5/7/2007	0.8	n/a	ND	
GU-3	d	PCB-1242	53469-21-9	ug/L	5/7/2007	0.8	n/a	ND	
GU-3	d	PCB-1248	12672-29-6	ug/L	5/7/2007	0.8	n/a	ND	
GU-3	d	PCB-1254	11097-69-1	ug/L	5/7/2007	0.8	n/a	ND	
GU-3	d	PCB-1260	11096-82-5	ug/L	5/7/2007	0.8	n/a	ND	
GU-3	d	PCB-1268	11100-14-4	ug/L	5/7/2007	0.8	n/a	ND	
GU-3	d	Sulfide	18496-25-8	mg/L	5/7/2007	1	n/a	ND	
GU-3	d	2,4-D [2C]	94-75-7	ug/L	5/7/2007	0.111	n/a	ND	
GU-3	d	2,4,5-TP [Silvex] [2C]	93-72-1	ug/L	5/7/2007	0.111	n/a	ND	
GU-3	d	2,4,5-T [2C]	93-76-5	ug/L	5/7/2007	0.111	n/a	ND	
GU-3	d	alpha-BHC	319-84-6	ug/L	5/7/2007	0.05	n/a	ND	
GU-3	d	beta-BHC	319-85-7	ug/L	5/7/2007	0.05	n/a	ND	
GU-3	d	Dieldrin	60-57-1	ug/L	5/7/2007	0.05	n/a	ND	
GU-3	d	4,4'-DDE	72-55-9	ug/L	5/7/2007	0.05	n/a	ND	
GU-3	d	delta-BHC	319-86-8	ug/L	5/7/2007	0.05	n/a	ND	
GU-3	d	Endrin	72-20-8	ug/L	5/7/2007	0.05	n/a	ND	
GU-3	d	gamma-BHC [Lindane]	58-89-9	ug/L	5/7/2007	0.05	n/a	ND	
GU-3	d	Endosulfan II	33213-65-9	ug/L	5/7/2007	0.05	n/a	ND	
GU-3	d	Heptachlor	76-44-8	ug/L	5/7/2007	0.05	n/a	ND	
GU-3	d	4,4'-DDD	72-54-8	ug/L	5/7/2007	0.05	n/a	ND	
GU-3	d	Aldrin	309-00-2	ug/L	5/7/2007	0.05	n/a	ND	
GU-3	d	Endosulfan sulfate	1031-07-8	ug/L	5/7/2007	0.05	n/a	ND	
GU-3	d	Heptachlor epoxide	1024-57-3	ug/L	5/7/2007	0.05	n/a	ND	
GU-3	d	4,4'-DDT	50-29-3	ug/L	5/7/2007	0.05	n/a	ND	
GU-3	d	Endosulfan I	959-98-8	ug/L	5/7/2007	0.05	n/a	ND	
GU-3	d	Methoxychlor	72-43-5	ug/L	5/7/2007	0.05	n/a	ND	
GU-3	d	alpha-Chlordane	5103-71-9	ug/L	5/7/2007	0.05	n/a	ND	
GU-3	d	gamma-Chlordane	5566-34-7	ug/L	5/7/2007	0.05	n/a	ND	
GU-3	d	Toxaphene	8001-35-2	ug/L	5/7/2007	5	n/a	ND	
GU-3	d	Endrin aldehyde	7421-93-4	ug/L	5/7/2007	0.05	n/a	ND	
GU-3	d	Endrin ketone	53494-70-5	ug/L	5/7/2007	0.05	n/a	ND	
GU-3	d	Chlordane	57-74-9	ug/L	5/7/2007	3	n/a	ND	
GU-3	d	2,4-DB	94-82-6	ug/L	5/7/2007	0.111	n/a	ND	
GU-3	d	Dalapon	75-99-0	ug/L	5/7/2007	1.11	n/a	ND	
GU-3	d	Dicamba	1918-00-9	ug/L	5/7/2007	0.111	n/a	ND	
GU-3	d	Dichloroprop	120-36-5	ug/L	5/7/2007	0.111	n/a	ND	
GU-3	d	MCPA	94-74-6	ug/L	5/7/2007	11.1	n/a	ND	
GU-3	d	MCPP	7085-19-0	ug/L	5/7/2007	11.1	n/a	ND	
GU-3	d	Picloram	2/1/1918	ug/L	5/7/2007	0.333	n/a	ND	
GU-3BG	u	Antimony	7440-36-0	mg/L	5/7/2007	0.006	n/a	ND	
GU-3BG	u	Arsenic	7440-38-2	mg/L	5/7/2007	n/a	n/a		0.00171
GU-3BG	u	Barium	7440-39-3	mg/L	5/7/2007	n/a	n/a		0.0504
GU-3BG	u	Beryllium	7440-41-7	mg/L	5/7/2007	0.001	n/a	ND	
GU-3BG	u	Cadmium	7440-43-9	mg/L	5/7/2007	0.0005	n/a	ND	
GU-3BG	u	Chromium	7440-47-3	mg/L	5/7/2007	0.02	n/a	ND	

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Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
GU-3BG	u	Cobalt	7440-48-4	mg/L	5/7/2007	0.02	n/a	ND	
GU-3BG	u	Copper	7440-50-8	mg/L	5/7/2007	0.02	n/a	ND	
GU-3BG	u	Lead	7439-92-1	mg/L	5/7/2007	0.004	n/a	ND	
GU-3BG	u	Nickel	7440-02-0	mg/L	5/7/2007	0.05	n/a	ND	
GU-3BG	u	Selenium	7782-49-2	mg/L	5/7/2007	0.005	n/a	ND	
GU-3BG	u	Silver	7440-22-4	mg/L	5/7/2007	0.02	n/a	ND	
GU-3BG	u	Thallium	7440-28-0	mg/L	5/7/2007	0.002	n/a	ND	
GU-3BG	u	Vanadium	7440-62-2	mg/L	5/7/2007	0.05	n/a	ND	
GU-3BG	u	Zinc	7440-66-6	mg/L	5/7/2007	n/a	n/a	ND	0.0277
GU-3BG	u	Mercury	7439-97-6	mg/L	5/7/2007	0.0002	n/a	ND	
GU-3BG	u	Tin	7440-31-5	mg/L	5/7/2007	0.1	n/a	ND	
GU-3BG	u	Acetone	67-64-1	ug/L	5/7/2007	10	n/a	ND	
GU-3BG	u	Acrylonitrile	107-13-1	ug/L	5/7/2007	10	n/a	ND	
GU-3BG	u	Benzene	71-43-2	ug/L	5/7/2007	0.5	n/a	ND	
GU-3BG	u	Bromochloromethane	74-97-5	ug/L	5/7/2007	5	n/a	ND	
GU-3BG	u	Bromodichloromethane	75-27-4	ug/L	5/7/2007	1	n/a	ND	
GU-3BG	u	Bromoform	75-25-2	ug/L	5/7/2007	5	n/a	ND	
GU-3BG	u	Carbon disulfide	75-15-0	ug/L	5/7/2007	1	n/a	ND	
GU-3BG	u	Carbon Tetrachloride	56-23-5	ug/L	5/7/2007	2	n/a	ND	
GU-3BG	u	Chlorobenzene	108-90-7	ug/L	5/7/2007	1	n/a	ND	
GU-3BG	u	Chloroethane	75-00-3	ug/L	5/7/2007	4	n/a	ND	
GU-3BG	u	Chloroform	67-66-3	ug/L	5/7/2007	1	n/a	ND	
GU-3BG	u	Chlorodibromomethane	124-48-1	ug/L	5/7/2007	5	n/a	ND	
GU-3BG	u	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	5/7/2007	10	n/a	ND	
GU-3BG	u	1,2-Dibromoethane [EDB]	106-93-4	ug/L	5/7/2007	10	n/a	ND	
GU-3BG	u	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	5/7/2007	10	n/a	ND	
GU-3BG	u	1,1-Dichloroethane	75-34-3	ug/L	5/7/2007	1	n/a	ND	
GU-3BG	u	1,2-Dichloroethane	107-06-2	ug/L	5/7/2007	1	n/a	ND	
GU-3BG	u	1,1-Dichloroethene	75-35-4	ug/L	5/7/2007	2	n/a	ND	
GU-3BG	u	cis-1,2-Dichloroethene	156-59-2	ug/L	5/7/2007	1	n/a	ND	
GU-3BG	u	trans-1,2-Dichloroethene	156-60-5	ug/L	5/7/2007	1	n/a	ND	
GU-3BG	u	1,2-Dichloropropane	78-87-5	ug/L	5/7/2007	1	n/a	ND	
GU-3BG	u	cis-1,3-Dichloropropene	10061-01-5	ug/L	5/7/2007	5	n/a	ND	
GU-3BG	u	trans-1,3-Dichloropropene	10061-02-6	ug/L	5/7/2007	5	n/a	ND	
GU-3BG	u	1,2-Dichlorobenzene	95-50-1	ug/L	5/7/2007	11.1	n/a	ND	
GU-3BG	u	1,4-Dichlorobenzene	106-46-7	ug/L	5/7/2007	11.1	n/a	ND	
GU-3BG	u	Ethylbenzene	100-41-4	ug/L	5/7/2007	1	n/a	ND	
GU-3BG	u	2-Hexanone	591-78-6	ug/L	5/7/2007	10	n/a	ND	
GU-3BG	u	Bromomethane	74-83-9	ug/L	5/7/2007	4	n/a	ND	
GU-3BG	u	Chloromethane	74-87-3	ug/L	5/7/2007	3	n/a	ND	
GU-3BG	u	2-Butanone	78-93-3	ug/L	5/7/2007	10	n/a	ND	
GU-3BG	u	Iodomethane	74-88-4	ug/L	5/7/2007	10	n/a	ND	
GU-3BG	u	4-Methyl-2-pentanone	108-10-1	ug/L	5/7/2007	10	n/a	ND	
GU-3BG	u	Methylene Bromide	74-95-3	ug/L	5/7/2007	1	n/a	ND	
GU-3BG	u	Methylene Chloride	75-09-2	ug/L	5/7/2007	5	n/a	ND	
GU-3BG	u	Styrene	100-42-5	ug/L	5/7/2007	1	n/a	ND	
GU-3BG	u	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	5/7/2007	1	n/a	ND	
GU-3BG	u	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	5/7/2007	1	n/a	ND	
GU-3BG	u	Tetrachloroethene	127-18-4	ug/L	5/7/2007	1	n/a	ND	
GU-3BG	u	Toluene	108-88-3	ug/L	5/7/2007	1	n/a	ND	
GU-3BG	u	1,1,1-Trichloroethane	71-55-6	ug/L	5/7/2007	1	n/a	ND	
GU-3BG	u	1,1,2-Trichloroethane	79-00-5	ug/L	5/7/2007	1	n/a	ND	
GU-3BG	u	Trichloroethene	79-01-6	ug/L	5/7/2007	1	n/a	ND	
GU-3BG	u	Trichlorofluoromethane	75-69-4	ug/L	5/7/2007	4	n/a	ND	
GU-3BG	u	1,2,3-Trichloropropane	96-18-4	ug/L	5/7/2007	1	n/a	ND	
GU-3BG	u	Vinyl acetate	108-05-4	ug/L	5/7/2007	2	n/a	ND	
GU-3BG	u	Vinyl chloride	75-01-4	ug/L	5/7/2007	1	n/a	ND	
GU-3BG	u	Xylenes, total	1330-20-7	ug/L	5/7/2007	3	n/a	ND	
GU-3BG	u	Acrolein	107-02-8	ug/L	5/7/2007	10	n/a	ND	
GU-3BG	u	3-Chloropropene	107-05-1	ug/L	5/7/2007	2	n/a	ND	
GU-3BG	u	Chloroprene	126-99-8	ug/L	5/7/2007	1	n/a	ND	
GU-3BG	u	Dichlorodifluoromethane	75-71-8	ug/L	5/7/2007	3	n/a	ND	
GU-3BG	u	1,3-Dichloropropane	142-28-9	ug/L	5/7/2007	1	n/a	ND	
GU-3BG	u	2,2-Dichloropropane	594-20-7	ug/L	5/7/2007	4	n/a	ND	
GU-3BG	u	1,1-Dichloropropene	563-58-6	ug/L	5/7/2007	1	n/a	ND	
GU-3BG	u	1,3-Dichlorobenzene	541-73-1	ug/L	5/7/2007	11.1	n/a	ND	
GU-3BG	u	Ethyl Methacrylate	97-63-2	ug/L	5/7/2007	2	n/a	ND	
GU-3BG	u	Methacrylonitrile	126-98-7	ug/L	5/7/2007	1	n/a	ND	
GU-3BG	u	Methyl Methacrylate	80-62-6	ug/L	5/7/2007	2	n/a	ND	
GU-3BG	u	Naphthalene	91-20-3	ug/L	5/7/2007	11.1	n/a	ND	
GU-3BG	u	Propionitrile	107-12-0	ug/L	5/7/2007	10	n/a	ND	
GU-3BG	u	1,2,4-Trichlorobenzene	120-82-1	ug/L	5/7/2007	8.05	n/a	ND	
GU-3BG	u	Acenaphthene	83-32-9	ug/L	5/7/2007	11.1	n/a	ND	
GU-3BG	u	Acenaphthylene	208-96-8	ug/L	5/7/2007	11.1	n/a	ND	
GU-3BG	u	Acetophenone	98-86-2	ug/L	5/7/2007	11.1	n/a	ND	

Table 9A
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Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
GU-3BG	u	2-Acetylaminofluorene	53-96-3	ug/L	5/7/2007	11.1	n/a	ND	
GU-3BG	u	4-Aminobiphenyl	92-67-1	ug/L	5/7/2007	11.1	n/a	ND	
GU-3BG	u	Anthracene	120-12-7	ug/L	5/7/2007	11.1	n/a	ND	
GU-3BG	u	Benzo [a] anthracene	56-55-3	ug/L	5/7/2007	11.1	n/a	ND	
GU-3BG	u	Benzo [b] fluoranthene	205-99-2	ug/L	5/7/2007	11.1	n/a	ND	
GU-3BG	u	Benzo [k] fluoranthene	207-08-9	ug/L	5/7/2007	11.1	n/a	ND	
GU-3BG	u	Benzo [g,h,i] perylene	191-24-2	ug/L	5/7/2007	11.1	n/a	ND	
GU-3BG	u	Benzo [a] pyrene	50-32-8	ug/L	5/7/2007	11.1	n/a	ND	
GU-3BG	u	Benzyl alcohol	100-51-6	ug/L	5/7/2007	55.6	n/a	ND	
GU-3BG	u	Bis[2-chloroethoxy]methane	111-91-1	ug/L	5/7/2007	11.1	n/a	ND	
GU-3BG	u	Bis[2-chloroethyl]ether	111-44-4	ug/L	5/7/2007	11.1	n/a	ND	
GU-3BG	u	Bis[2-chloroisopropyl]ether	108-60-1	ug/L	5/7/2007	11.1	n/a	ND	
GU-3BG	u	Bis[2-ethylhexyl]phthalate	117-81-7	ug/L	5/7/2007	11.1	n/a	ND	
GU-3BG	u	4-Bromophenyl phenyl ether	101-55-3	ug/L	5/7/2007	11.1	n/a	ND	
GU-3BG	u	Butyl benzyl phthalate	85-68-7	ug/L	5/7/2007	11.1	n/a	ND	
GU-3BG	u	4-Chloroaniline	106-47-8	ug/L	5/7/2007	11.1	n/a	ND	
GU-3BG	u	Chlorobenzilate	510-15-6	ug/L	5/7/2007	55.6	n/a	ND	
GU-3BG	u	4-Chloro-3-methylphenol	59-50-7	ug/L	5/7/2007	11.1	n/a	ND	
GU-3BG	u	2-Chloronaphthalene	91-58-7	ug/L	5/7/2007	11.1	n/a	ND	
GU-3BG	u	2-Chlorophenol	95-57-8	ug/L	5/7/2007	11.1	n/a	ND	
GU-3BG	u	4-Chlorophenyl phenyl ether	7005-72-3	ug/L	5/7/2007	11.1	n/a	ND	
GU-3BG	u	Chrysene	218-01-9	ug/L	5/7/2007	11.1	n/a	ND	
GU-3BG	u	3/4-Methylphenol	T-34MP	ug/L	5/7/2007	11.1	n/a	ND	
GU-3BG	u	2-Methylphenol	95-48-7	ug/L	5/7/2007	11.1	n/a	ND	
GU-3BG	u	Diallate [cis or trans]	2303-16-4	ug/L	5/7/2007	55.6	n/a	ND	
GU-3BG	u	Dibenz [a,h] anthracene	53-70-3	ug/L	5/7/2007	11.1	n/a	ND	
GU-3BG	u	Dibenzofuran	132-64-9	ug/L	5/7/2007	11.1	n/a	ND	
GU-3BG	u	Di-n-butyl phthalate	84-74-2	ug/L	5/7/2007	11.1	n/a	ND	
GU-3BG	u	3,3-Dichlorobenzidine	91-94-1	ug/L	5/7/2007	11.1	n/a	ND	
GU-3BG	u	2,4-Dichlorophenol	120-83-2	ug/L	5/7/2007	11.1	n/a	ND	
GU-3BG	u	2,6-Dichlorophenol	87-65-0	ug/L	5/7/2007	22.2	n/a	ND	
GU-3BG	u	Diethyl phthalate	84-66-2	ug/L	5/7/2007	11.1	n/a	ND	
GU-3BG	u	Thionazin	297-97-2	ug/L	5/7/2007	11.1	n/a	ND	
GU-3BG	u	7,12-Dimethylbenz [a] anthracene	57-97-6	ug/L	5/7/2007	11.1	n/a	ND	
GU-3BG	u	Dimethoate	60-51-5	ug/L	5/7/2007	11.1	n/a	ND	
GU-3BG	u	Dimethylaminoazobenzene	60-11-7	ug/L	5/7/2007	11.1	n/a	ND	
GU-3BG	u	3,3-Dimethylbenzidine	119-93-7	ug/L	5/7/2007	55.6	n/a	ND	
GU-3BG	u	2,4-Dimethylphenol	105-67-9	ug/L	5/7/2007	11.1	n/a	ND	
GU-3BG	u	Dimethyl phthalate	131-11-3	ug/L	5/7/2007	11.1	n/a	ND	
GU-3BG	u	1,3-Dinitrobenzene	99-65-0	ug/L	5/7/2007	11.1	n/a	ND	
GU-3BG	u	4,6-Dinitro-2-methylphenol	534-52-1	ug/L	5/7/2007	27.8	n/a	ND	
GU-3BG	u	2,4-Dinitrophenol	51-28-5	ug/L	5/7/2007	27.8	n/a	ND	
GU-3BG	u	2,4-Dinitrotoluene	121-14-2	ug/L	5/7/2007	11.1	n/a	ND	
GU-3BG	u	2,6-Dinitrotoluene	606-20-2	ug/L	5/7/2007	11.1	n/a	ND	
GU-3BG	u	Di-n-octyl phthalate	117-84-0	ug/L	5/7/2007	11.1	n/a	ND	
GU-3BG	u	Diphenylamine	122-39-4	ug/L	5/7/2007	11.1	n/a	ND	
GU-3BG	u	Disulfoton	298-04-4	ug/L	5/7/2007	11.1	n/a	ND	
GU-3BG	u	Ethyl Methanesulfonate	62-50-0	ug/L	5/7/2007	11.1	n/a	ND	
GU-3BG	u	Famphur	52-85-7	ug/L	5/7/2007	11.1	n/a	ND	
GU-3BG	u	Fluoranthene	206-44-0	ug/L	5/7/2007	11.1	n/a	ND	
GU-3BG	u	Fluorene	86-73-7	ug/L	5/7/2007	11.1	n/a	ND	
GU-3BG	u	Hexachlorobenzene	118-74-1	ug/L	5/7/2007	11.1	n/a	ND	
GU-3BG	u	Hexachlorobutadiene	87-68-3	ug/L	5/7/2007	11.1	n/a	ND	
GU-3BG	u	Hexachlorocyclopentadiene	77-47-4	ug/L	5/7/2007	11.1	n/a	ND	
GU-3BG	u	Hexachloroethane	67-72-1	ug/L	5/7/2007	11.1	n/a	ND	
GU-3BG	u	Hexachloropropene	1888-71-7	ug/L	5/7/2007	11.1	n/a	ND	
GU-3BG	u	Indeno [1,2,3-cd] pyrene	193-39-5	ug/L	5/7/2007	11.1	n/a	ND	
GU-3BG	u	Isodrin	465-73-6	ug/L	5/7/2007	11.1	n/a	ND	
GU-3BG	u	Isophorone	78-59-1	ug/L	5/7/2007	11.1	n/a	ND	
GU-3BG	u	Isosafrole	120-58-1	ug/L	5/7/2007	55.6	n/a	ND	
GU-3BG	u	Kepone	143-50-0	ug/L	5/7/2007	11.1	n/a	ND	
GU-3BG	u	Methapyrilene	91-80-5	ug/L	5/7/2007	55.6	n/a	ND	
GU-3BG	u	3-Methylcholanthrene	56-49-5	ug/L	5/7/2007	11.1	n/a	ND	
GU-3BG	u	Methyl Methanesulfonate	66-27-3	ug/L	5/7/2007	11.1	n/a	ND	
GU-3BG	u	2-Methylnaphthalene	91-57-6	ug/L	5/7/2007	11.1	n/a	ND	
GU-3BG	u	Parathion-methyl	298-00-0	ug/L	5/7/2007	11.1	n/a	ND	
GU-3BG	u	1,4-Naphthoquinone	130-15-4	ug/L	5/7/2007	11.1	n/a	ND	
GU-3BG	u	1-Naphthylamine	134-32-7	ug/L	5/7/2007	11.1	n/a	ND	
GU-3BG	u	2-Naphthylamine	91-59-8	ug/L	5/7/2007	11.1	n/a	ND	
GU-3BG	u	2-Nitroaniline	88-74-4	ug/L	5/7/2007	27.8	n/a	ND	
GU-3BG	u	3-Nitroaniline	99-09-2	ug/L	5/7/2007	27.8	n/a	ND	
GU-3BG	u	4-Nitroaniline	100-01-6	ug/L	5/7/2007	27.8	n/a	ND	
GU-3BG	u	Nitrobenzene	98-95-3	ug/L	5/7/2007	11.1	n/a	ND	
GU-3BG	u	2-Nitrophenol	88-75-5	ug/L	5/7/2007	11.1	n/a	ND	
GU-3BG	u	4-Nitrophenol	100-02-7	ug/L	5/7/2007	13.96	n/a	ND	

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Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
GU-3BG	u	N-Nitrosodi-n-butylamine	924-16-3	ug/L	5/7/2007	11.1	n/a	ND	
GU-3BG	u	N-Nitrosodiethylamine	55-18-5	ug/L	5/7/2007	11.1	n/a	ND	
GU-3BG	u	N-Nitrosodimethylamine	62-75-9	ug/L	5/7/2007	11.1	n/a	ND	
GU-3BG	u	N-Nitrosodiphenylamine	86-30-6	ug/L	5/7/2007	11.1	n/a	ND	
GU-3BG	u	N-Nitrosodi-n-propylamine	621-64-7	ug/L	5/7/2007	11.1	n/a	ND	
GU-3BG	u	N-Nitrosomethylethylamine	10595-95-6	ug/L	5/7/2007	11.1	n/a	ND	
GU-3BG	u	N-Nitrosopiperidine	100-75-4	ug/L	5/7/2007	11.1	n/a	ND	
GU-3BG	u	N-Nitrosopyrrolidine	930-55-2	ug/L	5/7/2007	11.1	n/a	ND	
GU-3BG	u	5-Nitro-o-toluidine	99-55-8	ug/L	5/7/2007	11.1	n/a	ND	
GU-3BG	u	Parathion-ethyl	56-38-2	ug/L	5/7/2007	11.1	n/a	ND	
GU-3BG	u	Pentachlorobenzene	608-93-5	ug/L	5/7/2007	11.1	n/a	ND	
GU-3BG	u	Pentachloronitrobenzene	82-68-8	ug/L	5/7/2007	11.1	n/a	ND	
GU-3BG	u	Pentachlorophenol [2C]	87-86-5	ug/L	5/7/2007	13.96	n/a	ND	
GU-3BG	u	Phenacetin	62-44-2	ug/L	5/7/2007	11.1	n/a	ND	
GU-3BG	u	Phenanthrene	85-01-8	ug/L	5/7/2007	11.1	n/a	ND	
GU-3BG	u	Phenol	108-95-2	ug/L	5/7/2007	11.1	n/a	ND	
GU-3BG	u	1,4-Phenylenediamine	106-50-3	ug/L	5/7/2007	55.6	n/a	ND	
GU-3BG	u	Phorate	298-02-2	ug/L	5/7/2007	11.1	n/a	ND	
GU-3BG	u	Pronamide	23950-58-5	ug/L	5/7/2007	11.1	n/a	ND	
GU-3BG	u	Pyrene	129-00-0	ug/L	5/7/2007	11.1	n/a	ND	
GU-3BG	u	Safrole	94-59-7	ug/L	5/7/2007	11.1	n/a	ND	
GU-3BG	u	1,2,4,5-Tetrachlorobenzene	95-94-3	ug/L	5/7/2007	11.1	n/a	ND	
GU-3BG	u	2,3,4,6-Tetrachlorophenol	58-90-2	ug/L	5/7/2007	11.1	n/a	ND	
GU-3BG	u	o-Toluidine	95-53-4	ug/L	5/7/2007	11.1	n/a	ND	
GU-3BG	u	2,4,5-Trichlorophenol	95-95-4	ug/L	5/7/2007	27.8	n/a	ND	
GU-3BG	u	2,4,6-Trichlorophenol	88-06-2	ug/L	5/7/2007	11.1	n/a	ND	
GU-3BG	u	O,O,O-Triethyl phosphorothioate	126-68-1	ug/L	5/7/2007	11.1	n/a	ND	
GU-3BG	u	1,3,5-Trinitrobenzene	99-35-4	ug/L	5/7/2007	11.1	n/a	ND	
GU-3BG	u	Pentachloroethane	76-01-7	ug/L	5/7/2007	11.1	n/a	ND	
GU-3BG	u	Dinoseb	88-85-7	ug/L	5/7/2007	0.111	n/a	ND	
GU-3BG	u	Acetonitrile	75-05-8	ug/L	5/7/2007	10	n/a	ND	
GU-3BG	u	Isobutanol	78-83-1	mg/L	5/7/2007	10	n/a	ND	
GU-3BG	u	PCB-1016	12674-11-2	ug/L	5/7/2007	0.8	n/a	ND	
GU-3BG	u	PCB-1221	11104-28-2	ug/L	5/7/2007	0.8	n/a	ND	
GU-3BG	u	PCB-1232	11141-16-5	ug/L	5/7/2007	0.8	n/a	ND	
GU-3BG	u	PCB-1242	53469-21-9	ug/L	5/7/2007	0.8	n/a	ND	
GU-3BG	u	PCB-1248	12672-29-6	ug/L	5/7/2007	0.8	n/a	ND	
GU-3BG	u	PCB-1254	11097-69-1	ug/L	5/7/2007	0.8	n/a	ND	
GU-3BG	u	PCB-1260	11096-82-5	ug/L	5/7/2007	0.8	n/a	ND	
GU-3BG	u	PCB-1268	11100-14-4	ug/L	5/7/2007	0.8	n/a	ND	
GU-3BG	u	Sulfide	18496-25-8	mg/L	5/7/2007	1	n/a	ND	
GU-3BG	u	2,4-D [2C]	94-75-7	ug/L	5/7/2007	0.111	n/a	ND	
GU-3BG	u	2,4,5-TP [Silvex] [2C]	93-72-1	ug/L	5/7/2007	0.111	n/a	ND	
GU-3BG	u	2,4,5-T [2C]	93-76-5	ug/L	5/7/2007	0.111	n/a	ND	
GU-3BG	u	alpha-BHC	319-84-6	ug/L	5/7/2007	0.05	n/a	ND	
GU-3BG	u	beta-BHC	319-85-7	ug/L	5/7/2007	0.05	n/a	ND	
GU-3BG	u	Dieldrin	60-57-1	ug/L	5/7/2007	0.05	n/a	ND	
GU-3BG	u	4,4'-DDE	72-55-9	ug/L	5/7/2007	0.05	n/a	ND	
GU-3BG	u	delta-BHC	319-86-8	ug/L	5/7/2007	0.05	n/a	ND	
GU-3BG	u	Endrin	72-20-8	ug/L	5/7/2007	0.05	n/a	ND	
GU-3BG	u	gamma-BHC [Lindane]	58-89-9	ug/L	5/7/2007	0.05	n/a	ND	
GU-3BG	u	Endosulfan II	33213-65-9	ug/L	5/7/2007	0.05	n/a	ND	
GU-3BG	u	Heptachlor	76-44-8	ug/L	5/7/2007	0.05	n/a	ND	
GU-3BG	u	4,4'-DDD	72-54-8	ug/L	5/7/2007	0.05	n/a	ND	
GU-3BG	u	Aldrin	309-00-2	ug/L	5/7/2007	0.05	n/a	ND	
GU-3BG	u	Endosulfan sulfate	1031-07-8	ug/L	5/7/2007	0.05	n/a	ND	
GU-3BG	u	Heptachlor epoxide	1024-57-3	ug/L	5/7/2007	0.05	n/a	ND	
GU-3BG	u	4,4'-DDT	50-29-3	ug/L	5/7/2007	0.05	n/a	ND	
GU-3BG	u	Endosulfan I	959-98-8	ug/L	5/7/2007	0.05	n/a	ND	
GU-3BG	u	Methoxychlor	72-43-5	ug/L	5/7/2007	0.05	n/a	ND	
GU-3BG	u	alpha-Chlordane	5103-71-9	ug/L	5/7/2007	0.05	n/a	ND	
GU-3BG	u	gamma-Chlordane	5566-34-7	ug/L	5/7/2007	0.05	n/a	ND	
GU-3BG	u	Toxaphene	8001-35-2	ug/L	5/7/2007	5	n/a	ND	
GU-3BG	u	Endrin aldehyde	7421-93-4	ug/L	5/7/2007	0.05	n/a	ND	
GU-3BG	u	Endrin ketone	53494-70-5	ug/L	5/7/2007	0.05	n/a	ND	
GU-3BG	u	Chlordane	57-74-9	ug/L	5/7/2007	3	n/a	ND	
GU-3BG	u	2,4-DB	94-82-6	ug/L	5/7/2007	0.111	n/a	ND	
GU-3BG	u	Dalapon	75-99-0	ug/L	5/7/2007	1.11	n/a	ND	
GU-3BG	u	Dicamba	1918-00-9	ug/L	5/7/2007	0.111	n/a	ND	
GU-3BG	u	Dichloroprop	120-36-5	ug/L	5/7/2007	0.111	n/a	ND	
GU-3BG	u	MCPA	94-74-6	ug/L	5/7/2007	11.1	n/a	ND	
GU-3BG	u	MCPP	7085-19-0	ug/L	5/7/2007	11.1	n/a	ND	
GU-3BG	u	Picloram	2/1/1918	ug/L	5/7/2007	0.333	n/a	ND	
GU-4	d	Antimony	7440-36-0	mg/L	5/7/2007	0.006	n/a	ND	
GU-4	d	Arsenic	7440-38-2	mg/L	5/7/2007	0.001	n/a	ND	

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GU-4	d	Barium	7440-39-3	mg/L	5/7/2007	n/a	n/a		0.0167
GU-4	d	Beryllium	7440-41-7	mg/L	5/7/2007	0.001	n/a	ND	
GU-4	d	Cadmium	7440-43-9	mg/L	5/7/2007	0.0005	n/a	ND	
GU-4	d	Chromium	7440-47-3	mg/L	5/7/2007	0.02	n/a	ND	
GU-4	d	Cobalt	7440-48-4	mg/L	5/7/2007	0.02	n/a	ND	
GU-4	d	Copper	7440-50-8	mg/L	5/7/2007	0.02	n/a	ND	
GU-4	d	Lead	7439-92-1	mg/L	5/7/2007	0.004	n/a	ND	
GU-4	d	Nickel	7440-02-0	mg/L	5/7/2007	0.05	n/a	ND	
GU-4	d	Selenium	7782-49-2	mg/L	5/7/2007	0.005	n/a	ND	
GU-4	d	Silver	7440-22-4	mg/L	5/7/2007	0.02	n/a	ND	
GU-4	d	Thallium	7440-28-0	mg/L	5/7/2007	0.002	n/a	ND	
GU-4	d	Vanadium	7440-62-2	mg/L	5/7/2007	0.05	n/a	ND	
GU-4	d	Zinc	7440-66-6	mg/L	5/7/2007	n/a	n/a		0.0241
GU-4	d	Mercury	7439-97-6	mg/L	5/7/2007	0.0002	n/a	ND	
GU-4	d	Tin	7440-31-5	mg/L	5/7/2007	0.1	n/a	ND	
GU-4	d	Acetone	67-64-1	ug/L	5/7/2007	10	n/a	ND	
GU-4	d	Acrylonitrile	107-13-1	ug/L	5/7/2007	10	n/a	ND	
GU-4	d	Benzene	71-43-2	ug/L	5/7/2007	0.5	n/a	ND	
GU-4	d	Bromochloromethane	74-97-5	ug/L	5/7/2007	5	n/a	ND	
GU-4	d	Bromodichloromethane	75-27-4	ug/L	5/7/2007	1	n/a	ND	
GU-4	d	Bromoform	75-25-2	ug/L	5/7/2007	5	n/a	ND	
GU-4	d	Carbon disulfide	75-15-0	ug/L	5/7/2007	1	n/a	ND	
GU-4	d	Carbon Tetrachloride	56-23-5	ug/L	5/7/2007	2	n/a	ND	
GU-4	d	Chlorobenzene	108-90-7	ug/L	5/7/2007	1	n/a	ND	
GU-4	d	Chloroethane	75-00-3	ug/L	5/7/2007	4	n/a	ND	
GU-4	d	Chloroform	67-66-3	ug/L	5/7/2007	1	n/a	ND	
GU-4	d	Chlorodibromomethane	124-48-1	ug/L	5/7/2007	5	n/a	ND	
GU-4	d	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	5/7/2007	10	n/a	ND	
GU-4	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	5/7/2007	10	n/a	ND	
GU-4	d	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	5/7/2007	10	n/a	ND	
GU-4	d	1,1-Dichloroethane	75-34-3	ug/L	5/7/2007	1	n/a	ND	
GU-4	d	1,2-Dichloroethane	107-06-2	ug/L	5/7/2007	1	n/a	ND	
GU-4	d	1,1-Dichloroethene	75-35-4	ug/L	5/7/2007	2	n/a	ND	
GU-4	d	cis-1,2-Dichloroethene	156-59-2	ug/L	5/7/2007	1	n/a	ND	
GU-4	d	trans-1,2-Dichloroethene	156-60-5	ug/L	5/7/2007	1	n/a	ND	
GU-4	d	1,2-Dichloropropane	78-87-5	ug/L	5/7/2007	1	n/a	ND	
GU-4	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	5/7/2007	5	n/a	ND	
GU-4	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	5/7/2007	5	n/a	ND	
GU-4	d	1,2-Dichlorobenzene	95-50-1	ug/L	5/7/2007	11.1	n/a	ND	
GU-4	d	1,4-Dichlorobenzene	106-46-7	ug/L	5/7/2007	11.1	n/a	ND	
GU-4	d	Ethylbenzene	100-41-4	ug/L	5/7/2007	1	n/a	ND	
GU-4	d	2-Hexanone	591-78-6	ug/L	5/7/2007	10	n/a	ND	
GU-4	d	Bromomethane	74-83-9	ug/L	5/7/2007	4	n/a	ND	
GU-4	d	Chloromethane	74-87-3	ug/L	5/7/2007	3	n/a	ND	
GU-4	d	2-Butanone	78-93-3	ug/L	5/7/2007	10	n/a	ND	
GU-4	d	Iodomethane	74-88-4	ug/L	5/7/2007	10	n/a	ND	
GU-4	d	4-Methyl-2-pentanone	108-10-1	ug/L	5/7/2007	10	n/a	ND	
GU-4	d	Methylene Bromide	74-95-3	ug/L	5/7/2007	1	n/a	ND	
GU-4	d	Methylene Chloride	75-09-2	ug/L	5/7/2007	5	n/a	ND	
GU-4	d	Styrene	100-42-5	ug/L	5/7/2007	1	n/a	ND	
GU-4	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	5/7/2007	1	n/a	ND	
GU-4	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	5/7/2007	1	n/a	ND	
GU-4	d	Tetrachloroethene	127-18-4	ug/L	5/7/2007	1	n/a	ND	
GU-4	d	Toluene	108-88-3	ug/L	5/7/2007	1	n/a	ND	
GU-4	d	1,1,1-Trichloroethane	71-55-6	ug/L	5/7/2007	1	n/a	ND	
GU-4	d	1,1,2-Trichloroethane	79-00-5	ug/L	5/7/2007	1	n/a	ND	
GU-4	d	Trichloroethene	79-01-6	ug/L	5/7/2007	1	n/a	ND	
GU-4	d	Trichlorofluoromethane	75-69-4	ug/L	5/7/2007	4	n/a	ND	
GU-4	d	1,2,3-Trichloropropane	96-18-4	ug/L	5/7/2007	1	n/a	ND	
GU-4	d	Vinyl acetate	108-05-4	ug/L	5/7/2007	2	n/a	ND	
GU-4	d	Vinyl chloride	75-01-4	ug/L	5/7/2007	1	n/a	ND	
GU-4	d	Xylenes, total	1330-20-7	ug/L	5/7/2007	3	n/a	ND	
GU-4	d	Acrolein	107-02-8	ug/L	5/7/2007	10	n/a	ND	
GU-4	d	3-Chloropropene	107-05-1	ug/L	5/7/2007	2	n/a	ND	
GU-4	d	Chloroprene	126-99-8	ug/L	5/7/2007	1	n/a	ND	
GU-4	d	Dichlorodifluoromethane	75-71-8	ug/L	5/7/2007	3	n/a	ND	
GU-4	d	1,3-Dichloropropane	142-28-9	ug/L	5/7/2007	1	n/a	ND	
GU-4	d	2,2-Dichloropropane	594-20-7	ug/L	5/7/2007	4	n/a	ND	
GU-4	d	1,1-Dichloropropene	563-58-6	ug/L	5/7/2007	1	n/a	ND	
GU-4	d	1,3-Dichlorobenzene	541-73-1	ug/L	5/7/2007	11.1	n/a	ND	
GU-4	d	Ethyl Methacrylate	97-63-2	ug/L	5/7/2007	2	n/a	ND	
GU-4	d	Methacrylonitrile	126-98-7	ug/L	5/7/2007	1	n/a	ND	
GU-4	d	Methyl Methacrylate	80-62-6	ug/L	5/7/2007	2	n/a	ND	
GU-4	d	Naphthalene	91-20-3	ug/L	5/7/2007	11.1	n/a	ND	
GU-4	d	Propionitrile	107-12-0	ug/L	5/7/2007	10	n/a	ND	

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GU-4	d	1,2,4-Trichlorobenzene	120-82-1	ug/L	5/7/2007	8.05	n/a	ND	
GU-4	d	Acenaphthene	83-32-9	ug/L	5/7/2007	11.1	n/a	ND	
GU-4	d	Acenaphthylene	208-96-8	ug/L	5/7/2007	11.1	n/a	ND	
GU-4	d	Acetophenone	98-86-2	ug/L	5/7/2007	11.1	n/a	ND	
GU-4	d	2-Acetylaminofluorene	53-96-3	ug/L	5/7/2007	11.1	n/a	ND	
GU-4	d	4-Aminobiphenyl	92-67-1	ug/L	5/7/2007	11.1	n/a	ND	
GU-4	d	Anthracene	120-12-7	ug/L	5/7/2007	11.1	n/a	ND	
GU-4	d	Benzo [a] anthracene	56-55-3	ug/L	5/7/2007	11.1	n/a	ND	
GU-4	d	Benzo [b] fluoranthene	205-99-2	ug/L	5/7/2007	11.1	n/a	ND	
GU-4	d	Benzo [k] fluoranthene	207-08-9	ug/L	5/7/2007	11.1	n/a	ND	
GU-4	d	Benzo [g,h,i] perylene	191-24-2	ug/L	5/7/2007	11.1	n/a	ND	
GU-4	d	Benzo [a] pyrene	50-32-8	ug/L	5/7/2007	11.1	n/a	ND	
GU-4	d	Benzyl alcohol	100-51-6	ug/L	5/7/2007	55.6	n/a	ND	
GU-4	d	Bis[2-chloroethoxy]methane	111-91-1	ug/L	5/7/2007	11.1	n/a	ND	
GU-4	d	Bis[2-chloroethyl]ether	111-44-4	ug/L	5/7/2007	11.1	n/a	ND	
GU-4	d	Bis[2-chloroisopropyl]ether	108-60-1	ug/L	5/7/2007	11.1	n/a	ND	
GU-4	d	Bis[2-ethylhexyl]phthalate	117-81-7	ug/L	5/7/2007	11.1	n/a	ND	
GU-4	d	4-Bromophenyl phenyl ether	101-55-3	ug/L	5/7/2007	11.1	n/a	ND	
GU-4	d	Butyl benzyl phthalate	85-68-7	ug/L	5/7/2007	11.1	n/a	ND	
GU-4	d	4-Chloroaniline	106-47-8	ug/L	5/7/2007	11.1	n/a	ND	
GU-4	d	Chlorobenzilate	510-15-6	ug/L	5/7/2007	55.6	n/a	ND	
GU-4	d	4-Chloro-3-methylphenol	59-50-7	ug/L	5/7/2007	11.1	n/a	ND	
GU-4	d	2-Chloronaphthalene	91-58-7	ug/L	5/7/2007	11.1	n/a	ND	
GU-4	d	2-Chlorophenol	95-57-8	ug/L	5/7/2007	11.1	n/a	ND	
GU-4	d	4-Chlorophenyl phenyl ether	7005-72-3	ug/L	5/7/2007	11.1	n/a	ND	
GU-4	d	Chrysene	218-01-9	ug/L	5/7/2007	11.1	n/a	ND	
GU-4	d	3/4-Methylphenol	T-34MP	ug/L	5/7/2007	11.1	n/a	ND	
GU-4	d	2-Methylphenol	95-48-7	ug/L	5/7/2007	11.1	n/a	ND	
GU-4	d	Diallate [cis or trans]	2303-16-4	ug/L	5/7/2007	55.6	n/a	ND	
GU-4	d	Dibenz [a,h] anthracene	53-70-3	ug/L	5/7/2007	11.1	n/a	ND	
GU-4	d	Dibenzofuran	132-64-9	ug/L	5/7/2007	11.1	n/a	ND	
GU-4	d	Di-n-butyl phthalate	84-74-2	ug/L	5/7/2007	11.1	n/a	ND	
GU-4	d	3,3-Dichlorobenzidine	91-94-1	ug/L	5/7/2007	11.1	n/a	ND	
GU-4	d	2,4-Dichlorophenol	120-83-2	ug/L	5/7/2007	11.1	n/a	ND	
GU-4	d	2,6-Dichlorophenol	87-65-0	ug/L	5/7/2007	22.2	n/a	ND	
GU-4	d	Diethyl phthalate	84-66-2	ug/L	5/7/2007	11.1	n/a	ND	
GU-4	d	Thionazin	297-97-2	ug/L	5/7/2007	11.1	n/a	ND	
GU-4	d	7,12-Dimethylbenz [a] anthracene	57-97-6	ug/L	5/7/2007	11.1	n/a	ND	
GU-4	d	Dimethoate	60-51-5	ug/L	5/7/2007	11.1	n/a	ND	
GU-4	d	Dimethylaminoazobenzene	60-11-7	ug/L	5/7/2007	11.1	n/a	ND	
GU-4	d	3,3-Dimethylbenzidine	119-93-7	ug/L	5/7/2007	55.6	n/a	ND	
GU-4	d	2,4-Dimethylphenol	105-67-9	ug/L	5/7/2007	11.1	n/a	ND	
GU-4	d	Dimethyl phthalate	131-11-3	ug/L	5/7/2007	11.1	n/a	ND	
GU-4	d	1,3-Dinitrobenzene	99-65-0	ug/L	5/7/2007	11.1	n/a	ND	
GU-4	d	4,6-Dinitro-2-methylphenol	534-52-1	ug/L	5/7/2007	27.8	n/a	ND	
GU-4	d	2,4-Dinitrophenol	51-28-5	ug/L	5/7/2007	27.8	n/a	ND	
GU-4	d	2,4-Dinitrotoluene	121-14-2	ug/L	5/7/2007	11.1	n/a	ND	
GU-4	d	2,6-Dinitrotoluene	606-20-2	ug/L	5/7/2007	11.1	n/a	ND	
GU-4	d	Di-n-octyl phthalate	117-84-0	ug/L	5/7/2007	11.1	n/a	ND	
GU-4	d	Diphenylamine	122-39-4	ug/L	5/7/2007	11.1	n/a	ND	
GU-4	d	Disulfoton	298-04-4	ug/L	5/7/2007	11.1	n/a	ND	
GU-4	d	Ethyl Methanesulfonate	62-50-0	ug/L	5/7/2007	11.1	n/a	ND	
GU-4	d	Famphur	52-85-7	ug/L	5/7/2007	11.1	n/a	ND	
GU-4	d	Fluoranthene	206-44-0	ug/L	5/7/2007	11.1	n/a	ND	
GU-4	d	Fluorene	86-73-7	ug/L	5/7/2007	11.1	n/a	ND	
GU-4	d	Hexachlorobenzene	118-74-1	ug/L	5/7/2007	11.1	n/a	ND	
GU-4	d	Hexachlorobutadiene	87-68-3	ug/L	5/7/2007	11.1	n/a	ND	
GU-4	d	Hexachlorocyclopentadiene	77-47-4	ug/L	5/7/2007	11.1	n/a	ND	
GU-4	d	Hexachloroethane	67-72-1	ug/L	5/7/2007	11.1	n/a	ND	
GU-4	d	Hexachloropropene	1888-71-7	ug/L	5/7/2007	11.1	n/a	ND	
GU-4	d	Indeno [1,2,3-cd] pyrene	193-39-5	ug/L	5/7/2007	11.1	n/a	ND	
GU-4	d	Isodrin	465-73-6	ug/L	5/7/2007	11.1	n/a	ND	
GU-4	d	Isophorone	78-59-1	ug/L	5/7/2007	11.1	n/a	ND	
GU-4	d	Isosafrole	120-58-1	ug/L	5/7/2007	55.6	n/a	ND	
GU-4	d	Kepone	143-50-0	ug/L	5/7/2007	11.1	n/a	ND	
GU-4	d	Methapyrilene	91-80-5	ug/L	5/7/2007	55.6	n/a	ND	
GU-4	d	3-Methylcholanthrene	56-49-5	ug/L	5/7/2007	11.1	n/a	ND	
GU-4	d	Methyl Methanesulfonate	66-27-3	ug/L	5/7/2007	11.1	n/a	ND	
GU-4	d	2-Methylnaphthalene	91-57-6	ug/L	5/7/2007	11.1	n/a	ND	
GU-4	d	Parathion-methyl	298-00-0	ug/L	5/7/2007	11.1	n/a	ND	
GU-4	d	1,4-Naphthoquinone	130-15-4	ug/L	5/7/2007	11.1	n/a	ND	
GU-4	d	1-Naphthylamine	134-32-7	ug/L	5/7/2007	11.1	n/a	ND	
GU-4	d	2-Naphthylamine	91-59-8	ug/L	5/7/2007	11.1	n/a	ND	
GU-4	d	2-Nitroaniline	88-74-4	ug/L	5/7/2007	27.8	n/a	ND	
GU-4	d	3-Nitroaniline	99-09-2	ug/L	5/7/2007	27.8	n/a	ND	

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GU-4	d	4-Nitroaniline	100-01-6	ug/L	5/7/2007	27.8	n/a	ND	
GU-4	d	Nitrobenzene	98-95-3	ug/L	5/7/2007	11.1	n/a	ND	
GU-4	d	2-Nitrophenol	88-75-5	ug/L	5/7/2007	11.1	n/a	ND	
GU-4	d	4-Nitrophenol	100-02-7	ug/L	5/7/2007	13.96	n/a	ND	
GU-4	d	N-Nitrosodi-n-butylamine	924-16-3	ug/L	5/7/2007	11.1	n/a	ND	
GU-4	d	N-Nitrosodiethylamine	55-18-5	ug/L	5/7/2007	11.1	n/a	ND	
GU-4	d	N-Nitrosodimethylamine	62-75-9	ug/L	5/7/2007	11.1	n/a	ND	
GU-4	d	N-Nitrosodiphenylamine	86-30-6	ug/L	5/7/2007	11.1	n/a	ND	
GU-4	d	N-Nitrosodi-n-propylamine	621-64-7	ug/L	5/7/2007	11.1	n/a	ND	
GU-4	d	N-Nitrosomethylethylamine	10595-95-6	ug/L	5/7/2007	11.1	n/a	ND	
GU-4	d	N-Nitrosopiperidine	100-75-4	ug/L	5/7/2007	11.1	n/a	ND	
GU-4	d	N-Nitrosopyrrolidine	930-55-2	ug/L	5/7/2007	11.1	n/a	ND	
GU-4	d	5-Nitro-o-toluidine	99-55-8	ug/L	5/7/2007	11.1	n/a	ND	
GU-4	d	Parathion-ethyl	56-38-2	ug/L	5/7/2007	11.1	n/a	ND	
GU-4	d	Pentachlorobenzene	608-93-5	ug/L	5/7/2007	11.1	n/a	ND	
GU-4	d	Pentachloronitrobenzene	82-68-8	ug/L	5/7/2007	11.1	n/a	ND	
GU-4	d	Pentachlorophenol [2C]	87-86-5	ug/L	5/7/2007	13.96	n/a	ND	
GU-4	d	Phenacetin	62-44-2	ug/L	5/7/2007	11.1	n/a	ND	
GU-4	d	Phenanthrene	85-01-8	ug/L	5/7/2007	11.1	n/a	ND	
GU-4	d	Phenol	108-95-2	ug/L	5/7/2007	11.1	n/a	ND	
GU-4	d	1,4-Phenylenediamine	106-50-3	ug/L	5/7/2007	55.6	n/a	ND	
GU-4	d	Phorate	298-02-2	ug/L	5/7/2007	11.1	n/a	ND	
GU-4	d	Pronamide	23950-58-5	ug/L	5/7/2007	11.1	n/a	ND	
GU-4	d	Pyrene	129-00-0	ug/L	5/7/2007	11.1	n/a	ND	
GU-4	d	Safrole	94-59-7	ug/L	5/7/2007	11.1	n/a	ND	
GU-4	d	1,2,4,5-Tetrachlorobenzene	95-94-3	ug/L	5/7/2007	11.1	n/a	ND	
GU-4	d	2,3,4,6-Tetrachlorophenol	58-90-2	ug/L	5/7/2007	11.1	n/a	ND	
GU-4	d	o-Toluidine	95-53-4	ug/L	5/7/2007	11.1	n/a	ND	
GU-4	d	2,4,5-Trichlorophenol	95-95-4	ug/L	5/7/2007	27.8	n/a	ND	
GU-4	d	2,4,6-Trichlorophenol	88-06-2	ug/L	5/7/2007	11.1	n/a	ND	
GU-4	d	O,O,O-Triethyl phosphorothioate	126-68-1	ug/L	5/7/2007	11.1	n/a	ND	
GU-4	d	1,3,5-Trinitrobenzene	99-35-4	ug/L	5/7/2007	11.1	n/a	ND	
GU-4	d	Pentachloroethane	76-01-7	ug/L	5/7/2007	11.1	n/a	ND	
GU-4	d	Dinoseb	88-85-7	ug/L	5/7/2007	0.111	n/a	ND	
GU-4	d	Acetonitrile	75-05-8	ug/L	5/7/2007	10	n/a	ND	
GU-4	d	Isobutanol	78-83-1	mg/L	5/7/2007	10	n/a	ND	
GU-4	d	PCB-1016	12674-11-2	ug/L	5/7/2007	0.8	n/a	ND	
GU-4	d	PCB-1221	11104-28-2	ug/L	5/7/2007	0.8	n/a	ND	
GU-4	d	PCB-1232	11141-16-5	ug/L	5/7/2007	0.8	n/a	ND	
GU-4	d	PCB-1242	53469-21-9	ug/L	5/7/2007	0.8	n/a	ND	
GU-4	d	PCB-1248	12672-29-6	ug/L	5/7/2007	0.8	n/a	ND	
GU-4	d	PCB-1254	11097-69-1	ug/L	5/7/2007	0.8	n/a	ND	
GU-4	d	PCB-1260	11096-82-5	ug/L	5/7/2007	0.8	n/a	ND	
GU-4	d	PCB-1268	11100-14-4	ug/L	5/7/2007	0.8	n/a	ND	
GU-4	d	Cyanide	57-12-5	mg/L	5/7/2007	0.01	n/a	ND	
GU-4	d	Sulfide	18496-25-8	mg/L	5/7/2007	n/a	n/a		1.6
GU-4	d	2,4-D [2C]	94-75-7	ug/L	5/7/2007	0.111	n/a	ND	
GU-4	d	2,4,5-TP [Silvex] [2C]	93-72-1	ug/L	5/7/2007	0.111	n/a	ND	
GU-4	d	2,4,5-T [2C]	93-76-5	ug/L	5/7/2007	0.111	n/a	ND	
GU-4	d	alpha-BHC	319-84-6	ug/L	5/7/2007	0.05	n/a	ND	
GU-4	d	beta-BHC	319-85-7	ug/L	5/7/2007	0.05	n/a	ND	
GU-4	d	Dieldrin	60-57-1	ug/L	5/7/2007	0.05	n/a	ND	
GU-4	d	4,4'-DDE	72-55-9	ug/L	5/7/2007	0.05	n/a	ND	
GU-4	d	delta-BHC	319-86-8	ug/L	5/7/2007	0.05	n/a	ND	
GU-4	d	Endrin	72-20-8	ug/L	5/7/2007	0.05	n/a	ND	
GU-4	d	gamma-BHC [Lindane]	58-89-9	ug/L	5/7/2007	0.05	n/a	ND	
GU-4	d	Endosulfan II	33213-65-9	ug/L	5/7/2007	0.05	n/a	ND	
GU-4	d	Heptachlor	76-44-8	ug/L	5/7/2007	0.05	n/a	ND	
GU-4	d	4,4'-DDD	72-54-8	ug/L	5/7/2007	0.05	n/a	ND	
GU-4	d	Aldrin	309-00-2	ug/L	5/7/2007	0.05	n/a	ND	
GU-4	d	Endosulfan sulfate	1031-07-8	ug/L	5/7/2007	0.05	n/a	ND	
GU-4	d	Heptachlor epoxide	1024-57-3	ug/L	5/7/2007	0.05	n/a	ND	
GU-4	d	4,4'-DDT	50-29-3	ug/L	5/7/2007	0.05	n/a	ND	
GU-4	d	Endosulfan I	959-98-8	ug/L	5/7/2007	0.05	n/a	ND	
GU-4	d	Methoxychlor	72-43-5	ug/L	5/7/2007	0.05	n/a	ND	
GU-4	d	alpha-Chlordane	5103-71-9	ug/L	5/7/2007	0.05	n/a	ND	
GU-4	d	gamma-Chlordane	5566-34-7	ug/L	5/7/2007	0.05	n/a	ND	
GU-4	d	Toxaphene	8001-35-2	ug/L	5/7/2007	5	n/a	ND	
GU-4	d	Endrin aldehyde	7421-93-4	ug/L	5/7/2007	0.05	n/a	ND	
GU-4	d	Endrin ketone	53494-70-5	ug/L	5/7/2007	0.05	n/a	ND	
GU-4	d	Chlordane	57-74-9	ug/L	5/7/2007	3	n/a	ND	
GU-4	d	2,4-DB	94-82-6	ug/L	5/7/2007	0.111	n/a	ND	
GU-4	d	Dalapon	75-99-0	ug/L	5/7/2007	1.11	n/a	ND	
GU-4	d	Dicamba	1918-00-9	ug/L	5/7/2007	0.111	n/a	ND	
GU-4	d	Dichloroprop	120-36-5	ug/L	5/7/2007	0.111	n/a	ND	

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GU-4	d	MCPA	94-74-6	ug/L	5/7/2007	11.1	n/a	ND	
GU-4	d	MCPP	7085-19-0	ug/L	5/7/2007	11.1	n/a	ND	
GU-4	d	Picloram	2/1/1918	ug/L	5/7/2007	0.333	n/a	ND	
GU-4BG	u	Antimony	7440-36-0	mg/L	5/7/2007	0.006	n/a	ND	
GU-4BG	u	Arsenic	7440-38-2	mg/L	5/7/2007	0.001	n/a	ND	
GU-4BG	u	Barium	7440-39-3	mg/L	5/7/2007	n/a	n/a		0.0167
GU-4BG	u	Beryllium	7440-41-7	mg/L	5/7/2007	0.001	n/a	ND	
GU-4BG	u	Cadmium	7440-43-9	mg/L	5/7/2007	0.0005	n/a	ND	
GU-4BG	u	Chromium	7440-47-3	mg/L	5/7/2007	0.02	n/a	ND	
GU-4BG	u	Cobalt	7440-48-4	mg/L	5/7/2007	0.02	n/a	ND	
GU-4BG	u	Copper	7440-50-8	mg/L	5/7/2007	0.02	n/a	ND	
GU-4BG	u	Lead	7439-92-1	mg/L	5/7/2007	0.004	n/a	ND	
GU-4BG	u	Nickel	7440-02-0	mg/L	5/7/2007	0.05	n/a	ND	
GU-4BG	u	Selenium	7782-49-2	mg/L	5/7/2007	0.005	n/a	ND	
GU-4BG	u	Silver	7440-22-4	mg/L	5/7/2007	0.02	n/a	ND	
GU-4BG	u	Thallium	7440-28-0	mg/L	5/7/2007	0.002	n/a	ND	
GU-4BG	u	Vanadium	7440-62-2	mg/L	5/7/2007	0.05	n/a	ND	
GU-4BG	u	Zinc	7440-66-6	mg/L	5/7/2007	n/a	n/a		0.0241
GU-4BG	u	Mercury	7439-97-6	mg/L	5/7/2007	0.0002	n/a	ND	
GU-4BG	u	Tin	7440-31-5	mg/L	5/7/2007	0.1	n/a	ND	
GU-4BG	u	Acetone	67-64-1	ug/L	5/7/2007	10	n/a	ND	
GU-4BG	u	Acrylonitrile	107-13-1	ug/L	5/7/2007	10	n/a	ND	
GU-4BG	u	Benzene	71-43-2	ug/L	5/7/2007	0.5	n/a	ND	
GU-4BG	u	Bromochloromethane	74-97-5	ug/L	5/7/2007	5	n/a	ND	
GU-4BG	u	Bromodichloromethane	75-27-4	ug/L	5/7/2007	1	n/a	ND	
GU-4BG	u	Bromoform	75-25-2	ug/L	5/7/2007	5	n/a	ND	
GU-4BG	u	Carbon disulfide	75-15-0	ug/L	5/7/2007	1	n/a	ND	
GU-4BG	u	Carbon Tetrachloride	56-23-5	ug/L	5/7/2007	2	n/a	ND	
GU-4BG	u	Chlorobenzene	108-90-7	ug/L	5/7/2007	1	n/a	ND	
GU-4BG	u	Chloroethane	75-00-3	ug/L	5/7/2007	4	n/a	ND	
GU-4BG	u	Chloroform	67-66-3	ug/L	5/7/2007	1	n/a	ND	
GU-4BG	u	Chlorodibromomethane	124-48-1	ug/L	5/7/2007	5	n/a	ND	
GU-4BG	u	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	5/7/2007	10	n/a	ND	
GU-4BG	u	1,2-Dibromoethane [EDB]	106-93-4	ug/L	5/7/2007	10	n/a	ND	
GU-4BG	u	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	5/7/2007	10	n/a	ND	
GU-4BG	u	1,1-Dichloroethane	75-34-3	ug/L	5/7/2007	1	n/a	ND	
GU-4BG	u	1,2-Dichloroethane	107-06-2	ug/L	5/7/2007	1	n/a	ND	
GU-4BG	u	1,1-Dichloroethene	75-35-4	ug/L	5/7/2007	2	n/a	ND	
GU-4BG	u	cis-1,2-Dichloroethene	156-59-2	ug/L	5/7/2007	1	n/a	ND	
GU-4BG	u	trans-1,2-Dichloroethene	156-60-5	ug/L	5/7/2007	1	n/a	ND	
GU-4BG	u	1,2-Dichloropropane	78-87-5	ug/L	5/7/2007	1	n/a	ND	
GU-4BG	u	cis-1,3-Dichloropropene	10061-01-5	ug/L	5/7/2007	5	n/a	ND	
GU-4BG	u	trans-1,3-Dichloropropene	10061-02-6	ug/L	5/7/2007	5	n/a	ND	
GU-4BG	u	1,2-Dichlorobenzene	95-50-1	ug/L	5/7/2007	11.1	n/a	ND	
GU-4BG	u	1,4-Dichlorobenzene	106-46-7	ug/L	5/7/2007	11.1	n/a	ND	
GU-4BG	u	Ethylbenzene	100-41-4	ug/L	5/7/2007	1	n/a	ND	
GU-4BG	u	2-Hexanone	591-78-6	ug/L	5/7/2007	10	n/a	ND	
GU-4BG	u	Bromomethane	74-83-9	ug/L	5/7/2007	4	n/a	ND	
GU-4BG	u	Chloromethane	74-87-3	ug/L	5/7/2007	3	n/a	ND	
GU-4BG	u	2-Butanone	78-93-3	ug/L	5/7/2007	10	n/a	ND	
GU-4BG	u	Iodomethane	74-88-4	ug/L	5/7/2007	10	n/a	ND	
GU-4BG	u	4-Methyl-2-pentanone	108-10-1	ug/L	5/7/2007	10	n/a	ND	
GU-4BG	u	Methylene Bromide	74-95-3	ug/L	5/7/2007	1	n/a	ND	
GU-4BG	u	Methylene Chloride	75-09-2	ug/L	5/7/2007	5	n/a	ND	
GU-4BG	u	Styrene	100-42-5	ug/L	5/7/2007	1	n/a	ND	
GU-4BG	u	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	5/7/2007	1	n/a	ND	
GU-4BG	u	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	5/7/2007	1	n/a	ND	
GU-4BG	u	Tetrachloroethene	127-18-4	ug/L	5/7/2007	1	n/a	ND	
GU-4BG	u	Toluene	108-88-3	ug/L	5/7/2007	1	n/a	ND	
GU-4BG	u	1,1,1-Trichloroethane	71-55-6	ug/L	5/7/2007	1	n/a	ND	
GU-4BG	u	1,1,2-Trichloroethane	79-00-5	ug/L	5/7/2007	1	n/a	ND	
GU-4BG	u	Trichloroethene	79-01-6	ug/L	5/7/2007	1	n/a	ND	
GU-4BG	u	Trichlorofluoromethane	75-69-4	ug/L	5/7/2007	4	n/a	ND	
GU-4BG	u	1,2,3-Trichloropropane	96-18-4	ug/L	5/7/2007	1	n/a	ND	
GU-4BG	u	Vinyl acetate	108-05-4	ug/L	5/7/2007	2	n/a	ND	
GU-4BG	u	Vinyl chloride	75-01-4	ug/L	5/7/2007	1	n/a	ND	
GU-4BG	u	Xylenes, total	1330-20-7	ug/L	5/7/2007	3	n/a	ND	
GU-4BG	u	Acrolein	107-02-8	ug/L	5/7/2007	10	n/a	ND	
GU-4BG	u	3-Chloropropene	107-05-1	ug/L	5/7/2007	2	n/a	ND	
GU-4BG	u	Chloroprene	126-99-8	ug/L	5/7/2007	1	n/a	ND	
GU-4BG	u	Dichlorodifluoromethane	75-71-8	ug/L	5/7/2007	3	n/a	ND	
GU-4BG	u	1,3-Dichloropropane	142-28-9	ug/L	5/7/2007	1	n/a	ND	
GU-4BG	u	2,2-Dichloropropane	594-20-7	ug/L	5/7/2007	4	n/a	ND	
GU-4BG	u	1,1-Dichloropropene	563-58-6	ug/L	5/7/2007	1	n/a	ND	
GU-4BG	u	1,3-Dichlorobenzene	541-73-1	ug/L	5/7/2007	11.1	n/a	ND	

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GU-4BG	u	Ethyl Methacrylate	97-63-2	ug/L	5/7/2007	2	n/a	ND	
GU-4BG	u	Methacrylonitrile	126-98-7	ug/L	5/7/2007	1	n/a	ND	
GU-4BG	u	Methyl Methacrylate	80-62-6	ug/L	5/7/2007	2	n/a	ND	
GU-4BG	u	Naphthalene	91-20-3	ug/L	5/7/2007	11.1	n/a	ND	
GU-4BG	u	Propionitrile	107-12-0	ug/L	5/7/2007	10	n/a	ND	
GU-4BG	u	1,2,4-Trichlorobenzene	120-82-1	ug/L	5/7/2007	8.05	n/a	ND	
GU-4BG	u	Acenaphthene	83-32-9	ug/L	5/7/2007	11.1	n/a	ND	
GU-4BG	u	Acenaphthylene	208-96-8	ug/L	5/7/2007	11.1	n/a	ND	
GU-4BG	u	Acetophenone	98-86-2	ug/L	5/7/2007	11.1	n/a	ND	
GU-4BG	u	2-Acetylaminofluorene	53-96-3	ug/L	5/7/2007	11.1	n/a	ND	
GU-4BG	u	4-Aminobiphenyl	92-67-1	ug/L	5/7/2007	11.1	n/a	ND	
GU-4BG	u	Anthracene	120-12-7	ug/L	5/7/2007	11.1	n/a	ND	
GU-4BG	u	Benzo [a] anthracene	56-55-3	ug/L	5/7/2007	11.1	n/a	ND	
GU-4BG	u	Benzo [b] fluoranthene	205-99-2	ug/L	5/7/2007	11.1	n/a	ND	
GU-4BG	u	Benzo [k] fluoranthene	207-08-9	ug/L	5/7/2007	11.1	n/a	ND	
GU-4BG	u	Benzo [g,h,i] perylene	191-24-2	ug/L	5/7/2007	11.1	n/a	ND	
GU-4BG	u	Benzo [a] pyrene	50-32-8	ug/L	5/7/2007	11.1	n/a	ND	
GU-4BG	u	Benzyl alcohol	100-51-6	ug/L	5/7/2007	55.6	n/a	ND	
GU-4BG	u	Bis[2-chloroethoxy]methane	111-91-1	ug/L	5/7/2007	11.1	n/a	ND	
GU-4BG	u	Bis[2-chloroethyl]ether	111-44-4	ug/L	5/7/2007	11.1	n/a	ND	
GU-4BG	u	Bis[2-chloroisopropyl]ether	108-60-1	ug/L	5/7/2007	11.1	n/a	ND	
GU-4BG	u	Bis[2-ethylhexyl]phthalate	117-81-7	ug/L	5/7/2007	11.1	n/a	ND	
GU-4BG	u	4-Bromophenyl phenyl ether	101-55-3	ug/L	5/7/2007	11.1	n/a	ND	
GU-4BG	u	Butyl benzyl phthalate	85-68-7	ug/L	5/7/2007	11.1	n/a	ND	
GU-4BG	u	4-Chloroaniline	106-47-8	ug/L	5/7/2007	11.1	n/a	ND	
GU-4BG	u	Chlorobenzilate	510-15-6	ug/L	5/7/2007	55.6	n/a	ND	
GU-4BG	u	4-Chloro-3-methylphenol	59-50-7	ug/L	5/7/2007	11.1	n/a	ND	
GU-4BG	u	2-Chloronaphthalene	91-58-7	ug/L	5/7/2007	11.1	n/a	ND	
GU-4BG	u	2-Chlorophenol	95-57-8	ug/L	5/7/2007	11.1	n/a	ND	
GU-4BG	u	4-Chlorophenyl phenyl ether	7005-72-3	ug/L	5/7/2007	11.1	n/a	ND	
GU-4BG	u	Chrysene	218-01-9	ug/L	5/7/2007	11.1	n/a	ND	
GU-4BG	u	3/4-Methylphenol	T-34MP	ug/L	5/7/2007	11.1	n/a	ND	
GU-4BG	u	2-Methylphenol	95-48-7	ug/L	5/7/2007	11.1	n/a	ND	
GU-4BG	u	Diallate [cis or trans]	2303-16-4	ug/L	5/7/2007	55.6	n/a	ND	
GU-4BG	u	Dibenz [a,h] anthracene	53-70-3	ug/L	5/7/2007	11.1	n/a	ND	
GU-4BG	u	Dibenzofuran	132-64-9	ug/L	5/7/2007	11.1	n/a	ND	
GU-4BG	u	Di-n-butyl phthalate	84-74-2	ug/L	5/7/2007	11.1	n/a	ND	
GU-4BG	u	3,3-Dichlorobenzidine	91-94-1	ug/L	5/7/2007	11.1	n/a	ND	
GU-4BG	u	2,4-Dichlorophenol	120-83-2	ug/L	5/7/2007	11.1	n/a	ND	
GU-4BG	u	2,6-Dichlorophenol	87-65-0	ug/L	5/7/2007	22.2	n/a	ND	
GU-4BG	u	Diethyl phthalate	84-66-2	ug/L	5/7/2007	11.1	n/a	ND	
GU-4BG	u	Thionazin	297-97-2	ug/L	5/7/2007	11.1	n/a	ND	
GU-4BG	u	7,12-Dimethylbenz [a] anthracene	57-97-6	ug/L	5/7/2007	11.1	n/a	ND	
GU-4BG	u	Dimethoate	60-51-5	ug/L	5/7/2007	11.1	n/a	ND	
GU-4BG	u	Dimethylaminoazobenzene	60-11-7	ug/L	5/7/2007	11.1	n/a	ND	
GU-4BG	u	3,3-Dimethylbenzidine	119-93-7	ug/L	5/7/2007	55.6	n/a	ND	
GU-4BG	u	2,4-Dimethylphenol	105-67-9	ug/L	5/7/2007	11.1	n/a	ND	
GU-4BG	u	Dimethyl phthalate	131-11-3	ug/L	5/7/2007	11.1	n/a	ND	
GU-4BG	u	1,3-Dinitrobenzene	99-65-0	ug/L	5/7/2007	11.1	n/a	ND	
GU-4BG	u	4,6-Dinitro-2-methylphenol	534-52-1	ug/L	5/7/2007	27.8	n/a	ND	
GU-4BG	u	2,4-Dinitrophenol	51-28-5	ug/L	5/7/2007	27.8	n/a	ND	
GU-4BG	u	2,4-Dinitrotoluene	121-14-2	ug/L	5/7/2007	11.1	n/a	ND	
GU-4BG	u	2,6-Dinitrotoluene	606-20-2	ug/L	5/7/2007	11.1	n/a	ND	
GU-4BG	u	Di-n-octyl phthalate	117-84-0	ug/L	5/7/2007	11.1	n/a	ND	
GU-4BG	u	Diphenylamine	122-39-4	ug/L	5/7/2007	11.1	n/a	ND	
GU-4BG	u	Disulfoton	298-04-4	ug/L	5/7/2007	11.1	n/a	ND	
GU-4BG	u	Ethyl Methanesulfonate	62-50-0	ug/L	5/7/2007	11.1	n/a	ND	
GU-4BG	u	Famphur	52-85-7	ug/L	5/7/2007	11.1	n/a	ND	
GU-4BG	u	Fluoranthene	206-44-0	ug/L	5/7/2007	11.1	n/a	ND	
GU-4BG	u	Fluorene	86-73-7	ug/L	5/7/2007	11.1	n/a	ND	
GU-4BG	u	Hexachlorobenzene	118-74-1	ug/L	5/7/2007	11.1	n/a	ND	
GU-4BG	u	Hexachlorobutadiene	87-68-3	ug/L	5/7/2007	11.1	n/a	ND	
GU-4BG	u	Hexachlorocyclopentadiene	77-47-4	ug/L	5/7/2007	11.1	n/a	ND	
GU-4BG	u	Hexachloroethane	67-72-1	ug/L	5/7/2007	11.1	n/a	ND	
GU-4BG	u	Hexachloropropene	1888-71-7	ug/L	5/7/2007	11.1	n/a	ND	
GU-4BG	u	Indeno [1,2,3-cd] pyrene	193-39-5	ug/L	5/7/2007	11.1	n/a	ND	
GU-4BG	u	Isodrin	465-73-6	ug/L	5/7/2007	11.1	n/a	ND	
GU-4BG	u	Isophorone	78-59-1	ug/L	5/7/2007	11.1	n/a	ND	
GU-4BG	u	Isosafrole	120-58-1	ug/L	5/7/2007	55.6	n/a	ND	
GU-4BG	u	Kepone	143-50-0	ug/L	5/7/2007	11.1	n/a	ND	
GU-4BG	u	Methapyrilene	91-80-5	ug/L	5/7/2007	55.6	n/a	ND	
GU-4BG	u	3-Methylcholanthrene	56-49-5	ug/L	5/7/2007	11.1	n/a	ND	
GU-4BG	u	Methyl Methanesulfonate	66-27-3	ug/L	5/7/2007	11.1	n/a	ND	
GU-4BG	u	2-Methylnaphthalene	91-57-6	ug/L	5/7/2007	11.1	n/a	ND	
GU-4BG	u	Parathion-methyl	298-00-0	ug/L	5/7/2007	11.1	n/a	ND	

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GU-4BG	u	1,4-Naphthoquinone	130-15-4	ug/L	5/7/2007	11.1	n/a	ND	
GU-4BG	u	1-Naphthylamine	134-32-7	ug/L	5/7/2007	11.1	n/a	ND	
GU-4BG	u	2-Naphthylamine	91-59-8	ug/L	5/7/2007	11.1	n/a	ND	
GU-4BG	u	2-Nitroaniline	88-74-4	ug/L	5/7/2007	27.8	n/a	ND	
GU-4BG	u	3-Nitroaniline	99-09-2	ug/L	5/7/2007	27.8	n/a	ND	
GU-4BG	u	4-Nitroaniline	100-01-6	ug/L	5/7/2007	27.8	n/a	ND	
GU-4BG	u	Nitrobenzene	98-95-3	ug/L	5/7/2007	11.1	n/a	ND	
GU-4BG	u	2-Nitrophenol	88-75-5	ug/L	5/7/2007	11.1	n/a	ND	
GU-4BG	u	4-Nitrophenol	100-02-7	ug/L	5/7/2007	13.96	n/a	ND	
GU-4BG	u	N-Nitrosodi-n-butylamine	924-16-3	ug/L	5/7/2007	11.1	n/a	ND	
GU-4BG	u	N-Nitrosodiethylamine	55-18-5	ug/L	5/7/2007	11.1	n/a	ND	
GU-4BG	u	N-Nitrosodimethylamine	62-75-9	ug/L	5/7/2007	11.1	n/a	ND	
GU-4BG	u	N-Nitrosodiphenylamine	86-30-6	ug/L	5/7/2007	11.1	n/a	ND	
GU-4BG	u	N-Nitrosodi-n-propylamine	621-64-7	ug/L	5/7/2007	11.1	n/a	ND	
GU-4BG	u	N-Nitrosomethylethylamine	10595-95-6	ug/L	5/7/2007	11.1	n/a	ND	
GU-4BG	u	N-Nitrosopiperidine	100-75-4	ug/L	5/7/2007	11.1	n/a	ND	
GU-4BG	u	N-Nitrosopyrrolidine	930-55-2	ug/L	5/7/2007	11.1	n/a	ND	
GU-4BG	u	5-Nitro-o-toluidine	99-55-8	ug/L	5/7/2007	11.1	n/a	ND	
GU-4BG	u	Parathion-ethyl	56-38-2	ug/L	5/7/2007	11.1	n/a	ND	
GU-4BG	u	Pentachlorobenzene	608-93-5	ug/L	5/7/2007	11.1	n/a	ND	
GU-4BG	u	Pentachloronitrobenzene	82-68-8	ug/L	5/7/2007	11.1	n/a	ND	
GU-4BG	u	Pentachlorophenol [2C]	87-86-5	ug/L	5/7/2007	13.96	n/a	ND	
GU-4BG	u	Phenacetin	62-44-2	ug/L	5/7/2007	11.1	n/a	ND	
GU-4BG	u	Phenanthrene	85-01-8	ug/L	5/7/2007	11.1	n/a	ND	
GU-4BG	u	Phenol	108-95-2	ug/L	5/7/2007	11.1	n/a	ND	
GU-4BG	u	1,4-Phenylenediamine	106-50-3	ug/L	5/7/2007	55.6	n/a	ND	
GU-4BG	u	Phorate	298-02-2	ug/L	5/7/2007	11.1	n/a	ND	
GU-4BG	u	Pronamide	23950-58-5	ug/L	5/7/2007	11.1	n/a	ND	
GU-4BG	u	Pyrene	129-00-0	ug/L	5/7/2007	11.1	n/a	ND	
GU-4BG	u	Safrole	94-59-7	ug/L	5/7/2007	11.1	n/a	ND	
GU-4BG	u	1,2,4,5-Tetrachlorobenzene	95-94-3	ug/L	5/7/2007	11.1	n/a	ND	
GU-4BG	u	2,3,4,6-Tetrachlorophenol	58-90-2	ug/L	5/7/2007	11.1	n/a	ND	
GU-4BG	u	o-Toluidine	95-53-4	ug/L	5/7/2007	11.1	n/a	ND	
GU-4BG	u	2,4,5-Trichlorophenol	95-95-4	ug/L	5/7/2007	27.8	n/a	ND	
GU-4BG	u	2,4,6-Trichlorophenol	88-06-2	ug/L	5/7/2007	11.1	n/a	ND	
GU-4BG	u	O,O,O-Triethyl phosphorothioate	126-68-1	ug/L	5/7/2007	11.1	n/a	ND	
GU-4BG	u	1,3,5-Trinitrobenzene	99-35-4	ug/L	5/7/2007	11.1	n/a	ND	
GU-4BG	u	Pentachloroethane	76-01-7	ug/L	5/7/2007	11.1	n/a	ND	
GU-4BG	u	Dinoseb	88-85-7	ug/L	5/7/2007	0.111	n/a	ND	
GU-4BG	u	Acetonitrile	75-05-8	ug/L	5/7/2007	10	n/a	ND	
GU-4BG	u	Isobutanol	78-83-1	mg/L	5/7/2007	10	n/a	ND	
GU-4BG	u	PCB-1016	12674-11-2	ug/L	5/7/2007	0.8	n/a	ND	
GU-4BG	u	PCB-1221	11104-28-2	ug/L	5/7/2007	0.8	n/a	ND	
GU-4BG	u	PCB-1232	11141-16-5	ug/L	5/7/2007	0.8	n/a	ND	
GU-4BG	u	PCB-1242	53469-21-9	ug/L	5/7/2007	0.8	n/a	ND	
GU-4BG	u	PCB-1248	12672-29-6	ug/L	5/7/2007	0.8	n/a	ND	
GU-4BG	u	PCB-1254	11097-69-1	ug/L	5/7/2007	0.8	n/a	ND	
GU-4BG	u	PCB-1260	11096-82-5	ug/L	5/7/2007	0.8	n/a	ND	
GU-4BG	u	PCB-1268	11100-14-4	ug/L	5/7/2007	0.8	n/a	ND	
GU-4BG	u	Cyanide	57-12-5	mg/L	5/7/2007	0.01	n/a	ND	
GU-4BG	u	Sulfide	18496-25-8	mg/L	5/7/2007	n/a	n/a		1.6
GU-4BG	u	2,4-D [2C]	94-75-7	ug/L	5/7/2007	0.111	n/a	ND	
GU-4BG	u	2,4,5-TP [Silvex] [2C]	93-72-1	ug/L	5/7/2007	0.111	n/a	ND	
GU-4BG	u	2,4,5-T [2C]	93-76-5	ug/L	5/7/2007	0.111	n/a	ND	
GU-4BG	u	alpha-BHC	319-84-6	ug/L	5/7/2007	0.05	n/a	ND	
GU-4BG	u	beta-BHC	319-85-7	ug/L	5/7/2007	0.05	n/a	ND	
GU-4BG	u	Dieldrin	60-57-1	ug/L	5/7/2007	0.05	n/a	ND	
GU-4BG	u	4,4'-DDE	72-55-9	ug/L	5/7/2007	0.05	n/a	ND	
GU-4BG	u	delta-BHC	319-86-8	ug/L	5/7/2007	0.05	n/a	ND	
GU-4BG	u	Endrin	72-20-8	ug/L	5/7/2007	0.05	n/a	ND	
GU-4BG	u	gamma-BHC [Lindane]	58-89-9	ug/L	5/7/2007	0.05	n/a	ND	
GU-4BG	u	Endosulfan II	33213-65-9	ug/L	5/7/2007	0.05	n/a	ND	
GU-4BG	u	Heptachlor	76-44-8	ug/L	5/7/2007	0.05	n/a	ND	
GU-4BG	u	4,4'-DDD	72-54-8	ug/L	5/7/2007	0.05	n/a	ND	
GU-4BG	u	Aldrin	309-00-2	ug/L	5/7/2007	0.05	n/a	ND	
GU-4BG	u	Endosulfan sulfate	1031-07-8	ug/L	5/7/2007	0.05	n/a	ND	
GU-4BG	u	Heptachlor epoxide	1024-57-3	ug/L	5/7/2007	0.05	n/a	ND	
GU-4BG	u	4,4'-DDT	50-29-3	ug/L	5/7/2007	0.05	n/a	ND	
GU-4BG	u	Endosulfan I	959-98-8	ug/L	5/7/2007	0.05	n/a	ND	
GU-4BG	u	Methoxychlor	72-43-5	ug/L	5/7/2007	0.05	n/a	ND	
GU-4BG	u	alpha-Chlordane	5103-71-9	ug/L	5/7/2007	0.05	n/a	ND	
GU-4BG	u	gamma-Chlordane	5566-34-7	ug/L	5/7/2007	0.05	n/a	ND	
GU-4BG	u	Toxaphene	8001-35-2	ug/L	5/7/2007	5	n/a	ND	
GU-4BG	u	Endrin aldehyde	7421-93-4	ug/L	5/7/2007	0.05	n/a	ND	
GU-4BG	u	Endrin ketone	53494-70-5	ug/L	5/7/2007	0.05	n/a	ND	

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GU-4BG	u	Chlordane	57-74-9	ug/L	5/7/2007	3	n/a	ND	
GU-4BG	u	2,4-DB	94-82-6	ug/L	5/7/2007	0.111	n/a	ND	
GU-4BG	u	Dalapon	75-99-0	ug/L	5/7/2007	1.11	n/a	ND	
GU-4BG	u	Dicamba	1918-00-9	ug/L	5/7/2007	0.111	n/a	ND	
GU-4BG	u	Dichloroprop	120-36-5	ug/L	5/7/2007	0.111	n/a	ND	
GU-4BG	u	MCPA	94-74-6	ug/L	5/7/2007	11.1	n/a	ND	
GU-4BG	u	MCPP	7085-19-0	ug/L	5/7/2007	11.1	n/a	ND	
GU-4BG	u	Picloram	2/1/1918	ug/L	5/7/2007	0.333	n/a	ND	
MW-26	u	Antimony	7440-36-0	mg/L	5/16/2007	0.006	n/a	ND	
MW-26	u	Arsenic	7440-38-2	mg/L	5/16/2007	0.001	n/a	ND	
MW-26	u	Barium	7440-39-3	mg/L	5/16/2007	n/a	n/a		0.262
MW-26	u	Beryllium	7440-41-7	mg/L	5/16/2007	0.001	n/a	ND	
MW-26	u	Cadmium	7440-43-9	mg/L	5/16/2007	0.0005	n/a	ND	
MW-26	u	Chromium	7440-47-3	mg/L	5/16/2007	0.02	n/a	ND	
MW-26	u	Cobalt	7440-48-4	mg/L	5/16/2007	0.02	n/a	ND	
MW-26	u	Copper	7440-50-8	mg/L	5/16/2007	0.02	n/a	ND	
MW-26	u	Lead	7439-92-1	mg/L	5/16/2007	0.004	n/a	ND	
MW-26	u	Nickel	7440-02-0	mg/L	5/16/2007	0.05	n/a	ND	
MW-26	u	Selenium	7782-49-2	mg/L	5/16/2007	0.005	n/a	ND	
MW-26	u	Silver	7440-22-4	mg/L	5/16/2007	0.02	n/a	ND	
MW-26	u	Thallium	7440-28-0	mg/L	5/16/2007	0.002	n/a	ND	
MW-26	u	Vanadium	7440-62-2	mg/L	5/16/2007	0.05	n/a	ND	
MW-26	u	Zinc	7440-66-6	mg/L	5/16/2007	0.02	n/a	ND	
MW-26	u	Mercury	7439-97-6	mg/L	5/16/2007	0.0002	n/a	ND	
MW-26	u	Tin	7440-31-5	mg/L	5/16/2007	0.1	n/a	ND	
MW-26	u	Acetone	67-64-1	ug/L	5/16/2007	10	n/a	ND	
MW-26	u	Acrylonitrile	107-13-1	ug/L	5/16/2007	10	n/a	ND	
MW-26	u	Benzene	71-43-2	ug/L	5/16/2007	0.5	n/a	ND	
MW-26	u	Bromochloromethane	74-97-5	ug/L	5/16/2007	5	n/a	ND	
MW-26	u	Bromodichloromethane	75-27-4	ug/L	5/16/2007	1	n/a	ND	
MW-26	u	Bromoform	75-25-2	ug/L	5/16/2007	5	n/a	ND	
MW-26	u	Carbon disulfide	75-15-0	ug/L	5/16/2007	1	n/a	ND	
MW-26	u	Carbon Tetrachloride	56-23-5	ug/L	5/16/2007	2	n/a	ND	
MW-26	u	Chlorobenzene	108-90-7	ug/L	5/16/2007	1	n/a	ND	
MW-26	u	Chloroethane	75-00-3	ug/L	5/16/2007	4	n/a	ND	
MW-26	u	Chloroform	67-66-3	ug/L	5/16/2007	1	n/a	ND	
MW-26	u	Chlorodibromomethane	124-48-1	ug/L	5/16/2007	5	n/a	ND	
MW-26	u	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	5/16/2007	10	n/a	ND	
MW-26	u	1,2-Dibromoethane [EDB]	106-93-4	ug/L	5/16/2007	10	n/a	ND	
MW-26	u	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	5/16/2007	10	n/a	ND	
MW-26	u	1,1-Dichloroethane	75-34-3	ug/L	5/16/2007	1	n/a	ND	
MW-26	u	1,2-Dichloroethane	107-06-2	ug/L	5/16/2007	1	n/a	ND	
MW-26	u	1,1-Dichloroethene	75-35-4	ug/L	5/16/2007	2	n/a	ND	
MW-26	u	cis-1,2-Dichloroethene	156-59-2	ug/L	5/16/2007	1	n/a	ND	
MW-26	u	trans-1,2-Dichloroethene	156-60-5	ug/L	5/16/2007	1	n/a	ND	
MW-26	u	1,2-Dichloropropane	78-87-5	ug/L	5/16/2007	1	n/a	ND	
MW-26	u	cis-1,3-Dichloropropene	10061-01-5	ug/L	5/16/2007	5	n/a	ND	
MW-26	u	trans-1,3-Dichloropropene	10061-02-6	ug/L	5/16/2007	5	n/a	ND	
MW-26	u	1,2-Dichlorobenzene	95-50-1	ug/L	5/16/2007	5.5	n/a	ND	
MW-26	u	1,4-Dichlorobenzene	106-46-7	ug/L	5/16/2007	5.5	n/a	ND	
MW-26	u	Ethylbenzene	100-41-4	ug/L	5/16/2007	1	n/a	ND	
MW-26	u	2-Hexanone	591-78-6	ug/L	5/16/2007	10	n/a	ND	
MW-26	u	Bromomethane	74-83-9	ug/L	5/16/2007	4	n/a	ND	
MW-26	u	Chloromethane	74-87-3	ug/L	5/16/2007	3	n/a	ND	
MW-26	u	2-Butanone	78-93-3	ug/L	5/16/2007	10	n/a	ND	
MW-26	u	Iodomethane	74-88-4	ug/L	5/16/2007	10	n/a	ND	
MW-26	u	4-Methyl-2-pentanone	108-10-1	ug/L	5/16/2007	10	n/a	ND	
MW-26	u	Methylene Bromide	74-95-3	ug/L	5/16/2007	1	n/a	ND	
MW-26	u	Methylene Chloride	75-09-2	ug/L	5/16/2007	5	n/a	ND	
MW-26	u	Styrene	100-42-5	ug/L	5/16/2007	1	n/a	ND	
MW-26	u	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	5/16/2007	1	n/a	ND	
MW-26	u	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	5/16/2007	1	n/a	ND	
MW-26	u	Tetrachloroethene	127-18-4	ug/L	5/16/2007	1	n/a	ND	
MW-26	u	Toluene	108-88-3	ug/L	5/16/2007	1	n/a	ND	
MW-26	u	1,1,1-Trichloroethane	71-55-6	ug/L	5/16/2007	1	n/a	ND	
MW-26	u	1,1,2-Trichloroethane	79-00-5	ug/L	5/16/2007	1	n/a	ND	
MW-26	u	Trichloroethene	79-01-6	ug/L	5/16/2007	1	n/a	ND	
MW-26	u	Trichlorofluoromethane	75-69-4	ug/L	5/16/2007	4	n/a	ND	
MW-26	u	1,2,3-Trichloropropane	96-18-4	ug/L	5/16/2007	1	n/a	ND	
MW-26	u	Vinyl acetate	108-05-4	ug/L	5/16/2007	2	n/a	ND	
MW-26	u	Vinyl chloride	75-01-4	ug/L	5/16/2007	1	n/a	ND	
MW-26	u	Xylenes, total	1330-20-7	ug/L	5/16/2007	3	n/a	ND	
MW-26	u	Acrolein	107-02-8	ug/L	5/16/2007	10	n/a	ND	
MW-26	u	3-Chloropropene	107-05-1	ug/L	5/16/2007	2	n/a	ND	
MW-26	u	Chloroprene	126-99-8	ug/L	5/16/2007	1	n/a	ND	

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MW-26	u	Dichlorodifluoromethane	75-71-8	ug/L	5/16/2007	3	n/a	ND	
MW-26	u	1,3-Dichloropropane	142-28-9	ug/L	5/16/2007	1	n/a	ND	
MW-26	u	2,2-Dichloropropane	594-20-7	ug/L	5/16/2007	4	n/a	ND	
MW-26	u	1,1-Dichloropropene	563-58-6	ug/L	5/16/2007	1	n/a	ND	
MW-26	u	1,3-Dichlorobenzene	541-73-1	ug/L	5/16/2007	5.5	n/a	ND	
MW-26	u	Ethyl Methacrylate	97-63-2	ug/L	5/16/2007	2	n/a	ND	
MW-26	u	Methacrylonitrile	126-98-7	ug/L	5/16/2007	1	n/a	ND	
MW-26	u	Methyl Methacrylate	80-62-6	ug/L	5/16/2007	2	n/a	ND	
MW-26	u	Naphthalene	91-20-3	ug/L	5/16/2007	10	n/a	ND	
MW-26	u	Propionitrile	107-12-0	ug/L	5/16/2007	10	n/a	ND	
MW-26	u	1,2,4-Trichlorobenzene	120-82-1	ug/L	5/16/2007	7.5	n/a	ND	
MW-26	u	Acenaphthene	83-32-9	ug/L	5/16/2007	10	n/a	ND	
MW-26	u	Acenaphthylene	208-96-8	ug/L	5/16/2007	10	n/a	ND	
MW-26	u	Acetophenone	98-86-2	ug/L	5/16/2007	10	n/a	ND	
MW-26	u	2-Acetylaminofluorene	53-96-3	ug/L	5/16/2007	10	n/a	ND	
MW-26	u	4-Aminobiphenyl	92-67-1	ug/L	5/16/2007	10	n/a	ND	
MW-26	u	Anthracene	120-12-7	ug/L	5/16/2007	10	n/a	ND	
MW-26	u	Benzo [a] anthracene	56-55-3	ug/L	5/16/2007	10	n/a	ND	
MW-26	u	Benzo [b] fluoranthene	205-99-2	ug/L	5/16/2007	10	n/a	ND	
MW-26	u	Benzo [k] fluoranthene	207-08-9	ug/L	5/16/2007	10	n/a	ND	
MW-26	u	Benzo [g,h,i] perylene	191-24-2	ug/L	5/16/2007	10	n/a	ND	
MW-26	u	Benzo [a] pyrene	50-32-8	ug/L	5/16/2007	10	n/a	ND	
MW-26	u	Benzyl alcohol	100-51-6	ug/L	5/16/2007	50	n/a	ND	
MW-26	u	Bis[2-chloroethoxy]methane	111-91-1	ug/L	5/16/2007	10	n/a	ND	
MW-26	u	Bis[2-chloroethyl]ether	111-44-4	ug/L	5/16/2007	10	n/a	ND	
MW-26	u	Bis[2-chloroisopropyl]ether	108-60-1	ug/L	5/16/2007	10	n/a	ND	
MW-26	u	Bis[2-ethylhexyl]phthalate	117-81-7	ug/L	5/16/2007	10	n/a	ND	
MW-26	u	4-Bromophenyl phenyl ether	101-55-3	ug/L	5/16/2007	10	n/a	ND	
MW-26	u	Butyl benzyl phthalate	85-68-7	ug/L	5/16/2007	10	n/a	ND	
MW-26	u	4-Chloroaniline	106-47-8	ug/L	5/16/2007	10	n/a	ND	
MW-26	u	Chlorobenzilate	510-15-6	ug/L	5/16/2007	50	n/a	ND	
MW-26	u	4-Chloro-3-methylphenol	59-50-7	ug/L	5/16/2007	10	n/a	ND	
MW-26	u	2-Chloronaphthalene	91-58-7	ug/L	5/16/2007	10	n/a	ND	
MW-26	u	2-Chlorophenol	95-57-8	ug/L	5/16/2007	10	n/a	ND	
MW-26	u	4-Chlorophenyl phenyl ether	7005-72-3	ug/L	5/16/2007	10	n/a	ND	
MW-26	u	Chrysene	218-01-9	ug/L	5/16/2007	10	n/a	ND	
MW-26	u	3/4-Methylphenol	T-34MP	ug/L	5/16/2007	10	n/a	ND	
MW-26	u	2-Methylphenol	95-48-7	ug/L	5/16/2007	10	n/a	ND	
MW-26	u	Diallate [cis or trans]	2303-16-4	ug/L	5/16/2007	50	n/a	ND	
MW-26	u	Dibenz [a,h] anthracene	53-70-3	ug/L	5/16/2007	10	n/a	ND	
MW-26	u	Dibenzofuran	132-64-9	ug/L	5/16/2007	10	n/a	ND	
MW-26	u	Di-n-butyl phthalate	84-74-2	ug/L	5/16/2007	10	n/a	ND	
MW-26	u	3,3-Dichlorobenzidine	91-94-1	ug/L	5/16/2007	10	n/a	ND	
MW-26	u	2,4-Dichlorophenol	120-83-2	ug/L	5/16/2007	10	n/a	ND	
MW-26	u	2,6-Dichlorophenol	87-65-0	ug/L	5/16/2007	20	n/a	ND	
MW-26	u	Diethyl phthalate	84-66-2	ug/L	5/16/2007	10	n/a	ND	
MW-26	u	Thionazin	297-97-2	ug/L	5/16/2007	10	n/a	ND	
MW-26	u	7,12-Dimethylbenz [a] anthracene	57-97-6	ug/L	5/16/2007	10	n/a	ND	
MW-26	u	Dimethoate	60-51-5	ug/L	5/16/2007	10	n/a	ND	
MW-26	u	Dimethylaminoazobenzene	60-11-7	ug/L	5/16/2007	10	n/a	ND	
MW-26	u	3,3-Dimethylbenzidine	119-93-7	ug/L	5/16/2007	50	n/a	ND	
MW-26	u	2,4-Dimethylphenol	105-67-9	ug/L	5/16/2007	10	n/a	ND	
MW-26	u	Dimethyl phthalate	131-11-3	ug/L	5/16/2007	10	n/a	ND	
MW-26	u	1,3-Dinitrobenzene	99-65-0	ug/L	5/16/2007	10	n/a	ND	
MW-26	u	4,6-Dinitro-2-methylphenol	534-52-1	ug/L	5/16/2007	25	n/a	ND	
MW-26	u	2,4-Dinitrophenol	51-28-5	ug/L	5/16/2007	25	n/a	ND	
MW-26	u	2,4-Dinitrotoluene	121-14-2	ug/L	5/16/2007	10	n/a	ND	
MW-26	u	2,6-Dinitrotoluene	606-20-2	ug/L	5/16/2007	10	n/a	ND	
MW-26	u	Di-n-octyl phthalate	117-84-0	ug/L	5/16/2007	10	n/a	ND	
MW-26	u	Diphenylamine	122-39-4	ug/L	5/16/2007	10	n/a	ND	
MW-26	u	Disulfoton	298-04-4	ug/L	5/16/2007	10	n/a	ND	
MW-26	u	Ethyl Methanesulfonate	62-50-0	ug/L	5/16/2007	10	n/a	ND	
MW-26	u	Famphur	52-85-7	ug/L	5/16/2007	10	n/a	ND	
MW-26	u	Fluoranthene	206-44-0	ug/L	5/16/2007	10	n/a	ND	
MW-26	u	Fluorene	86-73-7	ug/L	5/16/2007	10	n/a	ND	
MW-26	u	Hexachlorobenzene	118-74-1	ug/L	5/16/2007	10	n/a	ND	
MW-26	u	Hexachlorobutadiene	87-68-3	ug/L	5/16/2007	10	n/a	ND	
MW-26	u	Hexachlorocyclopentadiene	77-47-4	ug/L	5/16/2007	10	n/a	ND	
MW-26	u	Hexachloroethane	67-72-1	ug/L	5/16/2007	10	n/a	ND	
MW-26	u	Hexachloropropene	1888-71-7	ug/L	5/16/2007	10	n/a	ND	
MW-26	u	Indeno [1,2,3-cd] pyrene	193-39-5	ug/L	5/16/2007	10	n/a	ND	
MW-26	u	Isodrin	465-73-6	ug/L	5/16/2007	10	n/a	ND	
MW-26	u	Isophorone	78-59-1	ug/L	5/16/2007	10	n/a	ND	
MW-26	u	Isosafrole	120-58-1	ug/L	5/16/2007	50	n/a	ND	
MW-26	u	Kepone	143-50-0	ug/L	5/16/2007	10	n/a	ND	

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Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-26	u	Methapyrilene	91-80-5	ug/L	5/16/2007	50	n/a	ND	
MW-26	u	3-Methylcholanthrene	56-49-5	ug/L	5/16/2007	10	n/a	ND	
MW-26	u	Methyl Methanesulfonate	66-27-3	ug/L	5/16/2007	10	n/a	ND	
MW-26	u	2-Methylnaphthalene	91-57-6	ug/L	5/16/2007	10	n/a	ND	
MW-26	u	Parathion-methyl	298-00-0	ug/L	5/16/2007	10	n/a	ND	
MW-26	u	1,4-Naphthoquinone	130-15-4	ug/L	5/16/2007	10	n/a	ND	
MW-26	u	1-Naphthylamine	134-32-7	ug/L	5/16/2007	10	n/a	ND	
MW-26	u	2-Naphthylamine	91-59-8	ug/L	5/16/2007	10	n/a	ND	
MW-26	u	2-Nitroaniline	88-74-4	ug/L	5/16/2007	25	n/a	ND	
MW-26	u	3-Nitroaniline	99-09-2	ug/L	5/16/2007	25	n/a	ND	
MW-26	u	4-Nitroaniline	100-01-6	ug/L	5/16/2007	25	n/a	ND	
MW-26	u	Nitrobenzene	98-95-3	ug/L	5/16/2007	10	n/a	ND	
MW-26	u	2-Nitrophenol	88-75-5	ug/L	5/16/2007	10	n/a	ND	
MW-26	u	4-Nitrophenol	100-02-7	ug/L	5/16/2007	25	n/a	ND	
MW-26	u	N-Nitrosodi-n-butylamine	924-16-3	ug/L	5/16/2007	10	n/a	ND	
MW-26	u	N-Nitrosodiethylamine	55-18-5	ug/L	5/16/2007	10	n/a	ND	
MW-26	u	N-Nitrosodimethylamine	62-75-9	ug/L	5/16/2007	10	n/a	ND	
MW-26	u	N-Nitrosodiphenylamine	86-30-6	ug/L	5/16/2007	10	n/a	ND	
MW-26	u	N-Nitrosodi-n-propylamine	621-64-7	ug/L	5/16/2007	10	n/a	ND	
MW-26	u	N-Nitrosomethylethylamine	10595-95-6	ug/L	5/16/2007	10	n/a	ND	
MW-26	u	N-Nitrosopiperidine	100-75-4	ug/L	5/16/2007	10	n/a	ND	
MW-26	u	N-Nitrosopyrrolidine	930-55-2	ug/L	5/16/2007	10	n/a	ND	
MW-26	u	5-Nitro-o-toluidine	99-55-8	ug/L	5/16/2007	10	n/a	ND	
MW-26	u	Parathion-ethyl	56-38-2	ug/L	5/16/2007	10	n/a	ND	
MW-26	u	Pentachlorobenzene	608-93-5	ug/L	5/16/2007	10	n/a	ND	
MW-26	u	Pentachloronitrobenzene	82-68-8	ug/L	5/16/2007	10	n/a	ND	
MW-26	u	Pentachlorophenol [2C]	87-86-5	ug/L	5/16/2007	25	n/a	ND	
MW-26	u	Phenacetin	62-44-2	ug/L	5/16/2007	10	n/a	ND	
MW-26	u	Phenanthrene	85-01-8	ug/L	5/16/2007	10	n/a	ND	
MW-26	u	Phenol	108-95-2	ug/L	5/16/2007	10	n/a	ND	
MW-26	u	1,4-Phenylenediamine	106-50-3	ug/L	5/16/2007	50	n/a	ND	
MW-26	u	Phorate	298-02-2	ug/L	5/16/2007	10	n/a	ND	
MW-26	u	Pronamide	23950-58-5	ug/L	5/16/2007	10	n/a	ND	
MW-26	u	Pyrene	129-00-0	ug/L	5/16/2007	10	n/a	ND	
MW-26	u	Safrole	94-59-7	ug/L	5/16/2007	10	n/a	ND	
MW-26	u	1,2,4,5-Tetrachlorobenzene	95-94-3	ug/L	5/16/2007	10	n/a	ND	
MW-26	u	2,3,4,6-Tetrachlorophenol	58-90-2	ug/L	5/16/2007	10	n/a	ND	
MW-26	u	o-Toluidine	95-53-4	ug/L	5/16/2007	10	n/a	ND	
MW-26	u	2,4,5-Trichlorophenol	95-95-4	ug/L	5/16/2007	25	n/a	ND	
MW-26	u	2,4,6-Trichlorophenol	88-06-2	ug/L	5/16/2007	10	n/a	ND	
MW-26	u	O,O,O-Triethyl phosphorothioate	126-68-1	ug/L	5/16/2007	10	n/a	ND	
MW-26	u	1,3,5-Trinitrobenzene	99-35-4	ug/L	5/16/2007	10	n/a	ND	
MW-26	u	Pentachloroethane	76-01-7	ug/L	5/16/2007	10	n/a	ND	
MW-26	u	Dinoseb	88-85-7	ug/L	5/16/2007	0.122	n/a	ND	
MW-26	u	Acetonitrile	75-05-8	ug/L	5/16/2007	10	n/a	ND	
MW-26	u	Isobutanol	78-83-1	mg/L	5/16/2007	10	n/a	ND	
MW-26	u	PCB-1016	12674-11-2	ug/L	5/16/2007	0.8	n/a	ND	
MW-26	u	PCB-1221	11104-28-2	ug/L	5/16/2007	0.8	n/a	ND	
MW-26	u	PCB-1232	11141-16-5	ug/L	5/16/2007	0.8	n/a	ND	
MW-26	u	PCB-1242	53469-21-9	ug/L	5/16/2007	0.8	n/a	ND	
MW-26	u	PCB-1248	12672-29-6	ug/L	5/16/2007	0.8	n/a	ND	
MW-26	u	PCB-1254	11097-69-1	ug/L	5/16/2007	0.8	n/a	ND	
MW-26	u	PCB-1260	11096-82-5	ug/L	5/16/2007	0.8	n/a	ND	
MW-26	u	PCB-1268	11100-14-4	ug/L	5/16/2007	0.8	n/a	ND	
MW-26	u	Cyanide	57-12-5	mg/L	5/16/2007	0.01	n/a	ND	
MW-26	u	Sulfide	18496-25-8	mg/L	5/16/2007	1	n/a	ND	
MW-26	u	2,4-D [2C]	94-75-7	ug/L	5/16/2007	0.122	n/a	ND	
MW-26	u	2,4,5-TP [Silvex] [2C]	93-72-1	ug/L	5/16/2007	0.122	n/a	ND	
MW-26	u	2,4,5-T [2C]	93-76-5	ug/L	5/16/2007	0.122	n/a	ND	
MW-26	u	alpha-BHC	319-84-6	ug/L	5/16/2007	0.05	n/a	ND	
MW-26	u	beta-BHC	319-85-7	ug/L	5/16/2007	0.05	n/a	ND	
MW-26	u	Dieldrin	60-57-1	ug/L	5/16/2007	0.05	n/a	ND	
MW-26	u	4,4'-DDE	72-55-9	ug/L	5/16/2007	0.05	n/a	ND	
MW-26	u	delta-BHC	319-86-8	ug/L	5/16/2007	0.05	n/a	ND	
MW-26	u	Endrin	72-20-8	ug/L	5/16/2007	0.05	n/a	ND	
MW-26	u	gamma-BHC [Lindane]	58-89-9	ug/L	5/16/2007	0.05	n/a	ND	
MW-26	u	Endosulfan II	33213-65-9	ug/L	5/16/2007	0.05	n/a	ND	
MW-26	u	Heptachlor	76-44-8	ug/L	5/16/2007	0.05	n/a	ND	
MW-26	u	4,4'-DDD	72-54-8	ug/L	5/16/2007	0.05	n/a	ND	
MW-26	u	Aldrin	309-00-2	ug/L	5/16/2007	0.05	n/a	ND	
MW-26	u	Endosulfan sulfate	1031-07-8	ug/L	5/16/2007	0.05	n/a	ND	
MW-26	u	Heptachlor epoxide	1024-57-3	ug/L	5/16/2007	0.05	n/a	ND	
MW-26	u	4,4'-DDT	50-29-3	ug/L	5/16/2007	0.05	n/a	ND	
MW-26	u	Endosulfan I	959-98-8	ug/L	5/16/2007	0.05	n/a	ND	
MW-26	u	Methoxychlor	72-43-5	ug/L	5/16/2007	0.05	n/a	ND	

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MW-26	u	Toxaphene	8001-35-2	ug/L	5/16/2007	5	n/a	ND	
MW-26	u	Endrin aldehyde	7421-93-4	ug/L	5/16/2007	0.05	n/a	ND	
MW-26	u	Chlordane	57-74-9	ug/L	5/16/2007	3	n/a	ND	
MW-AR	d	Antimony	7440-36-0	mg/L	5/16/2007	0.006	n/a	ND	
MW-AR	d	Arsenic	7440-38-2	mg/L	5/16/2007	n/a	n/a		0.00196
MW-AR	d	Barium	7440-39-3	mg/L	5/16/2007	n/a	n/a		0.0508
MW-AR	d	Beryllium	7440-41-7	mg/L	5/16/2007	0.001	n/a	ND	
MW-AR	d	Cadmium	7440-43-9	mg/L	5/16/2007	n/a	n/a		0.00119
MW-AR	d	Chromium	7440-47-3	mg/L	5/16/2007	0.02	n/a	ND	
MW-AR	d	Cobalt	7440-48-4	mg/L	5/16/2007	0.02	n/a	ND	
MW-AR	d	Copper	7440-50-8	mg/L	5/16/2007	0.02	n/a	ND	
MW-AR	d	Lead	7439-92-1	mg/L	5/16/2007	0.004	n/a	ND	
MW-AR	d	Nickel	7440-02-0	mg/L	5/16/2007	0.05	n/a	ND	
MW-AR	d	Selenium	7782-49-2	mg/L	5/16/2007	0.005	n/a	ND	
MW-AR	d	Silver	7440-22-4	mg/L	5/16/2007	0.02	n/a	ND	
MW-AR	d	Thallium	7440-28-0	mg/L	5/16/2007	0.002	n/a	ND	
MW-AR	d	Vanadium	7440-62-2	mg/L	5/16/2007	0.05	n/a	ND	
MW-AR	d	Zinc	7440-66-6	mg/L	5/16/2007	0.02	n/a	ND	
MW-AR	d	Mercury	7439-97-6	mg/L	5/16/2007	0.0002	n/a	ND	
MW-AR	d	Tin	7440-31-5	mg/L	5/16/2007	0.1	n/a	ND	
MW-AR	d	Acetone	67-64-1	ug/L	5/16/2007	10	n/a	ND	
MW-AR	d	Acrylonitrile	107-13-1	ug/L	5/16/2007	10	n/a	ND	
MW-AR	d	Benzene	71-43-2	ug/L	5/16/2007	0.5	n/a	ND	
MW-AR	d	Bromochloromethane	74-97-5	ug/L	5/16/2007	5	n/a	ND	
MW-AR	d	Bromodichloromethane	75-27-4	ug/L	5/16/2007	1	n/a	ND	
MW-AR	d	Bromoform	75-25-2	ug/L	5/16/2007	5	n/a	ND	
MW-AR	d	Carbon disulfide	75-15-0	ug/L	5/16/2007	1	n/a	ND	
MW-AR	d	Carbon Tetrachloride	56-23-5	ug/L	5/16/2007	2	n/a	ND	
MW-AR	d	Chlorobenzene	108-90-7	ug/L	5/16/2007	1	n/a	ND	
MW-AR	d	Chloroethane	75-00-3	ug/L	5/16/2007	4	n/a	ND	
MW-AR	d	Chloroform	67-66-3	ug/L	5/16/2007	1	n/a	ND	
MW-AR	d	Chlorodibromomethane	124-48-1	ug/L	5/16/2007	5	n/a	ND	
MW-AR	d	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	5/16/2007	10	n/a	ND	
MW-AR	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	5/16/2007	10	n/a	ND	
MW-AR	d	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	5/16/2007	10	n/a	ND	
MW-AR	d	1,1-Dichloroethane	75-34-3	ug/L	5/16/2007	1	n/a	ND	
MW-AR	d	1,2-Dichloroethane	107-06-2	ug/L	5/16/2007	1	n/a	ND	
MW-AR	d	1,1-Dichloroethene	75-35-4	ug/L	5/16/2007	2	n/a	ND	
MW-AR	d	cis-1,2-Dichloroethene	156-59-2	ug/L	5/16/2007	1	n/a	ND	
MW-AR	d	trans-1,2-Dichloroethene	156-60-5	ug/L	5/16/2007	1	n/a	ND	
MW-AR	d	1,2-Dichloropropane	78-87-5	ug/L	5/16/2007	1	n/a	ND	
MW-AR	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	5/16/2007	5	n/a	ND	
MW-AR	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	5/16/2007	5	n/a	ND	
MW-AR	d	1,2-Dichlorobenzene	95-50-1	ug/L	5/16/2007	5.5	n/a	ND	
MW-AR	d	1,4-Dichlorobenzene	106-46-7	ug/L	5/16/2007	5.5	n/a	ND	
MW-AR	d	Ethylbenzene	100-41-4	ug/L	5/16/2007	1	n/a	ND	
MW-AR	d	2-Hexanone	591-78-6	ug/L	5/16/2007	10	n/a	ND	
MW-AR	d	Bromomethane	74-83-9	ug/L	5/16/2007	4	n/a	ND	
MW-AR	d	Chloromethane	74-87-3	ug/L	5/16/2007	3	n/a	ND	
MW-AR	d	2-Butanone	78-93-3	ug/L	5/16/2007	10	n/a	ND	
MW-AR	d	Iodomethane	74-88-4	ug/L	5/16/2007	10	n/a	ND	
MW-AR	d	4-Methyl-2-pentanone	108-10-1	ug/L	5/16/2007	10	n/a	ND	
MW-AR	d	Methylene Bromide	74-95-3	ug/L	5/16/2007	1	n/a	ND	
MW-AR	d	Methylene Chloride	75-09-2	ug/L	5/16/2007	5	n/a	ND	
MW-AR	d	Styrene	100-42-5	ug/L	5/16/2007	1	n/a	ND	
MW-AR	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	5/16/2007	1	n/a	ND	
MW-AR	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	5/16/2007	1	n/a	ND	
MW-AR	d	Tetrachloroethene	127-18-4	ug/L	5/16/2007	1	n/a	ND	
MW-AR	d	Toluene	108-88-3	ug/L	5/16/2007	1	n/a	ND	
MW-AR	d	1,1,1-Trichloroethane	71-55-6	ug/L	5/16/2007	1	n/a	ND	
MW-AR	d	1,1,2-Trichloroethane	79-00-5	ug/L	5/16/2007	1	n/a	ND	
MW-AR	d	Trichloroethene	79-01-6	ug/L	5/16/2007	1	n/a	ND	
MW-AR	d	Trichlorofluoromethane	75-69-4	ug/L	5/16/2007	4	n/a	ND	
MW-AR	d	1,2,3-Trichloropropane	96-18-4	ug/L	5/16/2007	1	n/a	ND	
MW-AR	d	Vinyl acetate	108-05-4	ug/L	5/16/2007	2	n/a	ND	
MW-AR	d	Vinyl chloride	75-01-4	ug/L	5/16/2007	1	n/a	ND	
MW-AR	d	Xylenes, total	1330-20-7	ug/L	5/16/2007	3	n/a	ND	
MW-AR	d	Acrolein	107-02-8	ug/L	5/16/2007	10	n/a	ND	
MW-AR	d	3-Chloropropene	107-05-1	ug/L	5/16/2007	2	n/a	ND	
MW-AR	d	Chloroprene	126-99-8	ug/L	5/16/2007	1	n/a	ND	
MW-AR	d	Dichlorodifluoromethane	75-71-8	ug/L	5/16/2007	3	n/a	ND	
MW-AR	d	1,3-Dichloropropane	142-28-9	ug/L	5/16/2007	1	n/a	ND	
MW-AR	d	2,2-Dichloropropane	594-20-7	ug/L	5/16/2007	4	n/a	ND	
MW-AR	d	1,1-Dichloropropene	563-58-6	ug/L	5/16/2007	1	n/a	ND	
MW-AR	d	1,3-Dichlorobenzene	541-73-1	ug/L	5/16/2007	5.5	n/a	ND	

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Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-AR	d	Ethyl Methacrylate	97-63-2	ug/L	5/16/2007	2	n/a	ND	
MW-AR	d	Methacrylonitrile	126-98-7	ug/L	5/16/2007	1	n/a	ND	
MW-AR	d	Methyl Methacrylate	80-62-6	ug/L	5/16/2007	2	n/a	ND	
MW-AR	d	Naphthalene	91-20-3	ug/L	5/16/2007	10	n/a	ND	
MW-AR	d	Propionitrile	107-12-0	ug/L	5/16/2007	10	n/a	ND	
MW-AR	d	1,2,4-Trichlorobenzene	120-82-1	ug/L	5/16/2007	7.5	n/a	ND	
MW-AR	d	Acenaphthene	83-32-9	ug/L	5/16/2007	10	n/a	ND	
MW-AR	d	Acenaphthylene	208-96-8	ug/L	5/16/2007	10	n/a	ND	
MW-AR	d	Acetophenone	98-86-2	ug/L	5/16/2007	10	n/a	ND	
MW-AR	d	2-Acetylaminofluorene	53-96-3	ug/L	5/16/2007	10	n/a	ND	
MW-AR	d	4-Aminobiphenyl	92-67-1	ug/L	5/16/2007	10	n/a	ND	
MW-AR	d	Anthracene	120-12-7	ug/L	5/16/2007	10	n/a	ND	
MW-AR	d	Benzo [a] anthracene	56-55-3	ug/L	5/16/2007	10	n/a	ND	
MW-AR	d	Benzo [b] fluoranthene	205-99-2	ug/L	5/16/2007	10	n/a	ND	
MW-AR	d	Benzo [k] fluoranthene	207-08-9	ug/L	5/16/2007	10	n/a	ND	
MW-AR	d	Benzo [g,h,i] perylene	191-24-2	ug/L	5/16/2007	10	n/a	ND	
MW-AR	d	Benzo [a] pyrene	50-32-8	ug/L	5/16/2007	10	n/a	ND	
MW-AR	d	Benzyl alcohol	100-51-6	ug/L	5/16/2007	50	n/a	ND	
MW-AR	d	Bis[2-chloroethoxy]methane	111-91-1	ug/L	5/16/2007	10	n/a	ND	
MW-AR	d	Bis[2-chloroethyl]ether	111-44-4	ug/L	5/16/2007	10	n/a	ND	
MW-AR	d	Bis[2-chloroisopropyl]ether	108-60-1	ug/L	5/16/2007	10	n/a	ND	
MW-AR	d	Bis[2-ethylhexyl]phthalate	117-81-7	ug/L	5/16/2007	10	n/a	ND	
MW-AR	d	4-Bromophenyl phenyl ether	101-55-3	ug/L	5/16/2007	10	n/a	ND	
MW-AR	d	Butyl benzyl phthalate	85-68-7	ug/L	5/16/2007	10	n/a	ND	
MW-AR	d	4-Chloroaniline	106-47-8	ug/L	5/16/2007	10	n/a	ND	
MW-AR	d	Chlorobenzilate	510-15-6	ug/L	5/16/2007	50	n/a	ND	
MW-AR	d	4-Chloro-3-methylphenol	59-50-7	ug/L	5/16/2007	10	n/a	ND	
MW-AR	d	2-Chloronaphthalene	91-58-7	ug/L	5/16/2007	10	n/a	ND	
MW-AR	d	2-Chlorophenol	95-57-8	ug/L	5/16/2007	10	n/a	ND	
MW-AR	d	4-Chlorophenyl phenyl ether	7005-72-3	ug/L	5/16/2007	10	n/a	ND	
MW-AR	d	Chrysene	218-01-9	ug/L	5/16/2007	10	n/a	ND	
MW-AR	d	3/4-Methylphenol	T-34MP	ug/L	5/16/2007	10	n/a	ND	
MW-AR	d	2-Methylphenol	95-48-7	ug/L	5/16/2007	10	n/a	ND	
MW-AR	d	Diallate [cis or trans]	2303-16-4	ug/L	5/16/2007	50	n/a	ND	
MW-AR	d	Dibenz [a,h] anthracene	53-70-3	ug/L	5/16/2007	10	n/a	ND	
MW-AR	d	Dibenzofuran	132-64-9	ug/L	5/16/2007	10	n/a	ND	
MW-AR	d	Di-n-butyl phthalate	84-74-2	ug/L	5/16/2007	10	n/a	ND	
MW-AR	d	3,3-Dichlorobenzidine	91-94-1	ug/L	5/16/2007	10	n/a	ND	
MW-AR	d	2,4-Dichlorophenol	120-83-2	ug/L	5/16/2007	10	n/a	ND	
MW-AR	d	2,6-Dichlorophenol	87-65-0	ug/L	5/16/2007	20	n/a	ND	
MW-AR	d	Diethyl phthalate	84-66-2	ug/L	5/16/2007	10	n/a	ND	
MW-AR	d	Thionazin	297-97-2	ug/L	5/16/2007	10	n/a	ND	
MW-AR	d	7,12-Dimethylbenz [a] anthracene	57-97-6	ug/L	5/16/2007	10	n/a	ND	
MW-AR	d	Dimethoate	60-51-5	ug/L	5/16/2007	10	n/a	ND	
MW-AR	d	Dimethylaminoazobenzene	60-11-7	ug/L	5/16/2007	10	n/a	ND	
MW-AR	d	3,3-Dimethylbenzidine	119-93-7	ug/L	5/16/2007	50	n/a	ND	
MW-AR	d	2,4-Dimethylphenol	105-67-9	ug/L	5/16/2007	10	n/a	ND	
MW-AR	d	Dimethyl phthalate	131-11-3	ug/L	5/16/2007	10	n/a	ND	
MW-AR	d	1,3-Dinitrobenzene	99-65-0	ug/L	5/16/2007	10	n/a	ND	
MW-AR	d	4,6-Dinitro-2-methylphenol	534-52-1	ug/L	5/16/2007	25	n/a	ND	
MW-AR	d	2,4-Dinitrophenol	51-28-5	ug/L	5/16/2007	25	n/a	ND	
MW-AR	d	2,4-Dinitrotoluene	121-14-2	ug/L	5/16/2007	10	n/a	ND	
MW-AR	d	2,6-Dinitrotoluene	606-20-2	ug/L	5/16/2007	10	n/a	ND	
MW-AR	d	Di-n-octyl phthalate	117-84-0	ug/L	5/16/2007	10	n/a	ND	
MW-AR	d	Diphenylamine	122-39-4	ug/L	5/16/2007	10	n/a	ND	
MW-AR	d	Disulfoton	298-04-4	ug/L	5/16/2007	10	n/a	ND	
MW-AR	d	Ethyl Methanesulfonate	62-50-0	ug/L	5/16/2007	10	n/a	ND	
MW-AR	d	Famphur	52-85-7	ug/L	5/16/2007	10	n/a	ND	
MW-AR	d	Fluoranthene	206-44-0	ug/L	5/16/2007	10	n/a	ND	
MW-AR	d	Fluorene	86-73-7	ug/L	5/16/2007	10	n/a	ND	
MW-AR	d	Hexachlorobenzene	118-74-1	ug/L	5/16/2007	10	n/a	ND	
MW-AR	d	Hexachlorobutadiene	87-68-3	ug/L	5/16/2007	10	n/a	ND	
MW-AR	d	Hexachlorocyclopentadiene	77-47-4	ug/L	5/16/2007	10	n/a	ND	
MW-AR	d	Hexachloroethane	67-72-1	ug/L	5/16/2007	10	n/a	ND	
MW-AR	d	Hexachloropropene	1888-71-7	ug/L	5/16/2007	10	n/a	ND	
MW-AR	d	Indeno [1,2,3-cd] pyrene	193-39-5	ug/L	5/16/2007	10	n/a	ND	
MW-AR	d	Isodrin	465-73-6	ug/L	5/16/2007	10	n/a	ND	
MW-AR	d	Isophorone	78-59-1	ug/L	5/16/2007	10	n/a	ND	
MW-AR	d	Isosafrole	120-58-1	ug/L	5/16/2007	50	n/a	ND	
MW-AR	d	Kepone	143-50-0	ug/L	5/16/2007	10	n/a	ND	
MW-AR	d	Methapyrilene	91-80-5	ug/L	5/16/2007	50	n/a	ND	
MW-AR	d	3-Methylcholanthrene	56-49-5	ug/L	5/16/2007	10	n/a	ND	
MW-AR	d	Methyl Methanesulfonate	66-27-3	ug/L	5/16/2007	10	n/a	ND	
MW-AR	d	2-Methylnaphthalene	91-57-6	ug/L	5/16/2007	10	n/a	ND	
MW-AR	d	Parathion-methyl	298-00-0	ug/L	5/16/2007	10	n/a	ND	

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MW-AR	d	1,4-Naphthoquinone	130-15-4	ug/L	5/16/2007	10	n/a	ND	
MW-AR	d	1-Naphthylamine	134-32-7	ug/L	5/16/2007	10	n/a	ND	
MW-AR	d	2-Naphthylamine	91-59-8	ug/L	5/16/2007	10	n/a	ND	
MW-AR	d	2-Nitroaniline	88-74-4	ug/L	5/16/2007	25	n/a	ND	
MW-AR	d	3-Nitroaniline	99-09-2	ug/L	5/16/2007	25	n/a	ND	
MW-AR	d	4-Nitroaniline	100-01-6	ug/L	5/16/2007	25	n/a	ND	
MW-AR	d	Nitrobenzene	98-95-3	ug/L	5/16/2007	10	n/a	ND	
MW-AR	d	2-Nitrophenol	88-75-5	ug/L	5/16/2007	10	n/a	ND	
MW-AR	d	4-Nitrophenol	100-02-7	ug/L	5/16/2007	25	n/a	ND	
MW-AR	d	N-Nitrosodi-n-butylamine	924-16-3	ug/L	5/16/2007	10	n/a	ND	
MW-AR	d	N-Nitrosodiethylamine	55-18-5	ug/L	5/16/2007	10	n/a	ND	
MW-AR	d	N-Nitrosodimethylamine	62-75-9	ug/L	5/16/2007	10	n/a	ND	
MW-AR	d	N-Nitrosodiphenylamine	86-30-6	ug/L	5/16/2007	10	n/a	ND	
MW-AR	d	N-Nitrosodi-n-propylamine	621-64-7	ug/L	5/16/2007	10	n/a	ND	
MW-AR	d	N-Nitrosomethylethylamine	10595-95-6	ug/L	5/16/2007	10	n/a	ND	
MW-AR	d	N-Nitrosopiperidine	100-75-4	ug/L	5/16/2007	10	n/a	ND	
MW-AR	d	N-Nitrosopyrrolidine	930-55-2	ug/L	5/16/2007	10	n/a	ND	
MW-AR	d	5-Nitro-o-toluidine	99-55-8	ug/L	5/16/2007	10	n/a	ND	
MW-AR	d	Parathion-ethyl	56-38-2	ug/L	5/16/2007	10	n/a	ND	
MW-AR	d	Pentachlorobenzene	608-93-5	ug/L	5/16/2007	10	n/a	ND	
MW-AR	d	Pentachloronitrobenzene	82-68-8	ug/L	5/16/2007	10	n/a	ND	
MW-AR	d	Pentachlorophenol [2C]	87-86-5	ug/L	5/16/2007	25	n/a	ND	
MW-AR	d	Phenacetin	62-44-2	ug/L	5/16/2007	10	n/a	ND	
MW-AR	d	Phenanthrene	85-01-8	ug/L	5/16/2007	10	n/a	ND	
MW-AR	d	Phenol	108-95-2	ug/L	5/16/2007	10	n/a	ND	
MW-AR	d	1,4-Phenylenediamine	106-50-3	ug/L	5/16/2007	50	n/a	ND	
MW-AR	d	Phorate	298-02-2	ug/L	5/16/2007	10	n/a	ND	
MW-AR	d	Pronamide	23950-58-5	ug/L	5/16/2007	10	n/a	ND	
MW-AR	d	Pyrene	129-00-0	ug/L	5/16/2007	10	n/a	ND	
MW-AR	d	Safrole	94-59-7	ug/L	5/16/2007	10	n/a	ND	
MW-AR	d	1,2,4,5-Tetrachlorobenzene	95-94-3	ug/L	5/16/2007	10	n/a	ND	
MW-AR	d	2,3,4,6-Tetrachlorophenol	58-90-2	ug/L	5/16/2007	10	n/a	ND	
MW-AR	d	o-Toluidine	95-53-4	ug/L	5/16/2007	10	n/a	ND	
MW-AR	d	2,4,5-Trichlorophenol	95-95-4	ug/L	5/16/2007	25	n/a	ND	
MW-AR	d	2,4,6-Trichlorophenol	88-06-2	ug/L	5/16/2007	10	n/a	ND	
MW-AR	d	O,O,O-Triethyl phosphorothioate	126-68-1	ug/L	5/16/2007	10	n/a	ND	
MW-AR	d	1,3,5-Trinitrobenzene	99-35-4	ug/L	5/16/2007	10	n/a	ND	
MW-AR	d	Pentachloroethane	76-01-7	ug/L	5/16/2007	10	n/a	ND	
MW-AR	d	Dinoseb	88-85-7	ug/L	5/16/2007	0.105	n/a	ND	
MW-AR	d	Acetonitrile	75-05-8	ug/L	5/16/2007	10	n/a	ND	
MW-AR	d	Isobutanol	78-83-1	mg/L	5/16/2007	10	n/a	ND	
MW-AR	d	PCB-1016	12674-11-2	ug/L	5/16/2007	0.8	n/a	ND	
MW-AR	d	PCB-1221	11104-28-2	ug/L	5/16/2007	0.8	n/a	ND	
MW-AR	d	PCB-1232	11141-16-5	ug/L	5/16/2007	0.8	n/a	ND	
MW-AR	d	PCB-1242	53469-21-9	ug/L	5/16/2007	0.8	n/a	ND	
MW-AR	d	PCB-1248	12672-29-6	ug/L	5/16/2007	0.8	n/a	ND	
MW-AR	d	PCB-1254	11097-69-1	ug/L	5/16/2007	0.8	n/a	ND	
MW-AR	d	PCB-1260	11096-82-5	ug/L	5/16/2007	0.8	n/a	ND	
MW-AR	d	PCB-1268	11100-14-4	ug/L	5/16/2007	0.8	n/a	ND	
MW-AR	d	Cyanide	57-12-5	mg/L	5/16/2007	0.01	n/a	ND	
MW-AR	d	Sulfide	18496-25-8	mg/L	5/16/2007	n/a	n/a		1
MW-AR	d	2,4-D [2C]	94-75-7	ug/L	5/16/2007	0.105	n/a	ND	
MW-AR	d	2,4,5-TP [Silvex] [2C]	93-72-1	ug/L	5/16/2007	0.105	n/a	ND	
MW-AR	d	2,4,5-T [2C]	93-76-5	ug/L	5/16/2007	0.105	n/a	ND	
MW-AR	d	alpha-BHC	319-84-6	ug/L	5/16/2007	0.05	n/a	ND	
MW-AR	d	beta-BHC	319-85-7	ug/L	5/16/2007	0.05	n/a	ND	
MW-AR	d	Dieldrin	60-57-1	ug/L	5/16/2007	0.05	n/a	ND	
MW-AR	d	4,4'-DDE	72-55-9	ug/L	5/16/2007	0.05	n/a	ND	
MW-AR	d	delta-BHC	319-86-8	ug/L	5/16/2007	0.05	n/a	ND	
MW-AR	d	Endrin	72-20-8	ug/L	5/16/2007	0.05	n/a	ND	
MW-AR	d	gamma-BHC [Lindane]	58-89-9	ug/L	5/16/2007	0.05	n/a	ND	
MW-AR	d	Endosulfan II	33213-65-9	ug/L	5/16/2007	0.05	n/a	ND	
MW-AR	d	Heptachlor	76-44-8	ug/L	5/16/2007	0.05	n/a	ND	
MW-AR	d	4,4'-DDD	72-54-8	ug/L	5/16/2007	0.05	n/a	ND	
MW-AR	d	Aldrin	309-00-2	ug/L	5/16/2007	0.05	n/a	ND	
MW-AR	d	Endosulfan sulfate	1031-07-8	ug/L	5/16/2007	0.05	n/a	ND	
MW-AR	d	Heptachlor epoxide	1024-57-3	ug/L	5/16/2007	0.05	n/a	ND	
MW-AR	d	4,4'-DDT	50-29-3	ug/L	5/16/2007	0.05	n/a	ND	
MW-AR	d	Endosulfan I	959-98-8	ug/L	5/16/2007	0.05	n/a	ND	
MW-AR	d	Methoxychlor	72-43-5	ug/L	5/16/2007	0.05	n/a	ND	
MW-AR	d	Toxaphene	8001-35-2	ug/L	5/16/2007	5	n/a	ND	
MW-AR	d	Endrin aldehyde	7421-93-4	ug/L	5/16/2007	0.05	n/a	ND	
MW-AR	d	Chlordane	57-74-9	ug/L	5/16/2007	3	n/a	ND	
GU-3	d	Antimony	7440-36-0	mg/L	5/29/2007	0.006	n/a	ND	
GU-3	d	Arsenic	7440-38-2	mg/L	5/29/2007	n/a	n/a		0.00171

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GU-3	d	Barium	7440-39-3	mg/L	5/29/2007	n/a	n/a		0.0348
GU-3	d	Beryllium	7440-41-7	mg/L	5/29/2007	0.001	n/a	ND	
GU-3	d	Cadmium	7440-43-9	mg/L	5/29/2007	0.0005	n/a	ND	
GU-3	d	Chromium	7440-47-3	mg/L	5/29/2007	0.02	n/a	ND	
GU-3	d	Cobalt	7440-48-4	mg/L	5/29/2007	0.02	n/a	ND	
GU-3	d	Copper	7440-50-8	mg/L	5/29/2007	0.02	n/a	ND	
GU-3	d	Lead	7439-92-1	mg/L	5/29/2007	0.004	n/a	ND	
GU-3	d	Nickel	7440-02-0	mg/L	5/29/2007	0.05	n/a	ND	
GU-3	d	Selenium	7782-49-2	mg/L	5/29/2007	0.005	n/a	ND	
GU-3	d	Silver	7440-22-4	mg/L	5/29/2007	0.02	n/a	ND	
GU-3	d	Thallium	7440-28-0	mg/L	5/29/2007	0.002	n/a	ND	
GU-3	d	Vanadium	7440-62-2	mg/L	5/29/2007	0.05	n/a	ND	
GU-3	d	Zinc	7440-66-6	mg/L	5/29/2007	n/a	n/a		0.113
GU-3	d	Mercury	7439-97-6	mg/L	5/29/2007	0.0002	n/a	ND	
GU-3	d	Tin	7440-31-5	mg/L	5/29/2007	0.1	n/a	ND	
GU-3	d	Acetone	67-64-1	ug/L	5/29/2007	10	n/a	ND	
GU-3	d	Acrylonitrile	107-13-1	ug/L	5/29/2007	10	n/a	ND	
GU-3	d	Benzene	71-43-2	ug/L	5/29/2007	0.5	n/a	ND	
GU-3	d	Bromochloromethane	74-97-5	ug/L	5/29/2007	5	n/a	ND	
GU-3	d	Bromodichloromethane	75-27-4	ug/L	5/29/2007	1	n/a	ND	
GU-3	d	Bromoform	75-25-2	ug/L	5/29/2007	5	n/a	ND	
GU-3	d	Carbon disulfide	75-15-0	ug/L	5/29/2007	1	n/a	ND	
GU-3	d	Carbon Tetrachloride	56-23-5	ug/L	5/29/2007	2	n/a	ND	
GU-3	d	Chlorobenzene	108-90-7	ug/L	5/29/2007	1	n/a	ND	
GU-3	d	Chloroethane	75-00-3	ug/L	5/29/2007	4	n/a	ND	
GU-3	d	Chloroform	67-66-3	ug/L	5/29/2007	1	n/a	ND	
GU-3	d	Chlorodibromomethane	124-48-1	ug/L	5/29/2007	5	n/a	ND	
GU-3	d	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	5/29/2007	10	n/a	ND	
GU-3	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	5/29/2007	10	n/a	ND	
GU-3	d	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	5/29/2007	10	n/a	ND	
GU-3	d	1,1-Dichloroethane	75-34-3	ug/L	5/29/2007	1	n/a	ND	
GU-3	d	1,2-Dichloroethane	107-06-2	ug/L	5/29/2007	1	n/a	ND	
GU-3	d	1,1-Dichloroethene	75-35-4	ug/L	5/29/2007	2	n/a	ND	
GU-3	d	cis-1,2-Dichloroethene	156-59-2	ug/L	5/29/2007	1	n/a	ND	
GU-3	d	trans-1,2-Dichloroethene	156-60-5	ug/L	5/29/2007	1	n/a	ND	
GU-3	d	1,2-Dichloropropane	78-87-5	ug/L	5/29/2007	1	n/a	ND	
GU-3	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	5/29/2007	5	n/a	ND	
GU-3	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	5/29/2007	5	n/a	ND	
GU-3	d	1,2-Dichlorobenzene	95-50-1	ug/L	5/29/2007	5.75	n/a	ND	
GU-3	d	1,4-Dichlorobenzene	106-46-7	ug/L	5/29/2007	5.75	n/a	ND	
GU-3	d	Ethylbenzene	100-41-4	ug/L	5/29/2007	1	n/a	ND	
GU-3	d	2-Hexanone	591-78-6	ug/L	5/29/2007	10	n/a	ND	
GU-3	d	Bromomethane	74-83-9	ug/L	5/29/2007	4	n/a	ND	
GU-3	d	Chloromethane	74-87-3	ug/L	5/29/2007	3	n/a	ND	
GU-3	d	2-Butanone	78-93-3	ug/L	5/29/2007	10	n/a	ND	
GU-3	d	Iodomethane	74-88-4	ug/L	5/29/2007	10	n/a	ND	
GU-3	d	4-Methyl-2-pentanone	108-10-1	ug/L	5/29/2007	10	n/a	ND	
GU-3	d	Methylene Bromide	74-95-3	ug/L	5/29/2007	1	n/a	ND	
GU-3	d	Methylene Chloride	75-09-2	ug/L	5/29/2007	5	n/a	ND	
GU-3	d	Styrene	100-42-5	ug/L	5/29/2007	1	n/a	ND	
GU-3	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	5/29/2007	1	n/a	ND	
GU-3	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	5/29/2007	1	n/a	ND	
GU-3	d	Tetrachloroethene	127-18-4	ug/L	5/29/2007	1	n/a	ND	
GU-3	d	Toluene	108-88-3	ug/L	5/29/2007	1	n/a	ND	
GU-3	d	1,1,1-Trichloroethane	71-55-6	ug/L	5/29/2007	1	n/a	ND	
GU-3	d	1,1,2-Trichloroethane	79-00-5	ug/L	5/29/2007	1	n/a	ND	
GU-3	d	Trichloroethene	79-01-6	ug/L	5/29/2007	1	n/a	ND	
GU-3	d	Trichlorofluoromethane	75-69-4	ug/L	5/29/2007	4	n/a	ND	
GU-3	d	1,2,3-Trichloropropane	96-18-4	ug/L	5/29/2007	1	n/a	ND	
GU-3	d	Vinyl acetate	108-05-4	ug/L	5/29/2007	2	n/a	ND	
GU-3	d	Vinyl chloride	75-01-4	ug/L	5/29/2007	1	n/a	ND	
GU-3	d	Xylenes, total	1330-20-7	ug/L	5/29/2007	3	n/a	ND	
GU-3	d	Acrolein	107-02-8	ug/L	5/29/2007	10	n/a	ND	
GU-3	d	3-Chloropropene	107-05-1	ug/L	5/29/2007	2	n/a	ND	
GU-3	d	Chloroprene	126-99-8	ug/L	5/29/2007	1	n/a	ND	
GU-3	d	Dichlorodifluoromethane	75-71-8	ug/L	5/29/2007	3	n/a	ND	
GU-3	d	1,3-Dichloropropane	142-28-9	ug/L	5/29/2007	1	n/a	ND	
GU-3	d	2,2-Dichloropropane	594-20-7	ug/L	5/29/2007	4	n/a	ND	
GU-3	d	1,1-Dichloropropene	563-58-6	ug/L	5/29/2007	1	n/a	ND	
GU-3	d	1,3-Dichlorobenzene	541-73-1	ug/L	5/29/2007	5.75	n/a	ND	
GU-3	d	Ethyl Methacrylate	97-63-2	ug/L	5/29/2007	2	n/a	ND	
GU-3	d	Methacrylonitrile	126-98-7	ug/L	5/29/2007	1	n/a	ND	
GU-3	d	Methyl Methacrylate	80-62-6	ug/L	5/29/2007	2	n/a	ND	
GU-3	d	Naphthalene	91-20-3	ug/L	5/29/2007	7.75	n/a	ND	
GU-3	d	Propionitrile	107-12-0	ug/L	5/29/2007	10	n/a	ND	

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Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
GU-3	d	1,2,4-Trichlorobenzene	120-82-1	ug/L	5/29/2007	7.75	n/a	ND	
GU-3	d	Acenaphthene	83-32-9	ug/L	5/29/2007	10.5	n/a	ND	
GU-3	d	Acenaphthylene	208-96-8	ug/L	5/29/2007	10.5	n/a	ND	
GU-3	d	Acetophenone	98-86-2	ug/L	5/29/2007	10.5	n/a	ND	
GU-3	d	2-Acetylaminofluorene	53-96-3	ug/L	5/29/2007	10.5	n/a	ND	
GU-3	d	4-Aminobiphenyl	92-67-1	ug/L	5/29/2007	10.5	n/a	ND	
GU-3	d	Anthracene	120-12-7	ug/L	5/29/2007	10.5	n/a	ND	
GU-3	d	Benzo [a] anthracene	56-55-3	ug/L	5/29/2007	10.5	n/a	ND	
GU-3	d	Benzo [b] fluoranthene	205-99-2	ug/L	5/29/2007	10.5	n/a	ND	
GU-3	d	Benzo [k] fluoranthene	207-08-9	ug/L	5/29/2007	10.5	n/a	ND	
GU-3	d	Benzo [g,h,i] perylene	191-24-2	ug/L	5/29/2007	10.5	n/a	ND	
GU-3	d	Benzo [a] pyrene	50-32-8	ug/L	5/29/2007	10.5	n/a	ND	
GU-3	d	Benzyl alcohol	100-51-6	ug/L	5/29/2007	52.6	n/a	ND	
GU-3	d	Bis[2-chloroethoxy]methane	111-91-1	ug/L	5/29/2007	10.5	n/a	ND	
GU-3	d	Bis[2-chloroethyl]ether	111-44-4	ug/L	5/29/2007	10.5	n/a	ND	
GU-3	d	Bis[2-chloroisopropyl]ether	108-60-1	ug/L	5/29/2007	10.5	n/a	ND	
GU-3	d	Bis[2-ethylhexyl]phthalate	117-81-7	ug/L	5/29/2007	10.5	n/a	ND	
GU-3	d	4-Bromophenyl phenyl ether	101-55-3	ug/L	5/29/2007	10.5	n/a	ND	
GU-3	d	Butyl benzyl phthalate	85-68-7	ug/L	5/29/2007	10.5	n/a	ND	
GU-3	d	4-Chloroaniline	106-47-8	ug/L	5/29/2007	10.5	n/a	ND	
GU-3	d	Chlorobenzilate	510-15-6	ug/L	5/29/2007	52.6	n/a	ND	
GU-3	d	4-Chloro-3-methylphenol	59-50-7	ug/L	5/29/2007	10.5	n/a	ND	
GU-3	d	2-Chloronaphthalene	91-58-7	ug/L	5/29/2007	10.5	n/a	ND	
GU-3	d	2-Chlorophenol	95-57-8	ug/L	5/29/2007	10.5	n/a	ND	
GU-3	d	4-Chlorophenyl phenyl ether	7005-72-3	ug/L	5/29/2007	10.5	n/a	ND	
GU-3	d	Chrysene	218-01-9	ug/L	5/29/2007	10.5	n/a	ND	
GU-3	d	3/4-Methylphenol	T-34MP	ug/L	5/29/2007	10.5	n/a	ND	
GU-3	d	2-Methylphenol	95-48-7	ug/L	5/29/2007	10.5	n/a	ND	
GU-3	d	Diallate [cis or trans]	2303-16-4	ug/L	5/29/2007	52.6	n/a	ND	
GU-3	d	Dibenz [a,h] anthracene	53-70-3	ug/L	5/29/2007	10.5	n/a	ND	
GU-3	d	Dibenzofuran	132-64-9	ug/L	5/29/2007	10.5	n/a	ND	
GU-3	d	Di-n-butyl phthalate	84-74-2	ug/L	5/29/2007	10.5	n/a	ND	
GU-3	d	3,3-Dichlorobenzidine	91-94-1	ug/L	5/29/2007	10.5	n/a	ND	
GU-3	d	2,4-Dichlorophenol	120-83-2	ug/L	5/29/2007	10.5	n/a	ND	
GU-3	d	2,6-Dichlorophenol	87-65-0	ug/L	5/29/2007	21.1	n/a	ND	
GU-3	d	Diethyl phthalate	84-66-2	ug/L	5/29/2007	10.5	n/a	ND	
GU-3	d	Thionazin	297-97-2	ug/L	5/29/2007	10.5	n/a	ND	
GU-3	d	7,12-Dimethylbenz [a] anthracene	57-97-6	ug/L	5/29/2007	10.5	n/a	ND	
GU-3	d	Dimethoate	60-51-5	ug/L	5/29/2007	10.5	n/a	ND	
GU-3	d	Dimethylaminoazobenzene	60-11-7	ug/L	5/29/2007	10.5	n/a	ND	
GU-3	d	3,3-Dimethylbenzidine	119-93-7	ug/L	5/29/2007	52.6	n/a	ND	
GU-3	d	2,4-Dimethylphenol	105-67-9	ug/L	5/29/2007	10.5	n/a	ND	
GU-3	d	Dimethyl phthalate	131-11-3	ug/L	5/29/2007	10.5	n/a	ND	
GU-3	d	1,3-Dinitrobenzene	99-65-0	ug/L	5/29/2007	10.5	n/a	ND	
GU-3	d	4,6-Dinitro-2-methylphenol	534-52-1	ug/L	5/29/2007	26.3	n/a	ND	
GU-3	d	2,4-Dinitrophenol	51-28-5	ug/L	5/29/2007	26.3	n/a	ND	
GU-3	d	2,4-Dinitrotoluene	121-14-2	ug/L	5/29/2007	10.5	n/a	ND	
GU-3	d	2,6-Dinitrotoluene	606-20-2	ug/L	5/29/2007	10.5	n/a	ND	
GU-3	d	Di-n-octyl phthalate	117-84-0	ug/L	5/29/2007	10.5	n/a	ND	
GU-3	d	Diphenylamine	122-39-4	ug/L	5/29/2007	10.5	n/a	ND	
GU-3	d	Disulfoton	298-04-4	ug/L	5/29/2007	10.5	n/a	ND	
GU-3	d	Ethyl Methanesulfonate	62-50-0	ug/L	5/29/2007	10.5	n/a	ND	
GU-3	d	Famphur	52-85-7	ug/L	5/29/2007	10.5	n/a	ND	
GU-3	d	Fluoranthene	206-44-0	ug/L	5/29/2007	10.5	n/a	ND	
GU-3	d	Fluorene	86-73-7	ug/L	5/29/2007	10.5	n/a	ND	
GU-3	d	Hexachlorobenzene	118-74-1	ug/L	5/29/2007	10.5	n/a	ND	
GU-3	d	Hexachlorobutadiene	87-68-3	ug/L	5/29/2007	10.5	n/a	ND	
GU-3	d	Hexachlorocyclopentadiene	77-47-4	ug/L	5/29/2007	10.5	n/a	ND	
GU-3	d	Hexachloroethane	67-72-1	ug/L	5/29/2007	10.5	n/a	ND	
GU-3	d	Hexachloropropene	1888-71-7	ug/L	5/29/2007	10.5	n/a	ND	
GU-3	d	Indeno [1,2,3-cd] pyrene	193-39-5	ug/L	5/29/2007	10.5	n/a	ND	
GU-3	d	Isodrin	465-73-6	ug/L	5/29/2007	10.5	n/a	ND	
GU-3	d	Isophorone	78-59-1	ug/L	5/29/2007	10.5	n/a	ND	
GU-3	d	Isosafrole	120-58-1	ug/L	5/29/2007	52.6	n/a	ND	
GU-3	d	Kepone	143-50-0	ug/L	5/29/2007	10.5	n/a	ND	
GU-3	d	Methapyrilene	91-80-5	ug/L	5/29/2007	52.6	n/a	ND	
GU-3	d	3-Methylcholanthrene	56-49-5	ug/L	5/29/2007	10.5	n/a	ND	
GU-3	d	Methyl Methanesulfonate	66-27-3	ug/L	5/29/2007	10.5	n/a	ND	
GU-3	d	2-Methylnaphthalene	91-57-6	ug/L	5/29/2007	10.5	n/a	ND	
GU-3	d	Parathion-methyl	298-00-0	ug/L	5/29/2007	10.5	n/a	ND	
GU-3	d	1,4-Naphthoquinone	130-15-4	ug/L	5/29/2007	10.5	n/a	ND	
GU-3	d	1-Naphthylamine	134-32-7	ug/L	5/29/2007	10.5	n/a	ND	
GU-3	d	2-Naphthylamine	91-59-8	ug/L	5/29/2007	10.5	n/a	ND	
GU-3	d	2-Nitroaniline	88-74-4	ug/L	5/29/2007	26.3	n/a	ND	
GU-3	d	3-Nitroaniline	99-09-2	ug/L	5/29/2007	26.3	n/a	ND	

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GU-3	d	4-Nitroaniline	100-01-6	ug/L	5/29/2007	26.3	n/a	ND	
GU-3	d	Nitrobenzene	98-95-3	ug/L	5/29/2007	10.5	n/a	ND	
GU-3	d	2-Nitrophenol	88-75-5	ug/L	5/29/2007	10.5	n/a	ND	
GU-3	d	4-Nitrophenol	100-02-7	ug/L	5/29/2007	26.3	n/a	ND	
GU-3	d	N-Nitrosodi-n-butylamine	924-16-3	ug/L	5/29/2007	10.5	n/a	ND	
GU-3	d	N-Nitrosodiethylamine	55-18-5	ug/L	5/29/2007	10.5	n/a	ND	
GU-3	d	N-Nitrosodimethylamine	62-75-9	ug/L	5/29/2007	10.5	n/a	ND	
GU-3	d	N-Nitrosodiphenylamine	86-30-6	ug/L	5/29/2007	10.5	n/a	ND	
GU-3	d	N-Nitrosodi-n-propylamine	621-64-7	ug/L	5/29/2007	10.5	n/a	ND	
GU-3	d	N-Nitrosomethylethylamine	10595-95-6	ug/L	5/29/2007	10.5	n/a	ND	
GU-3	d	N-Nitrosopiperidine	100-75-4	ug/L	5/29/2007	10.5	n/a	ND	
GU-3	d	N-Nitrosopyrrolidine	930-55-2	ug/L	5/29/2007	10.5	n/a	ND	
GU-3	d	5-Nitro-o-toluidine	99-55-8	ug/L	5/29/2007	10.5	n/a	ND	
GU-3	d	Parathion-ethyl	56-38-2	ug/L	5/29/2007	10.5	n/a	ND	
GU-3	d	Pentachlorobenzene	608-93-5	ug/L	5/29/2007	10.5	n/a	ND	
GU-3	d	Pentachloronitrobenzene	82-68-8	ug/L	5/29/2007	10.5	n/a	ND	
GU-3	d	Pentachlorophenol [2C]	87-86-5	ug/L	5/29/2007	26.3	n/a	ND	
GU-3	d	Phenacetin	62-44-2	ug/L	5/29/2007	10.5	n/a	ND	
GU-3	d	Phenanthrene	85-01-8	ug/L	5/29/2007	10.5	n/a	ND	
GU-3	d	Phenol	108-95-2	ug/L	5/29/2007	10.5	n/a	ND	
GU-3	d	1,4-Phenylenediamine	106-50-3	ug/L	5/29/2007	52.6	n/a	ND	
GU-3	d	Phorate	298-02-2	ug/L	5/29/2007	10.5	n/a	ND	
GU-3	d	Pronamide	23950-58-5	ug/L	5/29/2007	10.5	n/a	ND	
GU-3	d	Pyrene	129-00-0	ug/L	5/29/2007	10.5	n/a	ND	
GU-3	d	Safrole	94-59-7	ug/L	5/29/2007	10.5	n/a	ND	
GU-3	d	1,2,4,5-Tetrachlorobenzene	95-94-3	ug/L	5/29/2007	10.5	n/a	ND	
GU-3	d	2,3,4,6-Tetrachlorophenol	58-90-2	ug/L	5/29/2007	10.5	n/a	ND	
GU-3	d	o-Toluidine	95-53-4	ug/L	5/29/2007	10.5	n/a	ND	
GU-3	d	2,4,5-Trichlorophenol	95-95-4	ug/L	5/29/2007	26.3	n/a	ND	
GU-3	d	2,4,6-Trichlorophenol	88-06-2	ug/L	5/29/2007	10.5	n/a	ND	
GU-3	d	O,O,O-Triethyl phosphorothioate	126-68-1	ug/L	5/29/2007	10.5	n/a	ND	
GU-3	d	1,3,5-Trinitrobenzene	99-35-4	ug/L	5/29/2007	10.5	n/a	ND	
GU-3	d	Pentachloroethane	76-01-7	ug/L	5/29/2007	10.5	n/a	ND	
GU-3	d	Dinoseb	88-85-7	ug/L	5/29/2007	0.106	n/a	ND	
GU-3	d	Acetonitrile	75-05-8	ug/L	5/29/2007	10	n/a	ND	
GU-3	d	Isobutanol	78-83-1	mg/L	5/29/2007	10	n/a	ND	
GU-3	d	PCB-1016	12674-11-2	ug/L	5/29/2007	0.8	n/a	ND	
GU-3	d	PCB-1221	11104-28-2	ug/L	5/29/2007	0.8	n/a	ND	
GU-3	d	PCB-1232	11141-16-5	ug/L	5/29/2007	0.8	n/a	ND	
GU-3	d	PCB-1242	53469-21-9	ug/L	5/29/2007	0.8	n/a	ND	
GU-3	d	PCB-1248	12672-29-6	ug/L	5/29/2007	0.8	n/a	ND	
GU-3	d	PCB-1254	11097-69-1	ug/L	5/29/2007	0.8	n/a	ND	
GU-3	d	PCB-1260	11096-82-5	ug/L	5/29/2007	0.8	n/a	ND	
GU-3	d	PCB-1268	11100-14-4	ug/L	5/29/2007	0.8	n/a	ND	
GU-3	d	Cyanide	57-12-5	mg/L	5/29/2007	0.01	n/a	ND	
GU-3	d	Sulfide	18496-25-8	mg/L	5/29/2007	n/a	n/a		1
GU-3	d	2,4-D [2C]	94-75-7	ug/L	5/29/2007	0.106	n/a	ND	
GU-3	d	2,4,5-TP [Silvex] [2C]	93-72-1	ug/L	5/29/2007	0.106	n/a	ND	
GU-3	d	2,4,5-T [2C]	93-76-5	ug/L	5/29/2007	0.106	n/a	ND	
GU-3	d	alpha-BHC	319-84-6	ug/L	5/29/2007	0.05	n/a	ND	
GU-3	d	beta-BHC	319-85-7	ug/L	5/29/2007	0.05	n/a	ND	
GU-3	d	Dieldrin	60-57-1	ug/L	5/29/2007	0.05	n/a	ND	
GU-3	d	4,4'-DDE	72-55-9	ug/L	5/29/2007	0.05	n/a	ND	
GU-3	d	delta-BHC	319-86-8	ug/L	5/29/2007	0.05	n/a	ND	
GU-3	d	Endrin	72-20-8	ug/L	5/29/2007	0.05	n/a	ND	
GU-3	d	gamma-BHC [Lindane]	58-89-9	ug/L	5/29/2007	0.05	n/a	ND	
GU-3	d	Endosulfan II	33213-65-9	ug/L	5/29/2007	0.05	n/a	ND	
GU-3	d	Heptachlor	76-44-8	ug/L	5/29/2007	0.05	n/a	ND	
GU-3	d	4,4'-DDD	72-54-8	ug/L	5/29/2007	0.05	n/a	ND	
GU-3	d	Aldrin	309-00-2	ug/L	5/29/2007	0.05	n/a	ND	
GU-3	d	Endosulfan sulfate	1031-07-8	ug/L	5/29/2007	0.05	n/a	ND	
GU-3	d	Heptachlor epoxide	1024-57-3	ug/L	5/29/2007	0.05	n/a	ND	
GU-3	d	4,4'-DDT	50-29-3	ug/L	5/29/2007	0.05	n/a	ND	
GU-3	d	Endosulfan I	959-98-8	ug/L	5/29/2007	0.05	n/a	ND	
GU-3	d	Methoxychlor	72-43-5	ug/L	5/29/2007	0.05	n/a	ND	
GU-3	d	Toxaphene	8001-35-2	ug/L	5/29/2007	5	n/a	ND	
GU-3	d	Endrin aldehyde	7421-93-4	ug/L	5/29/2007	0.05	n/a	ND	
GU-3	d	Chlordane	57-74-9	ug/L	5/29/2007	3	n/a	ND	
GU-3BG	u	Antimony	7440-36-0	mg/L	5/29/2007	0.006	n/a	ND	
GU-3BG	u	Arsenic	7440-38-2	mg/L	5/29/2007	n/a	n/a		0.00171
GU-3BG	u	Barium	7440-39-3	mg/L	5/29/2007	n/a	n/a		0.0348
GU-3BG	u	Beryllium	7440-41-7	mg/L	5/29/2007	0.001	n/a	ND	
GU-3BG	u	Cadmium	7440-43-9	mg/L	5/29/2007	0.0005	n/a	ND	
GU-3BG	u	Chromium	7440-47-3	mg/L	5/29/2007	0.02	n/a	ND	
GU-3BG	u	Cobalt	7440-48-4	mg/L	5/29/2007	0.02	n/a	ND	

Table 9A
Analytical Data Summary - Phase II MSWLF
2024 Annual Water Quality Report
Phase II MSWLF and CWTS
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
GU-3BG	u	Copper	7440-50-8	mg/L	5/29/2007	0.02	n/a	ND	
GU-3BG	u	Lead	7439-92-1	mg/L	5/29/2007	0.004	n/a	ND	
GU-3BG	u	Nickel	7440-02-0	mg/L	5/29/2007	0.05	n/a	ND	
GU-3BG	u	Selenium	7782-49-2	mg/L	5/29/2007	0.005	n/a	ND	
GU-3BG	u	Silver	7440-22-4	mg/L	5/29/2007	0.02	n/a	ND	
GU-3BG	u	Thallium	7440-28-0	mg/L	5/29/2007	0.002	n/a	ND	
GU-3BG	u	Vanadium	7440-62-2	mg/L	5/29/2007	0.05	n/a	ND	
GU-3BG	u	Zinc	7440-66-6	mg/L	5/29/2007	n/a	n/a		0.113
GU-3BG	u	Mercury	7439-97-6	mg/L	5/29/2007	0.0002	n/a	ND	
GU-3BG	u	Tin	7440-31-5	mg/L	5/29/2007	0.1	n/a	ND	
GU-3BG	u	Acetone	67-64-1	ug/L	5/29/2007	10	n/a	ND	
GU-3BG	u	Acrylonitrile	107-13-1	ug/L	5/29/2007	10	n/a	ND	
GU-3BG	u	Benzene	71-43-2	ug/L	5/29/2007	0.5	n/a	ND	
GU-3BG	u	Bromochloromethane	74-97-5	ug/L	5/29/2007	5	n/a	ND	
GU-3BG	u	Bromodichloromethane	75-27-4	ug/L	5/29/2007	1	n/a	ND	
GU-3BG	u	Bromoform	75-25-2	ug/L	5/29/2007	5	n/a	ND	
GU-3BG	u	Carbon disulfide	75-15-0	ug/L	5/29/2007	1	n/a	ND	
GU-3BG	u	Carbon Tetrachloride	56-23-5	ug/L	5/29/2007	2	n/a	ND	
GU-3BG	u	Chlorobenzene	108-90-7	ug/L	5/29/2007	1	n/a	ND	
GU-3BG	u	Chloroethane	75-00-3	ug/L	5/29/2007	4	n/a	ND	
GU-3BG	u	Chloroform	67-66-3	ug/L	5/29/2007	1	n/a	ND	
GU-3BG	u	Chlorodibromomethane	124-48-1	ug/L	5/29/2007	5	n/a	ND	
GU-3BG	u	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	5/29/2007	10	n/a	ND	
GU-3BG	u	1,2-Dibromoethane [EDB]	106-93-4	ug/L	5/29/2007	10	n/a	ND	
GU-3BG	u	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	5/29/2007	10	n/a	ND	
GU-3BG	u	1,1-Dichloroethane	75-34-3	ug/L	5/29/2007	1	n/a	ND	
GU-3BG	u	1,2-Dichloroethane	107-06-2	ug/L	5/29/2007	1	n/a	ND	
GU-3BG	u	1,1-Dichloroethene	75-35-4	ug/L	5/29/2007	2	n/a	ND	
GU-3BG	u	cis-1,2-Dichloroethene	156-59-2	ug/L	5/29/2007	1	n/a	ND	
GU-3BG	u	trans-1,2-Dichloroethene	156-60-5	ug/L	5/29/2007	1	n/a	ND	
GU-3BG	u	1,2-Dichloropropane	78-87-5	ug/L	5/29/2007	1	n/a	ND	
GU-3BG	u	cis-1,3-Dichloropropene	10061-01-5	ug/L	5/29/2007	5	n/a	ND	
GU-3BG	u	trans-1,3-Dichloropropene	10061-02-6	ug/L	5/29/2007	5	n/a	ND	
GU-3BG	u	1,2-Dichlorobenzene	95-50-1	ug/L	5/29/2007	5.75	n/a	ND	
GU-3BG	u	1,4-Dichlorobenzene	106-46-7	ug/L	5/29/2007	5.75	n/a	ND	
GU-3BG	u	Ethylbenzene	100-41-4	ug/L	5/29/2007	1	n/a	ND	
GU-3BG	u	2-Hexanone	591-78-6	ug/L	5/29/2007	10	n/a	ND	
GU-3BG	u	Bromomethane	74-83-9	ug/L	5/29/2007	4	n/a	ND	
GU-3BG	u	Chloromethane	74-87-3	ug/L	5/29/2007	3	n/a	ND	
GU-3BG	u	2-Butanone	78-93-3	ug/L	5/29/2007	10	n/a	ND	
GU-3BG	u	Iodomethane	74-88-4	ug/L	5/29/2007	10	n/a	ND	
GU-3BG	u	4-Methyl-2-pentanone	108-10-1	ug/L	5/29/2007	10	n/a	ND	
GU-3BG	u	Methylene Bromide	74-95-3	ug/L	5/29/2007	1	n/a	ND	
GU-3BG	u	Methylene Chloride	75-09-2	ug/L	5/29/2007	5	n/a	ND	
GU-3BG	u	Styrene	100-42-5	ug/L	5/29/2007	1	n/a	ND	
GU-3BG	u	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	5/29/2007	1	n/a	ND	
GU-3BG	u	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	5/29/2007	1	n/a	ND	
GU-3BG	u	Tetrachloroethene	127-18-4	ug/L	5/29/2007	1	n/a	ND	
GU-3BG	u	Toluene	108-88-3	ug/L	5/29/2007	1	n/a	ND	
GU-3BG	u	1,1,1-Trichloroethane	71-55-6	ug/L	5/29/2007	1	n/a	ND	
GU-3BG	u	1,1,2-Trichloroethane	79-00-5	ug/L	5/29/2007	1	n/a	ND	
GU-3BG	u	Trichloroethene	79-01-6	ug/L	5/29/2007	1	n/a	ND	
GU-3BG	u	Trichlorofluoromethane	75-69-4	ug/L	5/29/2007	4	n/a	ND	
GU-3BG	u	1,2,3-Trichloropropane	96-18-4	ug/L	5/29/2007	1	n/a	ND	
GU-3BG	u	Vinyl acetate	108-05-4	ug/L	5/29/2007	2	n/a	ND	
GU-3BG	u	Vinyl chloride	75-01-4	ug/L	5/29/2007	1	n/a	ND	
GU-3BG	u	Xylenes, total	1330-20-7	ug/L	5/29/2007	3	n/a	ND	
GU-3BG	u	Acrolein	107-02-8	ug/L	5/29/2007	10	n/a	ND	
GU-3BG	u	3-Chloropropene	107-05-1	ug/L	5/29/2007	2	n/a	ND	
GU-3BG	u	Chloroprene	126-99-8	ug/L	5/29/2007	1	n/a	ND	
GU-3BG	u	Dichlorodifluoromethane	75-71-8	ug/L	5/29/2007	3	n/a	ND	
GU-3BG	u	1,3-Dichloropropane	142-28-9	ug/L	5/29/2007	1	n/a	ND	
GU-3BG	u	2,2-Dichloropropane	594-20-7	ug/L	5/29/2007	4	n/a	ND	
GU-3BG	u	1,1-Dichloropropene	563-58-6	ug/L	5/29/2007	1	n/a	ND	
GU-3BG	u	1,3-Dichlorobenzene	541-73-1	ug/L	5/29/2007	5.75	n/a	ND	
GU-3BG	u	Ethyl Methacrylate	97-63-2	ug/L	5/29/2007	2	n/a	ND	
GU-3BG	u	Methacrylonitrile	126-98-7	ug/L	5/29/2007	1	n/a	ND	
GU-3BG	u	Methyl Methacrylate	80-62-6	ug/L	5/29/2007	2	n/a	ND	
GU-3BG	u	Naphthalene	91-20-3	ug/L	5/29/2007	7.75	n/a	ND	
GU-3BG	u	Propionitrile	107-12-0	ug/L	5/29/2007	10	n/a	ND	
GU-3BG	u	1,2,4-Trichlorobenzene	120-82-1	ug/L	5/29/2007	7.75	n/a	ND	
GU-3BG	u	Acenaphthene	83-32-9	ug/L	5/29/2007	10.5	n/a	ND	
GU-3BG	u	Acenaphthylene	208-96-8	ug/L	5/29/2007	10.5	n/a	ND	
GU-3BG	u	Acetophenone	98-86-2	ug/L	5/29/2007	10.5	n/a	ND	
GU-3BG	u	2-Acetylaminofluorene	53-96-3	ug/L	5/29/2007	10.5	n/a	ND	

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Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
GU-3BG	u	4-Aminobiphenyl	92-67-1	ug/L	5/29/2007	10.5	n/a	ND	
GU-3BG	u	Anthracene	120-12-7	ug/L	5/29/2007	10.5	n/a	ND	
GU-3BG	u	Benzo [a] anthracene	56-55-3	ug/L	5/29/2007	10.5	n/a	ND	
GU-3BG	u	Benzo [b] fluoranthene	205-99-2	ug/L	5/29/2007	10.5	n/a	ND	
GU-3BG	u	Benzo [k] fluoranthene	207-08-9	ug/L	5/29/2007	10.5	n/a	ND	
GU-3BG	u	Benzo [g,h,i] perylene	191-24-2	ug/L	5/29/2007	10.5	n/a	ND	
GU-3BG	u	Benzo [a] pyrene	50-32-8	ug/L	5/29/2007	10.5	n/a	ND	
GU-3BG	u	Benzyl alcohol	100-51-6	ug/L	5/29/2007	52.6	n/a	ND	
GU-3BG	u	Bis[2-chloroethoxy]methane	111-91-1	ug/L	5/29/2007	10.5	n/a	ND	
GU-3BG	u	Bis[2-chloroethyl]ether	111-44-4	ug/L	5/29/2007	10.5	n/a	ND	
GU-3BG	u	Bis[2-chloroisopropyl]ether	108-60-1	ug/L	5/29/2007	10.5	n/a	ND	
GU-3BG	u	Bis[2-ethylhexyl]phthalate	117-81-7	ug/L	5/29/2007	10.5	n/a	ND	
GU-3BG	u	4-Bromophenyl phenyl ether	101-55-3	ug/L	5/29/2007	10.5	n/a	ND	
GU-3BG	u	Butyl benzyl phthalate	85-68-7	ug/L	5/29/2007	10.5	n/a	ND	
GU-3BG	u	4-Chloroaniline	106-47-8	ug/L	5/29/2007	10.5	n/a	ND	
GU-3BG	u	Chlorobenzilate	510-15-6	ug/L	5/29/2007	52.6	n/a	ND	
GU-3BG	u	4-Chloro-3-methylphenol	59-50-7	ug/L	5/29/2007	10.5	n/a	ND	
GU-3BG	u	2-Chloronaphthalene	91-58-7	ug/L	5/29/2007	10.5	n/a	ND	
GU-3BG	u	2-Chlorophenol	95-57-8	ug/L	5/29/2007	10.5	n/a	ND	
GU-3BG	u	4-Chlorophenyl phenyl ether	7005-72-3	ug/L	5/29/2007	10.5	n/a	ND	
GU-3BG	u	Chrysene	218-01-9	ug/L	5/29/2007	10.5	n/a	ND	
GU-3BG	u	3/4-Methylphenol	T-34MP	ug/L	5/29/2007	10.5	n/a	ND	
GU-3BG	u	2-Methylphenol	95-48-7	ug/L	5/29/2007	10.5	n/a	ND	
GU-3BG	u	Diallate [cis or trans]	2303-16-4	ug/L	5/29/2007	52.6	n/a	ND	
GU-3BG	u	Dibenz [a,h] anthracene	53-70-3	ug/L	5/29/2007	10.5	n/a	ND	
GU-3BG	u	Dibenzofuran	132-64-9	ug/L	5/29/2007	10.5	n/a	ND	
GU-3BG	u	Di-n-butyl phthalate	84-74-2	ug/L	5/29/2007	10.5	n/a	ND	
GU-3BG	u	3,3-Dichlorobenzidine	91-94-1	ug/L	5/29/2007	10.5	n/a	ND	
GU-3BG	u	2,4-Dichlorophenol	120-83-2	ug/L	5/29/2007	10.5	n/a	ND	
GU-3BG	u	2,6-Dichlorophenol	87-65-0	ug/L	5/29/2007	21.1	n/a	ND	
GU-3BG	u	Diethyl phthalate	84-66-2	ug/L	5/29/2007	10.5	n/a	ND	
GU-3BG	u	Thionazin	297-97-2	ug/L	5/29/2007	10.5	n/a	ND	
GU-3BG	u	7,12-Dimethylbenz [a] anthracene	57-97-6	ug/L	5/29/2007	10.5	n/a	ND	
GU-3BG	u	Dimethoate	60-51-5	ug/L	5/29/2007	10.5	n/a	ND	
GU-3BG	u	Dimethylaminoazobenzene	60-11-7	ug/L	5/29/2007	10.5	n/a	ND	
GU-3BG	u	3,3-Dimethylbenzidine	119-93-7	ug/L	5/29/2007	52.6	n/a	ND	
GU-3BG	u	2,4-Dimethylphenol	105-67-9	ug/L	5/29/2007	10.5	n/a	ND	
GU-3BG	u	Dimethyl phthalate	131-11-3	ug/L	5/29/2007	10.5	n/a	ND	
GU-3BG	u	1,3-Dinitrobenzene	99-65-0	ug/L	5/29/2007	10.5	n/a	ND	
GU-3BG	u	4,6-Dinitro-2-methylphenol	534-52-1	ug/L	5/29/2007	26.3	n/a	ND	
GU-3BG	u	2,4-Dinitrophenol	51-28-5	ug/L	5/29/2007	26.3	n/a	ND	
GU-3BG	u	2,4-Dinitrotoluene	121-14-2	ug/L	5/29/2007	10.5	n/a	ND	
GU-3BG	u	2,6-Dinitrotoluene	606-20-2	ug/L	5/29/2007	10.5	n/a	ND	
GU-3BG	u	Di-n-octyl phthalate	117-84-0	ug/L	5/29/2007	10.5	n/a	ND	
GU-3BG	u	Diphenylamine	122-39-4	ug/L	5/29/2007	10.5	n/a	ND	
GU-3BG	u	Disulfoton	298-04-4	ug/L	5/29/2007	10.5	n/a	ND	
GU-3BG	u	Ethyl Methanesulfonate	62-50-0	ug/L	5/29/2007	10.5	n/a	ND	
GU-3BG	u	Famphur	52-85-7	ug/L	5/29/2007	10.5	n/a	ND	
GU-3BG	u	Fluoranthene	206-44-0	ug/L	5/29/2007	10.5	n/a	ND	
GU-3BG	u	Fluorene	86-73-7	ug/L	5/29/2007	10.5	n/a	ND	
GU-3BG	u	Hexachlorobenzene	118-74-1	ug/L	5/29/2007	10.5	n/a	ND	
GU-3BG	u	Hexachlorobutadiene	87-68-3	ug/L	5/29/2007	10.5	n/a	ND	
GU-3BG	u	Hexachlorocyclopentadiene	77-47-4	ug/L	5/29/2007	10.5	n/a	ND	
GU-3BG	u	Hexachloroethane	67-72-1	ug/L	5/29/2007	10.5	n/a	ND	
GU-3BG	u	Hexachloropropene	1888-71-7	ug/L	5/29/2007	10.5	n/a	ND	
GU-3BG	u	Indeno [1,2,3-cd] pyrene	193-39-5	ug/L	5/29/2007	10.5	n/a	ND	
GU-3BG	u	Isodrin	465-73-6	ug/L	5/29/2007	10.5	n/a	ND	
GU-3BG	u	Isophorone	78-59-1	ug/L	5/29/2007	10.5	n/a	ND	
GU-3BG	u	Isosafrole	120-58-1	ug/L	5/29/2007	52.6	n/a	ND	
GU-3BG	u	Kepone	143-50-0	ug/L	5/29/2007	10.5	n/a	ND	
GU-3BG	u	Methapyrilene	91-80-5	ug/L	5/29/2007	52.6	n/a	ND	
GU-3BG	u	3-Methylcholanthrene	56-49-5	ug/L	5/29/2007	10.5	n/a	ND	
GU-3BG	u	Methyl Methanesulfonate	66-27-3	ug/L	5/29/2007	10.5	n/a	ND	
GU-3BG	u	2-Methylnaphthalene	91-57-6	ug/L	5/29/2007	10.5	n/a	ND	
GU-3BG	u	Parathion-methyl	298-00-0	ug/L	5/29/2007	10.5	n/a	ND	
GU-3BG	u	1,4-Naphthoquinone	130-15-4	ug/L	5/29/2007	10.5	n/a	ND	
GU-3BG	u	1-Naphthylamine	134-32-7	ug/L	5/29/2007	10.5	n/a	ND	
GU-3BG	u	2-Naphthylamine	91-59-8	ug/L	5/29/2007	10.5	n/a	ND	
GU-3BG	u	2-Nitroaniline	88-74-4	ug/L	5/29/2007	26.3	n/a	ND	
GU-3BG	u	3-Nitroaniline	99-09-2	ug/L	5/29/2007	26.3	n/a	ND	
GU-3BG	u	4-Nitroaniline	100-01-6	ug/L	5/29/2007	26.3	n/a	ND	
GU-3BG	u	Nitrobenzene	98-95-3	ug/L	5/29/2007	10.5	n/a	ND	
GU-3BG	u	2-Nitrophenol	88-75-5	ug/L	5/29/2007	10.5	n/a	ND	
GU-3BG	u	4-Nitrophenol	100-02-7	ug/L	5/29/2007	26.3	n/a	ND	
GU-3BG	u	N-Nitrosodi-n-butylamine	924-16-3	ug/L	5/29/2007	10.5	n/a	ND	

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GU-3BG	u	N-Nitrosodiethylamine	55-18-5	ug/L	5/29/2007	10.5	n/a	ND	
GU-3BG	u	N-Nitrosodimethylamine	62-75-9	ug/L	5/29/2007	10.5	n/a	ND	
GU-3BG	u	N-Nitrosodiphenylamine	86-30-6	ug/L	5/29/2007	10.5	n/a	ND	
GU-3BG	u	N-Nitrosodi-n-propylamine	621-64-7	ug/L	5/29/2007	10.5	n/a	ND	
GU-3BG	u	N-Nitrosomethylethylamine	10595-95-6	ug/L	5/29/2007	10.5	n/a	ND	
GU-3BG	u	N-Nitrosopiperidine	100-75-4	ug/L	5/29/2007	10.5	n/a	ND	
GU-3BG	u	N-Nitrosopyrrolidine	930-55-2	ug/L	5/29/2007	10.5	n/a	ND	
GU-3BG	u	5-Nitro-o-toluidine	99-55-8	ug/L	5/29/2007	10.5	n/a	ND	
GU-3BG	u	Parathion-ethyl	56-38-2	ug/L	5/29/2007	10.5	n/a	ND	
GU-3BG	u	Pentachlorobenzene	608-93-5	ug/L	5/29/2007	10.5	n/a	ND	
GU-3BG	u	Pentachloronitrobenzene	82-68-8	ug/L	5/29/2007	10.5	n/a	ND	
GU-3BG	u	Pentachlorophenol [2C]	87-86-5	ug/L	5/29/2007	26.3	n/a	ND	
GU-3BG	u	Phenacetin	62-44-2	ug/L	5/29/2007	10.5	n/a	ND	
GU-3BG	u	Phenanthrene	85-01-8	ug/L	5/29/2007	10.5	n/a	ND	
GU-3BG	u	Phenol	108-95-2	ug/L	5/29/2007	10.5	n/a	ND	
GU-3BG	u	1,4-Phenylenediamine	106-50-3	ug/L	5/29/2007	52.6	n/a	ND	
GU-3BG	u	Phorate	298-02-2	ug/L	5/29/2007	10.5	n/a	ND	
GU-3BG	u	Pronamide	23950-58-5	ug/L	5/29/2007	10.5	n/a	ND	
GU-3BG	u	Pyrene	129-00-0	ug/L	5/29/2007	10.5	n/a	ND	
GU-3BG	u	Safrole	94-59-7	ug/L	5/29/2007	10.5	n/a	ND	
GU-3BG	u	1,2,4,5-Tetrachlorobenzene	95-94-3	ug/L	5/29/2007	10.5	n/a	ND	
GU-3BG	u	2,3,4,6-Tetrachlorophenol	58-90-2	ug/L	5/29/2007	10.5	n/a	ND	
GU-3BG	u	o-Toluidine	95-53-4	ug/L	5/29/2007	10.5	n/a	ND	
GU-3BG	u	2,4,5-Trichlorophenol	95-95-4	ug/L	5/29/2007	26.3	n/a	ND	
GU-3BG	u	2,4,6-Trichlorophenol	88-06-2	ug/L	5/29/2007	10.5	n/a	ND	
GU-3BG	u	O,O,O-Triethyl phosphorothioate	126-68-1	ug/L	5/29/2007	10.5	n/a	ND	
GU-3BG	u	1,3,5-Trinitrobenzene	99-35-4	ug/L	5/29/2007	10.5	n/a	ND	
GU-3BG	u	Pentachloroethane	76-01-7	ug/L	5/29/2007	10.5	n/a	ND	
GU-3BG	u	Dinoseb	88-85-7	ug/L	5/29/2007	0.106	n/a	ND	
GU-3BG	u	Acetonitrile	75-05-8	ug/L	5/29/2007	10	n/a	ND	
GU-3BG	u	Isobutanol	78-83-1	mg/L	5/29/2007	10	n/a	ND	
GU-3BG	u	PCB-1016	12674-11-2	ug/L	5/29/2007	0.8	n/a	ND	
GU-3BG	u	PCB-1221	11104-28-2	ug/L	5/29/2007	0.8	n/a	ND	
GU-3BG	u	PCB-1232	11141-16-5	ug/L	5/29/2007	0.8	n/a	ND	
GU-3BG	u	PCB-1242	53469-21-9	ug/L	5/29/2007	0.8	n/a	ND	
GU-3BG	u	PCB-1248	12672-29-6	ug/L	5/29/2007	0.8	n/a	ND	
GU-3BG	u	PCB-1254	11097-69-1	ug/L	5/29/2007	0.8	n/a	ND	
GU-3BG	u	PCB-1260	11096-82-5	ug/L	5/29/2007	0.8	n/a	ND	
GU-3BG	u	PCB-1268	11100-14-4	ug/L	5/29/2007	0.8	n/a	ND	
GU-3BG	u	Cyanide	57-12-5	mg/L	5/29/2007	0.01	n/a	ND	
GU-3BG	u	Sulfide	18496-25-8	mg/L	5/29/2007	n/a	n/a	ND	1
GU-3BG	u	2,4-D [2C]	94-75-7	ug/L	5/29/2007	0.106	n/a	ND	
GU-3BG	u	2,4,5-TP [Silvex] [2C]	93-72-1	ug/L	5/29/2007	0.106	n/a	ND	
GU-3BG	u	2,4,5-T [2C]	93-76-5	ug/L	5/29/2007	0.106	n/a	ND	
GU-3BG	u	alpha-BHC	319-84-6	ug/L	5/29/2007	0.05	n/a	ND	
GU-3BG	u	beta-BHC	319-85-7	ug/L	5/29/2007	0.05	n/a	ND	
GU-3BG	u	Dieldrin	60-57-1	ug/L	5/29/2007	0.05	n/a	ND	
GU-3BG	u	4,4'-DDE	72-55-9	ug/L	5/29/2007	0.05	n/a	ND	
GU-3BG	u	delta-BHC	319-86-8	ug/L	5/29/2007	0.05	n/a	ND	
GU-3BG	u	Endrin	72-20-8	ug/L	5/29/2007	0.05	n/a	ND	
GU-3BG	u	gamma-BHC [Lindane]	58-89-9	ug/L	5/29/2007	0.05	n/a	ND	
GU-3BG	u	Endosulfan II	33213-65-9	ug/L	5/29/2007	0.05	n/a	ND	
GU-3BG	u	Heptachlor	76-44-8	ug/L	5/29/2007	0.05	n/a	ND	
GU-3BG	u	4,4'-DDD	72-54-8	ug/L	5/29/2007	0.05	n/a	ND	
GU-3BG	u	Aldrin	309-00-2	ug/L	5/29/2007	0.05	n/a	ND	
GU-3BG	u	Endosulfan sulfate	1031-07-8	ug/L	5/29/2007	0.05	n/a	ND	
GU-3BG	u	Heptachlor epoxide	1024-57-3	ug/L	5/29/2007	0.05	n/a	ND	
GU-3BG	u	4,4'-DDT	50-29-3	ug/L	5/29/2007	0.05	n/a	ND	
GU-3BG	u	Endosulfan I	959-98-8	ug/L	5/29/2007	0.05	n/a	ND	
GU-3BG	u	Methoxychlor	72-43-5	ug/L	5/29/2007	0.05	n/a	ND	
GU-3BG	u	Toxaphene	8001-35-2	ug/L	5/29/2007	5	n/a	ND	
GU-3BG	u	Endrin aldehyde	7421-93-4	ug/L	5/29/2007	0.05	n/a	ND	
GU-3BG	u	Chlordane	57-74-9	ug/L	5/29/2007	3	n/a	ND	
GU-4	d	Antimony	7440-36-0	mg/L	5/29/2007	0.006	n/a	ND	
GU-4	d	Arsenic	7440-38-2	mg/L	5/29/2007	0.001	n/a	ND	
GU-4	d	Barium	7440-39-3	mg/L	5/29/2007	n/a	n/a	ND	0.0156
GU-4	d	Beryllium	7440-41-7	mg/L	5/29/2007	0.001	n/a	ND	
GU-4	d	Cadmium	7440-43-9	mg/L	5/29/2007	0.0005	n/a	ND	
GU-4	d	Chromium	7440-47-3	mg/L	5/29/2007	0.02	n/a	ND	
GU-4	d	Cobalt	7440-48-4	mg/L	5/29/2007	0.02	n/a	ND	
GU-4	d	Copper	7440-50-8	mg/L	5/29/2007	0.02	n/a	ND	
GU-4	d	Lead	7439-92-1	mg/L	5/29/2007	0.004	n/a	ND	
GU-4	d	Nickel	7440-02-0	mg/L	5/29/2007	n/a	n/a	ND	0.0772
GU-4	d	Selenium	7782-49-2	mg/L	5/29/2007	0.005	n/a	ND	
GU-4	d	Silver	7440-22-4	mg/L	5/29/2007	0.02	n/a	ND	

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GU-4	d	Thallium	7440-28-0	mg/L	5/29/2007	0.002	n/a	ND	
GU-4	d	Vanadium	7440-62-2	mg/L	5/29/2007	0.05	n/a	ND	
GU-4	d	Zinc	7440-66-6	mg/L	5/29/2007	n/a	n/a		0.177
GU-4	d	Mercury	7439-97-6	mg/L	5/29/2007	0.0002	n/a	ND	
GU-4	d	Tin	7440-31-5	mg/L	5/29/2007	0.1	n/a	ND	
GU-4	d	Acetone	67-64-1	ug/L	5/29/2007	10	n/a	ND	
GU-4	d	Acrylonitrile	107-13-1	ug/L	5/29/2007	10	n/a	ND	
GU-4	d	Benzene	71-43-2	ug/L	5/29/2007	0.5	n/a	ND	
GU-4	d	Bromochloromethane	74-97-5	ug/L	5/29/2007	5	n/a	ND	
GU-4	d	Bromodichloromethane	75-27-4	ug/L	5/29/2007	1	n/a	ND	
GU-4	d	Bromoform	75-25-2	ug/L	5/29/2007	5	n/a	ND	
GU-4	d	Carbon disulfide	75-15-0	ug/L	5/29/2007	1	n/a	ND	
GU-4	d	Carbon Tetrachloride	56-23-5	ug/L	5/29/2007	2	n/a	ND	
GU-4	d	Chlorobenzene	108-90-7	ug/L	5/29/2007	1	n/a	ND	
GU-4	d	Chloroethane	75-00-3	ug/L	5/29/2007	4	n/a	ND	
GU-4	d	Chloroform	67-66-3	ug/L	5/29/2007	1	n/a	ND	
GU-4	d	Chlorodibromomethane	124-48-1	ug/L	5/29/2007	5	n/a	ND	
GU-4	d	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	5/29/2007	10	n/a	ND	
GU-4	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	5/29/2007	10	n/a	ND	
GU-4	d	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	5/29/2007	10	n/a	ND	
GU-4	d	1,1-Dichloroethane	75-34-3	ug/L	5/29/2007	1	n/a	ND	
GU-4	d	1,2-Dichloroethane	107-06-2	ug/L	5/29/2007	1	n/a	ND	
GU-4	d	1,1-Dichloroethene	75-35-4	ug/L	5/29/2007	2	n/a	ND	
GU-4	d	cis-1,2-Dichloroethene	156-59-2	ug/L	5/29/2007	1	n/a	ND	
GU-4	d	trans-1,2-Dichloroethene	156-60-5	ug/L	5/29/2007	1	n/a	ND	
GU-4	d	1,2-Dichloropropane	78-87-5	ug/L	5/29/2007	1	n/a	ND	
GU-4	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	5/29/2007	5	n/a	ND	
GU-4	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	5/29/2007	5	n/a	ND	
GU-4	d	1,2-Dichlorobenzene	95-50-1	ug/L	5/29/2007	5.75	n/a	ND	
GU-4	d	1,4-Dichlorobenzene	106-46-7	ug/L	5/29/2007	5.75	n/a	ND	
GU-4	d	Ethylbenzene	100-41-4	ug/L	5/29/2007	1	n/a	ND	
GU-4	d	2-Hexanone	591-78-6	ug/L	5/29/2007	10	n/a	ND	
GU-4	d	Bromomethane	74-83-9	ug/L	5/29/2007	4	n/a	ND	
GU-4	d	Chloromethane	74-87-3	ug/L	5/29/2007	3	n/a	ND	
GU-4	d	2-Butanone	78-93-3	ug/L	5/29/2007	10	n/a	ND	
GU-4	d	Iodomethane	74-88-4	ug/L	5/29/2007	10	n/a	ND	
GU-4	d	4-Methyl-2-pentanone	108-10-1	ug/L	5/29/2007	10	n/a	ND	
GU-4	d	Methylene Bromide	74-95-3	ug/L	5/29/2007	1	n/a	ND	
GU-4	d	Methylene Chloride	75-09-2	ug/L	5/29/2007	5	n/a	ND	
GU-4	d	Styrene	100-42-5	ug/L	5/29/2007	1	n/a	ND	
GU-4	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	5/29/2007	1	n/a	ND	
GU-4	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	5/29/2007	1	n/a	ND	
GU-4	d	Tetrachloroethene	127-18-4	ug/L	5/29/2007	1	n/a	ND	
GU-4	d	Toluene	108-88-3	ug/L	5/29/2007	1	n/a	ND	
GU-4	d	1,1,1-Trichloroethane	71-55-6	ug/L	5/29/2007	1	n/a	ND	
GU-4	d	1,1,2-Trichloroethane	79-00-5	ug/L	5/29/2007	1	n/a	ND	
GU-4	d	Trichloroethene	79-01-6	ug/L	5/29/2007	1	n/a	ND	
GU-4	d	Trichlorofluoromethane	75-69-4	ug/L	5/29/2007	4	n/a	ND	
GU-4	d	1,2,3-Trichloropropane	96-18-4	ug/L	5/29/2007	1	n/a	ND	
GU-4	d	Vinyl acetate	108-05-4	ug/L	5/29/2007	2	n/a	ND	
GU-4	d	Vinyl chloride	75-01-4	ug/L	5/29/2007	1	n/a	ND	
GU-4	d	Xylenes, total	1330-20-7	ug/L	5/29/2007	3	n/a	ND	
GU-4	d	Acrolein	107-02-8	ug/L	5/29/2007	10	n/a	ND	
GU-4	d	3-Chloropropene	107-05-1	ug/L	5/29/2007	2	n/a	ND	
GU-4	d	Chloroprene	126-99-8	ug/L	5/29/2007	1	n/a	ND	
GU-4	d	Dichlorodifluoromethane	75-71-8	ug/L	5/29/2007	3	n/a	ND	
GU-4	d	1,3-Dichloropropane	142-28-9	ug/L	5/29/2007	1	n/a	ND	
GU-4	d	2,2-Dichloropropane	594-20-7	ug/L	5/29/2007	4	n/a	ND	
GU-4	d	1,1-Dichloropropene	563-58-6	ug/L	5/29/2007	1	n/a	ND	
GU-4	d	1,3-Dichlorobenzene	541-73-1	ug/L	5/29/2007	5.75	n/a	ND	
GU-4	d	Ethyl Methacrylate	97-63-2	ug/L	5/29/2007	2	n/a	ND	
GU-4	d	Methacrylonitrile	126-98-7	ug/L	5/29/2007	1	n/a	ND	
GU-4	d	Methyl Methacrylate	80-62-6	ug/L	5/29/2007	2	n/a	ND	
GU-4	d	Naphthalene	91-20-3	ug/L	5/29/2007	7.75	n/a	ND	
GU-4	d	Propionitrile	107-12-0	ug/L	5/29/2007	10	n/a	ND	
GU-4	d	1,2,4-Trichlorobenzene	120-82-1	ug/L	5/29/2007	7.75	n/a	ND	
GU-4	d	Acenaphthene	83-32-9	ug/L	5/29/2007	10.5	n/a	ND	
GU-4	d	Acenaphthylene	208-96-8	ug/L	5/29/2007	10.5	n/a	ND	
GU-4	d	Acetophenone	98-86-2	ug/L	5/29/2007	10.5	n/a	ND	
GU-4	d	2-Acetylaminofluorene	53-96-3	ug/L	5/29/2007	10.5	n/a	ND	
GU-4	d	4-Aminobiphenyl	92-67-1	ug/L	5/29/2007	10.5	n/a	ND	
GU-4	d	Anthracene	120-12-7	ug/L	5/29/2007	10.5	n/a	ND	
GU-4	d	Benzo [a] anthracene	56-55-3	ug/L	5/29/2007	10.5	n/a	ND	
GU-4	d	Benzo [b] fluoranthene	205-99-2	ug/L	5/29/2007	10.5	n/a	ND	
GU-4	d	Benzo [k] fluoranthene	207-08-9	ug/L	5/29/2007	10.5	n/a	ND	

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GU-4	d	Benzo [g,h,i] perylene	191-24-2	ug/L	5/29/2007	10.5	n/a	ND	
GU-4	d	Benzo [a] pyrene	50-32-8	ug/L	5/29/2007	10.5	n/a	ND	
GU-4	d	Benzyl alcohol	100-51-6	ug/L	5/29/2007	52.6	n/a	ND	
GU-4	d	Bis[2-chloroethoxy]methane	111-91-1	ug/L	5/29/2007	10.5	n/a	ND	
GU-4	d	Bis[2-chloroethyl]ether	111-44-4	ug/L	5/29/2007	10.5	n/a	ND	
GU-4	d	Bis[2-chloroisopropyl]ether	108-60-1	ug/L	5/29/2007	10.5	n/a	ND	
GU-4	d	Bis[2-ethylhexyl]phthalate	117-81-7	ug/L	5/29/2007	10.5	n/a	ND	
GU-4	d	4-Bromophenyl phenyl ether	101-55-3	ug/L	5/29/2007	10.5	n/a	ND	
GU-4	d	Butyl benzyl phthalate	85-68-7	ug/L	5/29/2007	10.5	n/a	ND	
GU-4	d	4-Chloroaniline	106-47-8	ug/L	5/29/2007	10.5	n/a	ND	
GU-4	d	Chlorobenzilate	510-15-6	ug/L	5/29/2007	52.6	n/a	ND	
GU-4	d	4-Chloro-3-methylphenol	59-50-7	ug/L	5/29/2007	10.5	n/a	ND	
GU-4	d	2-Chloronaphthalene	91-58-7	ug/L	5/29/2007	10.5	n/a	ND	
GU-4	d	2-Chlorophenol	95-57-8	ug/L	5/29/2007	10.5	n/a	ND	
GU-4	d	4-Chlorophenyl phenyl ether	7005-72-3	ug/L	5/29/2007	10.5	n/a	ND	
GU-4	d	Chrysene	218-01-9	ug/L	5/29/2007	10.5	n/a	ND	
GU-4	d	3/4-Methylphenol	T-34MP	ug/L	5/29/2007	10.5	n/a	ND	
GU-4	d	2-Methylphenol	95-48-7	ug/L	5/29/2007	10.5	n/a	ND	
GU-4	d	Diallate [cis or trans]	2303-16-4	ug/L	5/29/2007	52.6	n/a	ND	
GU-4	d	Dibenz [a,h] anthracene	53-70-3	ug/L	5/29/2007	10.5	n/a	ND	
GU-4	d	Dibenzofuran	132-64-9	ug/L	5/29/2007	10.5	n/a	ND	
GU-4	d	Di-n-butyl phthalate	84-74-2	ug/L	5/29/2007	10.5	n/a	ND	
GU-4	d	3,3-Dichlorobenzidine	91-94-1	ug/L	5/29/2007	10.5	n/a	ND	
GU-4	d	2,4-Dichlorophenol	120-83-2	ug/L	5/29/2007	10.5	n/a	ND	
GU-4	d	2,6-Dichlorophenol	87-65-0	ug/L	5/29/2007	21.1	n/a	ND	
GU-4	d	Diethyl phthalate	84-66-2	ug/L	5/29/2007	10.5	n/a	ND	
GU-4	d	Thionazin	297-97-2	ug/L	5/29/2007	10.5	n/a	ND	
GU-4	d	7,12-Dimethylbenz [a] anthracene	57-97-6	ug/L	5/29/2007	10.5	n/a	ND	
GU-4	d	Dimethoate	60-51-5	ug/L	5/29/2007	10.5	n/a	ND	
GU-4	d	Dimethylaminoazobenzene	60-11-7	ug/L	5/29/2007	10.5	n/a	ND	
GU-4	d	3,3-Dimethylbenzidine	119-93-7	ug/L	5/29/2007	52.6	n/a	ND	
GU-4	d	2,4-Dimethylphenol	105-67-9	ug/L	5/29/2007	10.5	n/a	ND	
GU-4	d	Dimethyl phthalate	131-11-3	ug/L	5/29/2007	10.5	n/a	ND	
GU-4	d	1,3-Dinitrobenzene	99-65-0	ug/L	5/29/2007	10.5	n/a	ND	
GU-4	d	4,6-Dinitro-2-methylphenol	534-52-1	ug/L	5/29/2007	26.3	n/a	ND	
GU-4	d	2,4-Dinitrophenol	51-28-5	ug/L	5/29/2007	26.3	n/a	ND	
GU-4	d	2,4-Dinitrotoluene	121-14-2	ug/L	5/29/2007	10.5	n/a	ND	
GU-4	d	2,6-Dinitrotoluene	606-20-2	ug/L	5/29/2007	10.5	n/a	ND	
GU-4	d	Di-n-octyl phthalate	117-84-0	ug/L	5/29/2007	10.5	n/a	ND	
GU-4	d	Diphenylamine	122-39-4	ug/L	5/29/2007	10.5	n/a	ND	
GU-4	d	Disulfoton	298-04-4	ug/L	5/29/2007	10.5	n/a	ND	
GU-4	d	Ethyl Methanesulfonate	62-50-0	ug/L	5/29/2007	10.5	n/a	ND	
GU-4	d	Famphur	52-85-7	ug/L	5/29/2007	10.5	n/a	ND	
GU-4	d	Fluoranthene	206-44-0	ug/L	5/29/2007	10.5	n/a	ND	
GU-4	d	Fluorene	86-73-7	ug/L	5/29/2007	10.5	n/a	ND	
GU-4	d	Hexachlorobenzene	118-74-1	ug/L	5/29/2007	10.5	n/a	ND	
GU-4	d	Hexachlorobutadiene	87-68-3	ug/L	5/29/2007	10.5	n/a	ND	
GU-4	d	Hexachlorocyclopentadiene	77-47-4	ug/L	5/29/2007	10.5	n/a	ND	
GU-4	d	Hexachloroethane	67-72-1	ug/L	5/29/2007	10.5	n/a	ND	
GU-4	d	Hexachloropropene	1888-71-7	ug/L	5/29/2007	10.5	n/a	ND	
GU-4	d	Isodrin	465-73-6	ug/L	5/29/2007	10.5	n/a	ND	
GU-4	d	Isophorone	78-59-1	ug/L	5/29/2007	10.5	n/a	ND	
GU-4	d	Isosafrole	120-58-1	ug/L	5/29/2007	52.6	n/a	ND	
GU-4	d	Kepone	143-50-0	ug/L	5/29/2007	10.5	n/a	ND	
GU-4	d	Methapyrilene	91-80-5	ug/L	5/29/2007	52.6	n/a	ND	
GU-4	d	3-Methylcholanthrene	56-49-5	ug/L	5/29/2007	10.5	n/a	ND	
GU-4	d	Methyl Methanesulfonate	66-27-3	ug/L	5/29/2007	10.5	n/a	ND	
GU-4	d	2-Methylnaphthalene	91-57-6	ug/L	5/29/2007	10.5	n/a	ND	
GU-4	d	Parathion-methyl	298-00-0	ug/L	5/29/2007	10.5	n/a	ND	
GU-4	d	1,4-Naphthoquinone	130-15-4	ug/L	5/29/2007	10.5	n/a	ND	
GU-4	d	1-Naphthylamine	134-32-7	ug/L	5/29/2007	10.5	n/a	ND	
GU-4	d	2-Naphthylamine	91-59-8	ug/L	5/29/2007	10.5	n/a	ND	
GU-4	d	2-Nitroaniline	88-74-4	ug/L	5/29/2007	26.3	n/a	ND	
GU-4	d	3-Nitroaniline	99-09-2	ug/L	5/29/2007	26.3	n/a	ND	
GU-4	d	4-Nitroaniline	100-01-6	ug/L	5/29/2007	26.3	n/a	ND	
GU-4	d	Nitrobenzene	98-95-3	ug/L	5/29/2007	10.5	n/a	ND	
GU-4	d	2-Nitrophenol	88-75-5	ug/L	5/29/2007	10.5	n/a	ND	
GU-4	d	4-Nitrophenol	100-02-7	ug/L	5/29/2007	26.3	n/a	ND	
GU-4	d	N-Nitrosodi-n-butylamine	924-16-3	ug/L	5/29/2007	10.5	n/a	ND	
GU-4	d	N-Nitrosodiethylamine	55-18-5	ug/L	5/29/2007	10.5	n/a	ND	
GU-4	d	N-Nitrosodimethylamine	62-75-9	ug/L	5/29/2007	10.5	n/a	ND	
GU-4	d	N-Nitrosodiphenylamine	86-30-6	ug/L	5/29/2007	10.5	n/a	ND	
GU-4	d	N-Nitrosodi-n-propylamine	621-64-7	ug/L	5/29/2007	10.5	n/a	ND	
GU-4	d	N-Nitrosomethylethylamine	10595-95-6	ug/L	5/29/2007	10.5	n/a	ND	
GU-4	d	N-Nitrosopiperidine	100-75-4	ug/L	5/29/2007	10.5	n/a	ND	

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GU-4	d	N-Nitrosopyrrolidine	930-55-2	ug/L	5/29/2007	10.5	n/a	ND	
GU-4	d	5-Nitro-o-toluidine	99-55-8	ug/L	5/29/2007	10.5	n/a	ND	
GU-4	d	Parathion-ethyl	56-38-2	ug/L	5/29/2007	10.5	n/a	ND	
GU-4	d	Pentachlorobenzene	608-93-5	ug/L	5/29/2007	10.5	n/a	ND	
GU-4	d	Pentachloronitrobenzene	82-68-8	ug/L	5/29/2007	10.5	n/a	ND	
GU-4	d	Pentachlorophenol [2C]	87-86-5	ug/L	5/29/2007	26.3	n/a	ND	
GU-4	d	Phenacetin	62-44-2	ug/L	5/29/2007	10.5	n/a	ND	
GU-4	d	Phenanthrene	85-01-8	ug/L	5/29/2007	10.5	n/a	ND	
GU-4	d	Phenol	108-95-2	ug/L	5/29/2007	10.5	n/a	ND	
GU-4	d	1,4-Phenylenediamine	106-50-3	ug/L	5/29/2007	52.6	n/a	ND	
GU-4	d	Phorate	298-02-2	ug/L	5/29/2007	10.5	n/a	ND	
GU-4	d	Pronamide	23950-58-5	ug/L	5/29/2007	10.5	n/a	ND	
GU-4	d	Pyrene	129-00-0	ug/L	5/29/2007	10.5	n/a	ND	
GU-4	d	Safrole	94-59-7	ug/L	5/29/2007	10.5	n/a	ND	
GU-4	d	1,2,4,5-Tetrachlorobenzene	95-94-3	ug/L	5/29/2007	10.5	n/a	ND	
GU-4	d	2,3,4,6-Tetrachlorophenol	58-90-2	ug/L	5/29/2007	10.5	n/a	ND	
GU-4	d	o-Toluidine	95-53-4	ug/L	5/29/2007	10.5	n/a	ND	
GU-4	d	2,4,5-Trichlorophenol	95-95-4	ug/L	5/29/2007	26.3	n/a	ND	
GU-4	d	2,4,6-Trichlorophenol	88-06-2	ug/L	5/29/2007	10.5	n/a	ND	
GU-4	d	O,O,O-Triethyl phosphorothioate	126-68-1	ug/L	5/29/2007	10.5	n/a	ND	
GU-4	d	1,3,5-Trinitrobenzene	99-35-4	ug/L	5/29/2007	10.5	n/a	ND	
GU-4	d	Pentachloroethane	76-01-7	ug/L	5/29/2007	10.5	n/a	ND	
GU-4	d	Dinoseb	88-85-7	ug/L	5/29/2007	0.105	n/a	ND	
GU-4	d	Acetonitrile	75-05-8	ug/L	5/29/2007	10	n/a	ND	
GU-4	d	Isobutanol	78-83-1	mg/L	5/29/2007	10	n/a	ND	
GU-4	d	PCB-1016	12674-11-2	ug/L	5/29/2007	0.8	n/a	ND	
GU-4	d	PCB-1221	11104-28-2	ug/L	5/29/2007	0.8	n/a	ND	
GU-4	d	PCB-1232	11141-16-5	ug/L	5/29/2007	0.8	n/a	ND	
GU-4	d	PCB-1242	53469-21-9	ug/L	5/29/2007	0.8	n/a	ND	
GU-4	d	PCB-1248	12672-29-6	ug/L	5/29/2007	0.8	n/a	ND	
GU-4	d	PCB-1254	11097-69-1	ug/L	5/29/2007	0.8	n/a	ND	
GU-4	d	PCB-1260	11096-82-5	ug/L	5/29/2007	0.8	n/a	ND	
GU-4	d	PCB-1268	11100-14-4	ug/L	5/29/2007	0.8	n/a	ND	
GU-4	d	Cyanide	57-12-5	mg/L	5/29/2007	0.01	n/a	ND	
GU-4	d	Sulfide	18496-25-8	mg/L	5/29/2007	1	n/a	ND	
GU-4	d	2,4-D [2C]	94-75-7	ug/L	5/29/2007	0.105	n/a	ND	
GU-4	d	2,4,5-TP [Silvex] [2C]	93-72-1	ug/L	5/29/2007	0.105	n/a	ND	
GU-4	d	2,4,5-T [2C]	93-76-5	ug/L	5/29/2007	0.105	n/a	ND	
GU-4	d	alpha-BHC	319-84-6	ug/L	5/29/2007	0.05	n/a	ND	
GU-4	d	beta-BHC	319-85-7	ug/L	5/29/2007	0.05	n/a	ND	
GU-4	d	Dieldrin	60-57-1	ug/L	5/29/2007	0.05	n/a	ND	
GU-4	d	4,4'-DDE	72-55-9	ug/L	5/29/2007	0.05	n/a	ND	
GU-4	d	delta-BHC	319-86-8	ug/L	5/29/2007	0.05	n/a	ND	
GU-4	d	Endrin	72-20-8	ug/L	5/29/2007	0.05	n/a	ND	
GU-4	d	gamma-BHC [Lindane]	58-89-9	ug/L	5/29/2007	0.05	n/a	ND	
GU-4	d	Endosulfan II	33213-65-9	ug/L	5/29/2007	0.05	n/a	ND	
GU-4	d	Heptachlor	76-44-8	ug/L	5/29/2007	0.05	n/a	ND	
GU-4	d	4,4'-DDD	72-54-8	ug/L	5/29/2007	0.05	n/a	ND	
GU-4	d	Aldrin	309-00-2	ug/L	5/29/2007	0.05	n/a	ND	
GU-4	d	Endosulfan sulfate	1031-07-8	ug/L	5/29/2007	0.05	n/a	ND	
GU-4	d	Heptachlor epoxide	1024-57-3	ug/L	5/29/2007	0.05	n/a	ND	
GU-4	d	4,4'-DDT	50-29-3	ug/L	5/29/2007	0.05	n/a	ND	
GU-4	d	Endosulfan I	959-98-8	ug/L	5/29/2007	0.05	n/a	ND	
GU-4	d	Methoxychlor	72-43-5	ug/L	5/29/2007	0.05	n/a	ND	
GU-4	d	Toxaphene	8001-35-2	ug/L	5/29/2007	5	n/a	ND	
GU-4	d	Endrin aldehyde	7421-93-4	ug/L	5/29/2007	0.05	n/a	ND	
GU-4	d	Chlordane	57-74-9	ug/L	5/29/2007	3	n/a	ND	
GU-4BG	u	Antimony	7440-36-0	mg/L	5/29/2007	0.006	n/a	ND	
GU-4BG	u	Arsenic	7440-38-2	mg/L	5/29/2007	0.001	n/a	ND	
GU-4BG	u	Barium	7440-39-3	mg/L	5/29/2007	n/a	n/a		0.0156
GU-4BG	u	Beryllium	7440-41-7	mg/L	5/29/2007	0.001	n/a	ND	
GU-4BG	u	Cadmium	7440-43-9	mg/L	5/29/2007	0.0005	n/a	ND	
GU-4BG	u	Chromium	7440-47-3	mg/L	5/29/2007	0.02	n/a	ND	
GU-4BG	u	Cobalt	7440-48-4	mg/L	5/29/2007	0.02	n/a	ND	
GU-4BG	u	Copper	7440-50-8	mg/L	5/29/2007	0.02	n/a	ND	
GU-4BG	u	Lead	7439-92-1	mg/L	5/29/2007	0.004	n/a	ND	
GU-4BG	u	Nickel	7440-02-0	mg/L	5/29/2007	n/a	n/a		0.0772
GU-4BG	u	Selenium	7782-49-2	mg/L	5/29/2007	0.005	n/a	ND	
GU-4BG	u	Silver	7440-22-4	mg/L	5/29/2007	0.02	n/a	ND	
GU-4BG	u	Thallium	7440-28-0	mg/L	5/29/2007	0.002	n/a	ND	
GU-4BG	u	Vanadium	7440-62-2	mg/L	5/29/2007	0.05	n/a	ND	
GU-4BG	u	Zinc	7440-66-6	mg/L	5/29/2007	n/a	n/a		0.177
GU-4BG	u	Mercury	7439-97-6	mg/L	5/29/2007	0.0002	n/a	ND	
GU-4BG	u	Tin	7440-31-5	mg/L	5/29/2007	0.1	n/a	ND	
GU-4BG	u	Acetone	67-64-1	ug/L	5/29/2007	10	n/a	ND	

Table 9A
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Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
GU-4BG	u	Acrylonitrile	107-13-1	ug/L	5/29/2007	10	n/a	ND	
GU-4BG	u	Benzene	71-43-2	ug/L	5/29/2007	0.5	n/a	ND	
GU-4BG	u	Bromochloromethane	74-97-5	ug/L	5/29/2007	5	n/a	ND	
GU-4BG	u	Bromodichloromethane	75-27-4	ug/L	5/29/2007	1	n/a	ND	
GU-4BG	u	Bromoform	75-25-2	ug/L	5/29/2007	5	n/a	ND	
GU-4BG	u	Carbon disulfide	75-15-0	ug/L	5/29/2007	1	n/a	ND	
GU-4BG	u	Carbon Tetrachloride	56-23-5	ug/L	5/29/2007	2	n/a	ND	
GU-4BG	u	Chlorobenzene	108-90-7	ug/L	5/29/2007	1	n/a	ND	
GU-4BG	u	Chloroethane	75-00-3	ug/L	5/29/2007	4	n/a	ND	
GU-4BG	u	Chloroform	67-66-3	ug/L	5/29/2007	1	n/a	ND	
GU-4BG	u	Chlorodibromomethane	124-48-1	ug/L	5/29/2007	5	n/a	ND	
GU-4BG	u	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	5/29/2007	10	n/a	ND	
GU-4BG	u	1,2-Dibromoethane [EDB]	106-93-4	ug/L	5/29/2007	10	n/a	ND	
GU-4BG	u	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	5/29/2007	10	n/a	ND	
GU-4BG	u	1,1-Dichloroethane	75-34-3	ug/L	5/29/2007	1	n/a	ND	
GU-4BG	u	1,2-Dichloroethane	107-06-2	ug/L	5/29/2007	1	n/a	ND	
GU-4BG	u	1,1-Dichloroethene	75-35-4	ug/L	5/29/2007	2	n/a	ND	
GU-4BG	u	cis-1,2-Dichloroethene	156-59-2	ug/L	5/29/2007	1	n/a	ND	
GU-4BG	u	trans-1,2-Dichloroethene	156-60-5	ug/L	5/29/2007	1	n/a	ND	
GU-4BG	u	1,2-Dichloropropane	78-87-5	ug/L	5/29/2007	1	n/a	ND	
GU-4BG	u	cis-1,3-Dichloropropene	10061-01-5	ug/L	5/29/2007	5	n/a	ND	
GU-4BG	u	trans-1,3-Dichloropropene	10061-02-6	ug/L	5/29/2007	5	n/a	ND	
GU-4BG	u	1,2-Dichlorobenzene	95-50-1	ug/L	5/29/2007	5.75	n/a	ND	
GU-4BG	u	1,4-Dichlorobenzene	106-46-7	ug/L	5/29/2007	5.75	n/a	ND	
GU-4BG	u	Ethylbenzene	100-41-4	ug/L	5/29/2007	1	n/a	ND	
GU-4BG	u	2-Hexanone	591-78-6	ug/L	5/29/2007	10	n/a	ND	
GU-4BG	u	Bromomethane	74-83-9	ug/L	5/29/2007	4	n/a	ND	
GU-4BG	u	Chloromethane	74-87-3	ug/L	5/29/2007	3	n/a	ND	
GU-4BG	u	2-Butanone	78-93-3	ug/L	5/29/2007	10	n/a	ND	
GU-4BG	u	Iodomethane	74-88-4	ug/L	5/29/2007	10	n/a	ND	
GU-4BG	u	4-Methyl-2-pentanone	108-10-1	ug/L	5/29/2007	10	n/a	ND	
GU-4BG	u	Methylene Bromide	74-95-3	ug/L	5/29/2007	1	n/a	ND	
GU-4BG	u	Methylene Chloride	75-09-2	ug/L	5/29/2007	5	n/a	ND	
GU-4BG	u	Styrene	100-42-5	ug/L	5/29/2007	1	n/a	ND	
GU-4BG	u	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	5/29/2007	1	n/a	ND	
GU-4BG	u	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	5/29/2007	1	n/a	ND	
GU-4BG	u	Tetrachloroethene	127-18-4	ug/L	5/29/2007	1	n/a	ND	
GU-4BG	u	Toluene	108-88-3	ug/L	5/29/2007	1	n/a	ND	
GU-4BG	u	1,1,1-Trichloroethane	71-55-6	ug/L	5/29/2007	1	n/a	ND	
GU-4BG	u	1,1,2-Trichloroethane	79-00-5	ug/L	5/29/2007	1	n/a	ND	
GU-4BG	u	Trichloroethene	79-01-6	ug/L	5/29/2007	1	n/a	ND	
GU-4BG	u	Trichlorofluoromethane	75-69-4	ug/L	5/29/2007	4	n/a	ND	
GU-4BG	u	1,2,3-Trichloropropane	96-18-4	ug/L	5/29/2007	1	n/a	ND	
GU-4BG	u	Vinyl acetate	108-05-4	ug/L	5/29/2007	2	n/a	ND	
GU-4BG	u	Vinyl chloride	75-01-4	ug/L	5/29/2007	1	n/a	ND	
GU-4BG	u	Xylenes, total	1330-20-7	ug/L	5/29/2007	3	n/a	ND	
GU-4BG	u	Acrolein	107-02-8	ug/L	5/29/2007	10	n/a	ND	
GU-4BG	u	3-Chloropropene	107-05-1	ug/L	5/29/2007	2	n/a	ND	
GU-4BG	u	Chloroprene	126-99-8	ug/L	5/29/2007	1	n/a	ND	
GU-4BG	u	Dichlorodifluoromethane	75-71-8	ug/L	5/29/2007	3	n/a	ND	
GU-4BG	u	1,3-Dichloropropane	142-28-9	ug/L	5/29/2007	1	n/a	ND	
GU-4BG	u	2,2-Dichloropropane	594-20-7	ug/L	5/29/2007	4	n/a	ND	
GU-4BG	u	1,1-Dichloropropene	563-58-6	ug/L	5/29/2007	1	n/a	ND	
GU-4BG	u	1,3-Dichlorobenzene	541-73-1	ug/L	5/29/2007	5.75	n/a	ND	
GU-4BG	u	Ethyl Methacrylate	97-63-2	ug/L	5/29/2007	2	n/a	ND	
GU-4BG	u	Methacrylonitrile	126-98-7	ug/L	5/29/2007	1	n/a	ND	
GU-4BG	u	Methyl Methacrylate	80-62-6	ug/L	5/29/2007	2	n/a	ND	
GU-4BG	u	Naphthalene	91-20-3	ug/L	5/29/2007	7.75	n/a	ND	
GU-4BG	u	Propionitrile	107-12-0	ug/L	5/29/2007	10	n/a	ND	
GU-4BG	u	1,2,4-Trichlorobenzene	120-82-1	ug/L	5/29/2007	7.75	n/a	ND	
GU-4BG	u	Acenaphthene	83-32-9	ug/L	5/29/2007	10.5	n/a	ND	
GU-4BG	u	Acenaphthylene	208-96-8	ug/L	5/29/2007	10.5	n/a	ND	
GU-4BG	u	Acetophenone	98-86-2	ug/L	5/29/2007	10.5	n/a	ND	
GU-4BG	u	2-Acetylaminofluorene	53-96-3	ug/L	5/29/2007	10.5	n/a	ND	
GU-4BG	u	4-Aminobiphenyl	92-67-1	ug/L	5/29/2007	10.5	n/a	ND	
GU-4BG	u	Anthracene	120-12-7	ug/L	5/29/2007	10.5	n/a	ND	
GU-4BG	u	Benzo [a] anthracene	56-55-3	ug/L	5/29/2007	10.5	n/a	ND	
GU-4BG	u	Benzo [b] fluoranthene	205-99-2	ug/L	5/29/2007	10.5	n/a	ND	
GU-4BG	u	Benzo [k] fluoranthene	207-08-9	ug/L	5/29/2007	10.5	n/a	ND	
GU-4BG	u	Benzo [g,h,i] perylene	191-24-2	ug/L	5/29/2007	10.5	n/a	ND	
GU-4BG	u	Benzo [a] pyrene	50-32-8	ug/L	5/29/2007	10.5	n/a	ND	
GU-4BG	u	Benzyl alcohol	100-51-6	ug/L	5/29/2007	52.6	n/a	ND	
GU-4BG	u	Bis[2-chloroethoxy]methane	111-91-1	ug/L	5/29/2007	10.5	n/a	ND	
GU-4BG	u	Bis[2-chloroethyl]ether	111-44-4	ug/L	5/29/2007	10.5	n/a	ND	
GU-4BG	u	Bis[2-chloroisopropyl]ether	108-60-1	ug/L	5/29/2007	10.5	n/a	ND	

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Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
GU-4BG	u	Bis[2-ethylhexyl]phthalate	117-81-7	ug/L	5/29/2007	10.5	n/a	ND	
GU-4BG	u	4-Bromophenyl phenyl ether	101-55-3	ug/L	5/29/2007	10.5	n/a	ND	
GU-4BG	u	Butyl benzyl phthalate	85-68-7	ug/L	5/29/2007	10.5	n/a	ND	
GU-4BG	u	4-Chloroaniline	106-47-8	ug/L	5/29/2007	10.5	n/a	ND	
GU-4BG	u	Chlorobenzilate	510-15-6	ug/L	5/29/2007	52.6	n/a	ND	
GU-4BG	u	4-Chloro-3-methylphenol	59-50-7	ug/L	5/29/2007	10.5	n/a	ND	
GU-4BG	u	2-Chloronaphthalene	91-58-7	ug/L	5/29/2007	10.5	n/a	ND	
GU-4BG	u	2-Chlorophenol	95-57-8	ug/L	5/29/2007	10.5	n/a	ND	
GU-4BG	u	4-Chlorophenyl phenyl ether	7005-72-3	ug/L	5/29/2007	10.5	n/a	ND	
GU-4BG	u	Chrysene	218-01-9	ug/L	5/29/2007	10.5	n/a	ND	
GU-4BG	u	3/4-Methylphenol	T-34MP	ug/L	5/29/2007	10.5	n/a	ND	
GU-4BG	u	2-Methylphenol	95-48-7	ug/L	5/29/2007	10.5	n/a	ND	
GU-4BG	u	Diallate [cis or trans]	2303-16-4	ug/L	5/29/2007	52.6	n/a	ND	
GU-4BG	u	Dibenz [a,h] anthracene	53-70-3	ug/L	5/29/2007	10.5	n/a	ND	
GU-4BG	u	Dibenzofuran	132-64-9	ug/L	5/29/2007	10.5	n/a	ND	
GU-4BG	u	Di-n-butyl phthalate	84-74-2	ug/L	5/29/2007	10.5	n/a	ND	
GU-4BG	u	3,3-Dichlorobenzidine	91-94-1	ug/L	5/29/2007	10.5	n/a	ND	
GU-4BG	u	2,4-Dichlorophenol	120-83-2	ug/L	5/29/2007	10.5	n/a	ND	
GU-4BG	u	2,6-Dichlorophenol	87-65-0	ug/L	5/29/2007	21.1	n/a	ND	
GU-4BG	u	Diethyl phthalate	84-66-2	ug/L	5/29/2007	10.5	n/a	ND	
GU-4BG	u	Thionazin	297-97-2	ug/L	5/29/2007	10.5	n/a	ND	
GU-4BG	u	7,12-Dimethylbenz [a] anthracene	57-97-6	ug/L	5/29/2007	10.5	n/a	ND	
GU-4BG	u	Dimethoate	60-51-5	ug/L	5/29/2007	10.5	n/a	ND	
GU-4BG	u	Dimethylaminoazobenzene	60-11-7	ug/L	5/29/2007	10.5	n/a	ND	
GU-4BG	u	3,3-Dimethylbenzidine	119-93-7	ug/L	5/29/2007	52.6	n/a	ND	
GU-4BG	u	2,4-Dimethylphenol	105-67-9	ug/L	5/29/2007	10.5	n/a	ND	
GU-4BG	u	Dimethyl phthalate	131-11-3	ug/L	5/29/2007	10.5	n/a	ND	
GU-4BG	u	1,3-Dinitrobenzene	99-65-0	ug/L	5/29/2007	10.5	n/a	ND	
GU-4BG	u	4,6-Dinitro-2-methylphenol	534-52-1	ug/L	5/29/2007	26.3	n/a	ND	
GU-4BG	u	2,4-Dinitrophenol	51-28-5	ug/L	5/29/2007	26.3	n/a	ND	
GU-4BG	u	2,4-Dinitrotoluene	121-14-2	ug/L	5/29/2007	10.5	n/a	ND	
GU-4BG	u	2,6-Dinitrotoluene	606-20-2	ug/L	5/29/2007	10.5	n/a	ND	
GU-4BG	u	Di-n-octyl phthalate	117-84-0	ug/L	5/29/2007	10.5	n/a	ND	
GU-4BG	u	Diphenylamine	122-39-4	ug/L	5/29/2007	10.5	n/a	ND	
GU-4BG	u	Disulfoton	298-04-4	ug/L	5/29/2007	10.5	n/a	ND	
GU-4BG	u	Ethyl Methanesulfonate	62-50-0	ug/L	5/29/2007	10.5	n/a	ND	
GU-4BG	u	Famphur	52-85-7	ug/L	5/29/2007	10.5	n/a	ND	
GU-4BG	u	Fluoranthene	206-44-0	ug/L	5/29/2007	10.5	n/a	ND	
GU-4BG	u	Fluorene	86-73-7	ug/L	5/29/2007	10.5	n/a	ND	
GU-4BG	u	Hexachlorobenzene	118-74-1	ug/L	5/29/2007	10.5	n/a	ND	
GU-4BG	u	Hexachlorobutadiene	87-68-3	ug/L	5/29/2007	10.5	n/a	ND	
GU-4BG	u	Hexachlorocyclopentadiene	77-47-4	ug/L	5/29/2007	10.5	n/a	ND	
GU-4BG	u	Hexachloroethane	67-72-1	ug/L	5/29/2007	10.5	n/a	ND	
GU-4BG	u	Hexachloropropene	1888-71-7	ug/L	5/29/2007	10.5	n/a	ND	
GU-4BG	u	Isodrin	465-73-6	ug/L	5/29/2007	10.5	n/a	ND	
GU-4BG	u	Isophorone	78-59-1	ug/L	5/29/2007	10.5	n/a	ND	
GU-4BG	u	Isosafrole	120-58-1	ug/L	5/29/2007	52.6	n/a	ND	
GU-4BG	u	Kepone	143-50-0	ug/L	5/29/2007	10.5	n/a	ND	
GU-4BG	u	Methapyrilene	91-80-5	ug/L	5/29/2007	52.6	n/a	ND	
GU-4BG	u	3-Methylcholanthrene	56-49-5	ug/L	5/29/2007	10.5	n/a	ND	
GU-4BG	u	Methyl Methanesulfonate	66-27-3	ug/L	5/29/2007	10.5	n/a	ND	
GU-4BG	u	2-Methylnaphthalene	91-57-6	ug/L	5/29/2007	10.5	n/a	ND	
GU-4BG	u	Parathion-methyl	298-00-0	ug/L	5/29/2007	10.5	n/a	ND	
GU-4BG	u	1,4-Naphthoquinone	130-15-4	ug/L	5/29/2007	10.5	n/a	ND	
GU-4BG	u	1-Naphthylamine	134-32-7	ug/L	5/29/2007	10.5	n/a	ND	
GU-4BG	u	2-Naphthylamine	91-59-8	ug/L	5/29/2007	10.5	n/a	ND	
GU-4BG	u	2-Nitroaniline	88-74-4	ug/L	5/29/2007	26.3	n/a	ND	
GU-4BG	u	3-Nitroaniline	99-09-2	ug/L	5/29/2007	26.3	n/a	ND	
GU-4BG	u	4-Nitroaniline	100-01-6	ug/L	5/29/2007	26.3	n/a	ND	
GU-4BG	u	Nitrobenzene	98-95-3	ug/L	5/29/2007	10.5	n/a	ND	
GU-4BG	u	2-Nitrophenol	88-75-5	ug/L	5/29/2007	10.5	n/a	ND	
GU-4BG	u	4-Nitrophenol	100-02-7	ug/L	5/29/2007	26.3	n/a	ND	
GU-4BG	u	N-Nitrosodi-n-butylamine	924-16-3	ug/L	5/29/2007	10.5	n/a	ND	
GU-4BG	u	N-Nitrosodiethylamine	55-18-5	ug/L	5/29/2007	10.5	n/a	ND	
GU-4BG	u	N-Nitrosodimethylamine	62-75-9	ug/L	5/29/2007	10.5	n/a	ND	
GU-4BG	u	N-Nitrosodiphenylamine	86-30-6	ug/L	5/29/2007	10.5	n/a	ND	
GU-4BG	u	N-Nitrosodi-n-propylamine	621-64-7	ug/L	5/29/2007	10.5	n/a	ND	
GU-4BG	u	N-Nitrosomethylethylamine	10595-95-6	ug/L	5/29/2007	10.5	n/a	ND	
GU-4BG	u	N-Nitrosopiperidine	100-75-4	ug/L	5/29/2007	10.5	n/a	ND	
GU-4BG	u	N-Nitrosopyrrolidine	930-55-2	ug/L	5/29/2007	10.5	n/a	ND	
GU-4BG	u	5-Nitro-o-tolidine	99-55-8	ug/L	5/29/2007	10.5	n/a	ND	
GU-4BG	u	Parathion-ethyl	56-38-2	ug/L	5/29/2007	10.5	n/a	ND	
GU-4BG	u	Pentachlorobenzene	608-93-5	ug/L	5/29/2007	10.5	n/a	ND	
GU-4BG	u	Pentachloronitrobenzene	82-68-8	ug/L	5/29/2007	10.5	n/a	ND	
GU-4BG	u	Pentachlorophenol [2C]	87-86-5	ug/L	5/29/2007	26.3	n/a	ND	

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GU-4BG	u	Phenacetin	62-44-2	ug/L	5/29/2007	10.5	n/a	ND	
GU-4BG	u	Phenanthrene	85-01-8	ug/L	5/29/2007	10.5	n/a	ND	
GU-4BG	u	Phenol	108-95-2	ug/L	5/29/2007	10.5	n/a	ND	
GU-4BG	u	1,4-Phenylenediamine	106-50-3	ug/L	5/29/2007	52.6	n/a	ND	
GU-4BG	u	Phorate	298-02-2	ug/L	5/29/2007	10.5	n/a	ND	
GU-4BG	u	Pronamide	23950-58-5	ug/L	5/29/2007	10.5	n/a	ND	
GU-4BG	u	Pyrene	129-00-0	ug/L	5/29/2007	10.5	n/a	ND	
GU-4BG	u	Safrole	94-59-7	ug/L	5/29/2007	10.5	n/a	ND	
GU-4BG	u	1,2,4,5-Tetrachlorobenzene	95-94-3	ug/L	5/29/2007	10.5	n/a	ND	
GU-4BG	u	2,3,4,6-Tetrachlorophenol	58-90-2	ug/L	5/29/2007	10.5	n/a	ND	
GU-4BG	u	o-Toluidine	95-53-4	ug/L	5/29/2007	10.5	n/a	ND	
GU-4BG	u	2,4,5-Trichlorophenol	95-95-4	ug/L	5/29/2007	26.3	n/a	ND	
GU-4BG	u	2,4,6-Trichlorophenol	88-06-2	ug/L	5/29/2007	10.5	n/a	ND	
GU-4BG	u	O,O,O-Triethyl phosphorothioate	126-68-1	ug/L	5/29/2007	10.5	n/a	ND	
GU-4BG	u	1,3,5-Trinitrobenzene	99-35-4	ug/L	5/29/2007	10.5	n/a	ND	
GU-4BG	u	Pentachloroethane	76-01-7	ug/L	5/29/2007	10.5	n/a	ND	
GU-4BG	u	Dinoseb	88-85-7	ug/L	5/29/2007	0.105	n/a	ND	
GU-4BG	u	Acetonitrile	75-05-8	ug/L	5/29/2007	10	n/a	ND	
GU-4BG	u	Isobutanol	78-83-1	mg/L	5/29/2007	10	n/a	ND	
GU-4BG	u	PCB-1016	12674-11-2	ug/L	5/29/2007	0.8	n/a	ND	
GU-4BG	u	PCB-1221	11104-28-2	ug/L	5/29/2007	0.8	n/a	ND	
GU-4BG	u	PCB-1232	11141-16-5	ug/L	5/29/2007	0.8	n/a	ND	
GU-4BG	u	PCB-1242	53469-21-9	ug/L	5/29/2007	0.8	n/a	ND	
GU-4BG	u	PCB-1248	12672-29-6	ug/L	5/29/2007	0.8	n/a	ND	
GU-4BG	u	PCB-1254	11097-69-1	ug/L	5/29/2007	0.8	n/a	ND	
GU-4BG	u	PCB-1260	11096-82-5	ug/L	5/29/2007	0.8	n/a	ND	
GU-4BG	u	PCB-1268	11100-14-4	ug/L	5/29/2007	0.8	n/a	ND	
GU-4BG	u	Cyanide	57-12-5	mg/L	5/29/2007	0.01	n/a	ND	
GU-4BG	u	Sulfide	18496-25-8	mg/L	5/29/2007	1	n/a	ND	
GU-4BG	u	2,4-D [2C]	94-75-7	ug/L	5/29/2007	0.105	n/a	ND	
GU-4BG	u	2,4,5-TP [Silvex] [2C]	93-72-1	ug/L	5/29/2007	0.105	n/a	ND	
GU-4BG	u	2,4,5-T [2C]	93-76-5	ug/L	5/29/2007	0.105	n/a	ND	
GU-4BG	u	alpha-BHC	319-84-6	ug/L	5/29/2007	0.05	n/a	ND	
GU-4BG	u	beta-BHC	319-85-7	ug/L	5/29/2007	0.05	n/a	ND	
GU-4BG	u	Dieldrin	60-57-1	ug/L	5/29/2007	0.05	n/a	ND	
GU-4BG	u	4,4'-DDE	72-55-9	ug/L	5/29/2007	0.05	n/a	ND	
GU-4BG	u	delta-BHC	319-86-8	ug/L	5/29/2007	0.05	n/a	ND	
GU-4BG	u	Endrin	72-20-8	ug/L	5/29/2007	0.05	n/a	ND	
GU-4BG	u	gamma-BHC [Lindane]	58-89-9	ug/L	5/29/2007	0.05	n/a	ND	
GU-4BG	u	Endosulfan II	33213-65-9	ug/L	5/29/2007	0.05	n/a	ND	
GU-4BG	u	Heptachlor	76-44-8	ug/L	5/29/2007	0.05	n/a	ND	
GU-4BG	u	4,4'-DDD	72-54-8	ug/L	5/29/2007	0.05	n/a	ND	
GU-4BG	u	Aldrin	309-00-2	ug/L	5/29/2007	0.05	n/a	ND	
GU-4BG	u	Endosulfan sulfate	1031-07-8	ug/L	5/29/2007	0.05	n/a	ND	
GU-4BG	u	Heptachlor epoxide	1024-57-3	ug/L	5/29/2007	0.05	n/a	ND	
GU-4BG	u	4,4'-DDT	50-29-3	ug/L	5/29/2007	0.05	n/a	ND	
GU-4BG	u	Endosulfan I	959-98-8	ug/L	5/29/2007	0.05	n/a	ND	
GU-4BG	u	Methoxychlor	72-43-5	ug/L	5/29/2007	0.05	n/a	ND	
GU-4BG	u	Toxaphene	8001-35-2	ug/L	5/29/2007	5	n/a	ND	
GU-4BG	u	Endrin aldehyde	7421-93-4	ug/L	5/29/2007	0.05	n/a	ND	
GU-4BG	u	Chlordane	57-74-9	ug/L	5/29/2007	3	n/a	ND	
GU-3	d	Antimony	7440-36-0	mg/L	6/18/2007	0.006	n/a	ND	
GU-3	d	Arsenic	7440-38-2	mg/L	6/18/2007	0.001	n/a	ND	
GU-3	d	Barium	7440-39-3	mg/L	6/18/2007	n/a	n/a		0.159
GU-3	d	Beryllium	7440-41-7	mg/L	6/18/2007	0.001	n/a	ND	
GU-3	d	Cadmium	7440-43-9	mg/L	6/18/2007	0.0005	n/a	ND	
GU-3	d	Chromium	7440-47-3	mg/L	6/18/2007	0.02	n/a	ND	
GU-3	d	Cobalt	7440-48-4	mg/L	6/18/2007	0.02	n/a	ND	
GU-3	d	Copper	7440-50-8	mg/L	6/18/2007	0.02	n/a	ND	
GU-3	d	Lead	7439-92-1	mg/L	6/18/2007	0.004	n/a	ND	
GU-3	d	Nickel	7440-02-0	mg/L	6/18/2007	0.05	n/a	ND	
GU-3	d	Selenium	7782-49-2	mg/L	6/18/2007	0.005	n/a	ND	
GU-3	d	Silver	7440-22-4	mg/L	6/18/2007	0.02	n/a	ND	
GU-3	d	Thallium	7440-28-0	mg/L	6/18/2007	0.002	n/a	ND	
GU-3	d	Vanadium	7440-62-2	mg/L	6/18/2007	0.05	n/a	ND	
GU-3	d	Zinc	7440-66-6	mg/L	6/18/2007	0.02	n/a	ND	
GU-3	d	Mercury	7439-97-6	mg/L	6/18/2007	0.0002	n/a	ND	
GU-3	d	Tin	7440-31-5	mg/L	6/18/2007	0.1	n/a	ND	
GU-3	d	Acetone	67-64-1	ug/L	6/18/2007	10	n/a	ND	
GU-3	d	Acrylonitrile	107-13-1	ug/L	6/18/2007	10	n/a	ND	
GU-3	d	Benzene	71-43-2	ug/L	6/18/2007	0.5	n/a	ND	
GU-3	d	Bromochloromethane	74-97-5	ug/L	6/18/2007	5	n/a	ND	
GU-3	d	Bromodichloromethane	75-27-4	ug/L	6/18/2007	1	n/a	ND	
GU-3	d	Bromoform	75-25-2	ug/L	6/18/2007	5	n/a	ND	
GU-3	d	Carbon disulfide	75-15-0	ug/L	6/18/2007	1	n/a	ND	

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GU-3	d	Carbon Tetrachloride	56-23-5	ug/L	6/18/2007	2	n/a	ND	
GU-3	d	Chlorobenzene	108-90-7	ug/L	6/18/2007	1	n/a	ND	
GU-3	d	Chloroethane	75-00-3	ug/L	6/18/2007	4	n/a	ND	
GU-3	d	Chloroform	67-66-3	ug/L	6/18/2007	1	n/a	ND	
GU-3	d	Chlorodibromomethane	124-48-1	ug/L	6/18/2007	5	n/a	ND	
GU-3	d	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	6/18/2007	10	n/a	ND	
GU-3	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	6/18/2007	10	n/a	ND	
GU-3	d	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	6/18/2007	10	n/a	ND	
GU-3	d	1,1-Dichloroethane	75-34-3	ug/L	6/18/2007	1	n/a	ND	
GU-3	d	1,2-Dichloroethane	107-06-2	ug/L	6/18/2007	1	n/a	ND	
GU-3	d	1,1-Dichloroethene	75-35-4	ug/L	6/18/2007	2	n/a	ND	
GU-3	d	cis-1,2-Dichloroethene	156-59-2	ug/L	6/18/2007	1	n/a	ND	
GU-3	d	trans-1,2-Dichloroethene	156-60-5	ug/L	6/18/2007	1	n/a	ND	
GU-3	d	1,2-Dichloropropane	78-87-5	ug/L	6/18/2007	1	n/a	ND	
GU-3	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	6/18/2007	5	n/a	ND	
GU-3	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	6/18/2007	5	n/a	ND	
GU-3	d	1,2-Dichlorobenzene	95-50-1	ug/L	6/18/2007	5.75	n/a	ND	
GU-3	d	1,4-Dichlorobenzene	106-46-7	ug/L	6/18/2007	5.75	n/a	ND	
GU-3	d	Ethylbenzene	100-41-4	ug/L	6/18/2007	1	n/a	ND	
GU-3	d	2-Hexanone	591-78-6	ug/L	6/18/2007	10	n/a	ND	
GU-3	d	Bromomethane	74-83-9	ug/L	6/18/2007	4	n/a	ND	
GU-3	d	Chloromethane	74-87-3	ug/L	6/18/2007	3	n/a	ND	
GU-3	d	2-Butanone	78-93-3	ug/L	6/18/2007	10	n/a	ND	
GU-3	d	Iodomethane	74-88-4	ug/L	6/18/2007	10	n/a	ND	
GU-3	d	4-Methyl-2-pentanone	108-10-1	ug/L	6/18/2007	10	n/a	ND	
GU-3	d	Methylene Bromide	74-95-3	ug/L	6/18/2007	1	n/a	ND	
GU-3	d	Methylene Chloride	75-09-2	ug/L	6/18/2007	5	n/a	ND	
GU-3	d	Styrene	100-42-5	ug/L	6/18/2007	1	n/a	ND	
GU-3	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	6/18/2007	1	n/a	ND	
GU-3	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	6/18/2007	1	n/a	ND	
GU-3	d	Tetrachloroethene	127-18-4	ug/L	6/18/2007	1	n/a	ND	
GU-3	d	Toluene	108-88-3	ug/L	6/18/2007	1	n/a	ND	
GU-3	d	1,1,1-Trichloroethane	71-55-6	ug/L	6/18/2007	1	n/a	ND	
GU-3	d	1,1,2-Trichloroethane	79-00-5	ug/L	6/18/2007	1	n/a	ND	
GU-3	d	Trichloroethene	79-01-6	ug/L	6/18/2007	1	n/a	ND	
GU-3	d	Trichlorofluoromethane	75-69-4	ug/L	6/18/2007	4	n/a	ND	
GU-3	d	1,2,3-Trichloropropane	96-18-4	ug/L	6/18/2007	1	n/a	ND	
GU-3	d	Vinyl acetate	108-05-4	ug/L	6/18/2007	2	n/a	ND	
GU-3	d	Vinyl chloride	75-01-4	ug/L	6/18/2007	1	n/a	ND	
GU-3	d	Xylenes, total	1330-20-7	ug/L	6/18/2007	3	n/a	ND	
GU-3	d	Acrolein	107-02-8	ug/L	6/18/2007	10	n/a	ND	
GU-3	d	3-Chloropropene	107-05-1	ug/L	6/18/2007	2	n/a	ND	
GU-3	d	Chloroprene	126-99-8	ug/L	6/18/2007	1	n/a	ND	
GU-3	d	Dichlorodifluoromethane	75-71-8	ug/L	6/18/2007	3	n/a	ND	
GU-3	d	1,3-Dichloropropane	142-28-9	ug/L	6/18/2007	1	n/a	ND	
GU-3	d	2,2-Dichloropropane	594-20-7	ug/L	6/18/2007	4	n/a	ND	
GU-3	d	1,1-Dichloropropene	563-58-6	ug/L	6/18/2007	1	n/a	ND	
GU-3	d	1,3-Dichlorobenzene	541-73-1	ug/L	6/18/2007	5.75	n/a	ND	
GU-3	d	Ethyl Methacrylate	97-63-2	ug/L	6/18/2007	2	n/a	ND	
GU-3	d	Methacrylonitrile	126-98-7	ug/L	6/18/2007	1	n/a	ND	
GU-3	d	Methyl Methacrylate	80-62-6	ug/L	6/18/2007	2	n/a	ND	
GU-3	d	Naphthalene	91-20-3	ug/L	6/18/2007	7.75	n/a	ND	
GU-3	d	Propionitrile	107-12-0	ug/L	6/18/2007	10	n/a	ND	
GU-3	d	1,2,4-Trichlorobenzene	120-82-1	ug/L	6/18/2007	7.75	n/a	ND	
GU-3	d	Acenaphthene	83-32-9	ug/L	6/18/2007	10.5	n/a	ND	
GU-3	d	Acenaphthylene	208-96-8	ug/L	6/18/2007	10.5	n/a	ND	
GU-3	d	Acetophenone	98-86-2	ug/L	6/18/2007	10.5	n/a	ND	
GU-3	d	2-Acetylaminofluorene	53-96-3	ug/L	6/18/2007	10.5	n/a	ND	
GU-3	d	4-Aminobiphenyl	92-67-1	ug/L	6/18/2007	10.5	n/a	ND	
GU-3	d	Anthracene	120-12-7	ug/L	6/18/2007	10.5	n/a	ND	
GU-3	d	Benzo [a] anthracene	56-55-3	ug/L	6/18/2007	10.5	n/a	ND	
GU-3	d	Benzo [b] fluoranthene	205-99-2	ug/L	6/18/2007	10.5	n/a	ND	
GU-3	d	Benzo [k] fluoranthene	207-08-9	ug/L	6/18/2007	10.5	n/a	ND	
GU-3	d	Benzo [g,h,i] perylene	191-24-2	ug/L	6/18/2007	10.5	n/a	ND	
GU-3	d	Benzo [a] pyrene	50-32-8	ug/L	6/18/2007	10.5	n/a	ND	
GU-3	d	Benzyl alcohol	100-51-6	ug/L	6/18/2007	52.6	n/a	ND	
GU-3	d	Bis[2-chloroethoxy]methane	111-91-1	ug/L	6/18/2007	10.5	n/a	ND	
GU-3	d	Bis[2-chloroethyl]ether	111-44-4	ug/L	6/18/2007	10.5	n/a	ND	
GU-3	d	Bis[2-chloroisopropyl]ether	108-60-1	ug/L	6/18/2007	10.5	n/a	ND	
GU-3	d	Bis[2-ethylhexyl]phthalate	117-81-7	ug/L	6/18/2007	10.5	n/a	ND	
GU-3	d	4-Bromophenyl phenyl ether	101-55-3	ug/L	6/18/2007	10.5	n/a	ND	
GU-3	d	Butyl benzyl phthalate	85-68-7	ug/L	6/18/2007	10.5	n/a	ND	
GU-3	d	4-Chloroaniline	106-47-8	ug/L	6/18/2007	10.5	n/a	ND	
GU-3	d	Chlorobenzilate	510-15-6	ug/L	6/18/2007	52.6	n/a	ND	
GU-3	d	4-Chloro-3-methylphenol	59-50-7	ug/L	6/18/2007	10.5	n/a	ND	

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GU-3	d	2-Chloronaphthalene	91-58-7	ug/L	6/18/2007	10.5	n/a	ND	
GU-3	d	2-Chlorophenol	95-57-8	ug/L	6/18/2007	10.5	n/a	ND	
GU-3	d	4-Chlorophenyl phenyl ether	7005-72-3	ug/L	6/18/2007	10.5	n/a	ND	
GU-3	d	Chrysene	218-01-9	ug/L	6/18/2007	10.5	n/a	ND	
GU-3	d	3/4-Methylphenol	T-34MP	ug/L	6/18/2007	10.5	n/a	ND	
GU-3	d	2-Methylphenol	95-48-7	ug/L	6/18/2007	10.5	n/a	ND	
GU-3	d	Diallate [cis or trans]	2303-16-4	ug/L	6/18/2007	52.6	n/a	ND	
GU-3	d	Dibenz [a,h] anthracene	53-70-3	ug/L	6/18/2007	10.5	n/a	ND	
GU-3	d	Dibenzofuran	132-64-9	ug/L	6/18/2007	10.5	n/a	ND	
GU-3	d	Di-n-butyl phthalate	84-74-2	ug/L	6/18/2007	10.5	n/a	ND	
GU-3	d	3,3-Dichlorobenzidine	91-94-1	ug/L	6/18/2007	10.5	n/a	ND	
GU-3	d	2,4-Dichlorophenol	120-83-2	ug/L	6/18/2007	10.5	n/a	ND	
GU-3	d	2,6-Dichlorophenol	87-65-0	ug/L	6/18/2007	21.1	n/a	ND	
GU-3	d	Diethyl phthalate	84-66-2	ug/L	6/18/2007	10.5	n/a	ND	
GU-3	d	Thionazin	297-97-2	ug/L	6/18/2007	10.5	n/a	ND	
GU-3	d	7,12-Dimethylbenz [a] anthracene	57-97-6	ug/L	6/18/2007	10.5	n/a	ND	
GU-3	d	Dimethoate	60-51-5	ug/L	6/18/2007	10.5	n/a	ND	
GU-3	d	Dimethylaminoazobenzene	60-11-7	ug/L	6/18/2007	10.5	n/a	ND	
GU-3	d	3,3-Dimethylbenzidine	119-93-7	ug/L	6/18/2007	52.6	n/a	ND	
GU-3	d	2,4-Dimethylphenol	105-67-9	ug/L	6/18/2007	10.5	n/a	ND	
GU-3	d	Dimethyl phthalate	131-11-3	ug/L	6/18/2007	10.5	n/a	ND	
GU-3	d	1,3-Dinitrobenzene	99-65-0	ug/L	6/18/2007	10.5	n/a	ND	
GU-3	d	4,6-Dinitro-2-methylphenol	534-52-1	ug/L	6/18/2007	26.3	n/a	ND	
GU-3	d	2,4-Dinitrophenol	51-28-5	ug/L	6/18/2007	26.3	n/a	ND	
GU-3	d	2,4-Dinitrotoluene	121-14-2	ug/L	6/18/2007	10.5	n/a	ND	
GU-3	d	2,6-Dinitrotoluene	606-20-2	ug/L	6/18/2007	10.5	n/a	ND	
GU-3	d	Di-n-octyl phthalate	117-84-0	ug/L	6/18/2007	10.5	n/a	ND	
GU-3	d	Diphenylamine	122-39-4	ug/L	6/18/2007	10.5	n/a	ND	
GU-3	d	Disulfoton	298-04-4	ug/L	6/18/2007	10.5	n/a	ND	
GU-3	d	Ethyl Methanesulfonate	62-50-0	ug/L	6/18/2007	10.5	n/a	ND	
GU-3	d	Famphur	52-85-7	ug/L	6/18/2007	10.5	n/a	ND	
GU-3	d	Fluoranthene	206-44-0	ug/L	6/18/2007	10.5	n/a	ND	
GU-3	d	Fluorene	86-73-7	ug/L	6/18/2007	10.5	n/a	ND	
GU-3	d	Hexachlorobenzene	118-74-1	ug/L	6/18/2007	10.5	n/a	ND	
GU-3	d	Hexachlorobutadiene	87-68-3	ug/L	6/18/2007	10.5	n/a	ND	
GU-3	d	Hexachlorocyclopentadiene	77-47-4	ug/L	6/18/2007	10.5	n/a	ND	
GU-3	d	Hexachloroethane	67-72-1	ug/L	6/18/2007	10.5	n/a	ND	
GU-3	d	Hexachloropropene	1888-71-7	ug/L	6/18/2007	10.5	n/a	ND	
GU-3	d	Indeno [1,2,3-cd] pyrene	193-39-5	ug/L	6/18/2007	10.5	n/a	ND	
GU-3	d	Isodrin	465-73-6	ug/L	6/18/2007	10.5	n/a	ND	
GU-3	d	Isophorone	78-59-1	ug/L	6/18/2007	10.5	n/a	ND	
GU-3	d	Isosafrole	120-58-1	ug/L	6/18/2007	52.6	n/a	ND	
GU-3	d	Kepone	143-50-0	ug/L	6/18/2007	10.5	n/a	ND	
GU-3	d	Methapyrilene	91-80-5	ug/L	6/18/2007	52.6	n/a	ND	
GU-3	d	3-Methylcholanthrene	56-49-5	ug/L	6/18/2007	10.5	n/a	ND	
GU-3	d	Methyl Methanesulfonate	66-27-3	ug/L	6/18/2007	10.5	n/a	ND	
GU-3	d	2-Methylnaphthalene	91-57-6	ug/L	6/18/2007	10.5	n/a	ND	
GU-3	d	Parathion-methyl	298-00-0	ug/L	6/18/2007	10.5	n/a	ND	
GU-3	d	1,4-Naphthoquinone	130-15-4	ug/L	6/18/2007	10.5	n/a	ND	
GU-3	d	1-Naphthylamine	134-32-7	ug/L	6/18/2007	10.5	n/a	ND	
GU-3	d	2-Naphthylamine	91-59-8	ug/L	6/18/2007	10.5	n/a	ND	
GU-3	d	2-Nitroaniline	88-74-4	ug/L	6/18/2007	26.3	n/a	ND	
GU-3	d	3-Nitroaniline	99-09-2	ug/L	6/18/2007	26.3	n/a	ND	
GU-3	d	4-Nitroaniline	100-01-6	ug/L	6/18/2007	26.3	n/a	ND	
GU-3	d	Nitrobenzene	98-95-3	ug/L	6/18/2007	10.5	n/a	ND	
GU-3	d	2-Nitrophenol	88-75-5	ug/L	6/18/2007	10.5	n/a	ND	
GU-3	d	4-Nitrophenol	100-02-7	ug/L	6/18/2007	26.3	n/a	ND	
GU-3	d	N-Nitrosodi-n-butylamine	924-16-3	ug/L	6/18/2007	10.5	n/a	ND	
GU-3	d	N-Nitrosodiethylamine	55-18-5	ug/L	6/18/2007	10.5	n/a	ND	
GU-3	d	N-Nitrosodimethylamine	62-75-9	ug/L	6/18/2007	10.5	n/a	ND	
GU-3	d	N-Nitrosodiphenylamine	86-30-6	ug/L	6/18/2007	10.5	n/a	ND	
GU-3	d	N-Nitrosodi-n-propylamine	621-64-7	ug/L	6/18/2007	10.5	n/a	ND	
GU-3	d	N-Nitrosomethylethylamine	10595-95-6	ug/L	6/18/2007	10.5	n/a	ND	
GU-3	d	N-Nitrosopiperidine	100-75-4	ug/L	6/18/2007	10.5	n/a	ND	
GU-3	d	N-Nitrosopyrrolidine	930-55-2	ug/L	6/18/2007	10.5	n/a	ND	
GU-3	d	5-Nitro-o-toluidine	99-55-8	ug/L	6/18/2007	10.5	n/a	ND	
GU-3	d	Parathion-ethyl	56-38-2	ug/L	6/18/2007	10.5	n/a	ND	
GU-3	d	Pentachlorobenzene	608-93-5	ug/L	6/18/2007	10.5	n/a	ND	
GU-3	d	Pentachloronitrobenzene	82-68-8	ug/L	6/18/2007	10.5	n/a	ND	
GU-3	d	Pentachlorophenol [2C]	87-86-5	ug/L	6/18/2007	26.3	n/a	ND	
GU-3	d	Phenacetin	62-44-2	ug/L	6/18/2007	10.5	n/a	ND	
GU-3	d	Phenanthrene	85-01-8	ug/L	6/18/2007	10.5	n/a	ND	
GU-3	d	Phenol	108-95-2	ug/L	6/18/2007	10.5	n/a	ND	
GU-3	d	1,4-Phenylenediamine	106-50-3	ug/L	6/18/2007	52.6	n/a	ND	
GU-3	d	Phorate	298-02-2	ug/L	6/18/2007	10.5	n/a	ND	

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Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
GU-3	d	Pronamide	23950-58-5	ug/L	6/18/2007	10.5	n/a	ND	
GU-3	d	Pyrene	129-00-0	ug/L	6/18/2007	10.5	n/a	ND	
GU-3	d	Safrole	94-59-7	ug/L	6/18/2007	10.5	n/a	ND	
GU-3	d	1,2,4,5-Tetrachlorobenzene	95-94-3	ug/L	6/18/2007	10.5	n/a	ND	
GU-3	d	2,3,4,6-Tetrachlorophenol	58-90-2	ug/L	6/18/2007	10.5	n/a	ND	
GU-3	d	o-Toluidine	95-53-4	ug/L	6/18/2007	10.5	n/a	ND	
GU-3	d	2,4,5-Trichlorophenol	95-95-4	ug/L	6/18/2007	26.3	n/a	ND	
GU-3	d	2,4,6-Trichlorophenol	88-06-2	ug/L	6/18/2007	10.5	n/a	ND	
GU-3	d	O,O,O-Triethyl phosphorothioate	126-68-1	ug/L	6/18/2007	10.5	n/a	ND	
GU-3	d	1,3,5-Trinitrobenzene	99-35-4	ug/L	6/18/2007	10.5	n/a	ND	
GU-3	d	Pentachloroethane	76-01-7	ug/L	6/18/2007	10.5	n/a	ND	
GU-3	d	Dinoseb	88-85-7	ug/L	6/18/2007	0.1	n/a	ND	
GU-3	d	Acetonitrile	75-05-8	ug/L	6/18/2007	10	n/a	ND	
GU-3	d	Isobutanol	78-83-1	mg/L	6/18/2007	10	n/a	ND	
GU-3	d	PCB-1016	12674-11-2	ug/L	6/18/2007	0.8	n/a	ND	
GU-3	d	PCB-1221	11104-28-2	ug/L	6/18/2007	0.8	n/a	ND	
GU-3	d	PCB-1232	11141-16-5	ug/L	6/18/2007	0.8	n/a	ND	
GU-3	d	PCB-1242	53469-21-9	ug/L	6/18/2007	0.8	n/a	ND	
GU-3	d	PCB-1248	12672-29-6	ug/L	6/18/2007	0.8	n/a	ND	
GU-3	d	PCB-1254	11097-69-1	ug/L	6/18/2007	0.8	n/a	ND	
GU-3	d	PCB-1260	11096-82-5	ug/L	6/18/2007	0.8	n/a	ND	
GU-3	d	PCB-1268	11100-14-4	ug/L	6/18/2007	0.8	n/a	ND	
GU-3	d	Cyanide	57-12-5	mg/L	6/18/2007	0.01	n/a	ND	
GU-3	d	Sulfide	18496-25-8	mg/L	6/18/2007	2	n/a	ND	
GU-3	d	2,4-D [2C]	94-75-7	ug/L	6/18/2007	0.1	n/a	ND	
GU-3	d	2,4,5-TP [Silvex] [2C]	93-72-1	ug/L	6/18/2007	0.1	n/a	ND	
GU-3	d	2,4,5-T [2C]	93-76-5	ug/L	6/18/2007	0.1	n/a	ND	
GU-3	d	alpha-BHC	319-84-6	ug/L	6/18/2007	0.05	n/a	ND	
GU-3	d	beta-BHC	319-85-7	ug/L	6/18/2007	0.05	n/a	ND	
GU-3	d	Dieldrin	60-57-1	ug/L	6/18/2007	0.05	n/a	ND	
GU-3	d	4,4'-DDE	72-55-9	ug/L	6/18/2007	0.05	n/a	ND	
GU-3	d	delta-BHC	319-86-8	ug/L	6/18/2007	0.05	n/a	ND	
GU-3	d	Endrin	72-20-8	ug/L	6/18/2007	0.05	n/a	ND	
GU-3	d	gamma-BHC [Lindane]	58-89-9	ug/L	6/18/2007	0.05	n/a	ND	
GU-3	d	Endosulfan II	33213-65-9	ug/L	6/18/2007	0.05	n/a	ND	
GU-3	d	Heptachlor	76-44-8	ug/L	6/18/2007	0.05	n/a	ND	
GU-3	d	4,4'-DDD	72-54-8	ug/L	6/18/2007	0.05	n/a	ND	
GU-3	d	Aldrin	309-00-2	ug/L	6/18/2007	0.05	n/a	ND	
GU-3	d	Endosulfan sulfate	1031-07-8	ug/L	6/18/2007	0.05	n/a	ND	
GU-3	d	Heptachlor epoxide	1024-57-3	ug/L	6/18/2007	0.05	n/a	ND	
GU-3	d	4,4'-DDT	50-29-3	ug/L	6/18/2007	0.05	n/a	ND	
GU-3	d	Endosulfan I	959-98-8	ug/L	6/18/2007	0.05	n/a	ND	
GU-3	d	Methoxychlor	72-43-5	ug/L	6/18/2007	0.05	n/a	ND	
GU-3	d	Toxaphene	8001-35-2	ug/L	6/18/2007	5	n/a	ND	
GU-3	d	Endrin aldehyde	7421-93-4	ug/L	6/18/2007	0.05	n/a	ND	
GU-3	d	Chlordane	57-74-9	ug/L	6/18/2007	3	n/a	ND	
GU-3BG	u	Antimony	7440-36-0	mg/L	6/18/2007	0.006	n/a	ND	
GU-3BG	u	Arsenic	7440-38-2	mg/L	6/18/2007	0.001	n/a	ND	
GU-3BG	u	Barium	7440-39-3	mg/L	6/18/2007	n/a	n/a		0.159
GU-3BG	u	Beryllium	7440-41-7	mg/L	6/18/2007	0.001	n/a	ND	
GU-3BG	u	Cadmium	7440-43-9	mg/L	6/18/2007	0.0005	n/a	ND	
GU-3BG	u	Chromium	7440-47-3	mg/L	6/18/2007	0.02	n/a	ND	
GU-3BG	u	Cobalt	7440-48-4	mg/L	6/18/2007	0.02	n/a	ND	
GU-3BG	u	Copper	7440-50-8	mg/L	6/18/2007	0.02	n/a	ND	
GU-3BG	u	Lead	7439-92-1	mg/L	6/18/2007	0.004	n/a	ND	
GU-3BG	u	Nickel	7440-02-0	mg/L	6/18/2007	0.05	n/a	ND	
GU-3BG	u	Selenium	7782-49-2	mg/L	6/18/2007	0.005	n/a	ND	
GU-3BG	u	Silver	7440-22-4	mg/L	6/18/2007	0.02	n/a	ND	
GU-3BG	u	Thallium	7440-28-0	mg/L	6/18/2007	0.002	n/a	ND	
GU-3BG	u	Vanadium	7440-62-2	mg/L	6/18/2007	0.05	n/a	ND	
GU-3BG	u	Zinc	7440-66-6	mg/L	6/18/2007	0.02	n/a	ND	
GU-3BG	u	Mercury	7439-97-6	mg/L	6/18/2007	0.0002	n/a	ND	
GU-3BG	u	Tin	7440-31-5	mg/L	6/18/2007	0.1	n/a	ND	
GU-3BG	u	Acetone	67-64-1	ug/L	6/18/2007	10	n/a	ND	
GU-3BG	u	Acrylonitrile	107-13-1	ug/L	6/18/2007	10	n/a	ND	
GU-3BG	u	Benzene	71-43-2	ug/L	6/18/2007	0.5	n/a	ND	
GU-3BG	u	Bromochloromethane	74-97-5	ug/L	6/18/2007	5	n/a	ND	
GU-3BG	u	Bromodichloromethane	75-27-4	ug/L	6/18/2007	1	n/a	ND	
GU-3BG	u	Bromoform	75-25-2	ug/L	6/18/2007	5	n/a	ND	
GU-3BG	u	Carbon disulfide	75-15-0	ug/L	6/18/2007	1	n/a	ND	
GU-3BG	u	Carbon Tetrachloride	56-23-5	ug/L	6/18/2007	2	n/a	ND	
GU-3BG	u	Chlorobenzene	108-90-7	ug/L	6/18/2007	1	n/a	ND	
GU-3BG	u	Chloroethane	75-00-3	ug/L	6/18/2007	4	n/a	ND	
GU-3BG	u	Chloroform	67-66-3	ug/L	6/18/2007	1	n/a	ND	
GU-3BG	u	Chlorodibromomethane	124-48-1	ug/L	6/18/2007	5	n/a	ND	

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GU-3BG	u	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	6/18/2007	10	n/a	ND	
GU-3BG	u	1,2-Dibromoethane [EDB]	106-93-4	ug/L	6/18/2007	10	n/a	ND	
GU-3BG	u	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	6/18/2007	10	n/a	ND	
GU-3BG	u	1,1-Dichloroethane	75-34-3	ug/L	6/18/2007	1	n/a	ND	
GU-3BG	u	1,2-Dichloroethane	107-06-2	ug/L	6/18/2007	1	n/a	ND	
GU-3BG	u	1,1-Dichloroethene	75-35-4	ug/L	6/18/2007	2	n/a	ND	
GU-3BG	u	cis-1,2-Dichloroethene	156-59-2	ug/L	6/18/2007	1	n/a	ND	
GU-3BG	u	trans-1,2-Dichloroethene	156-60-5	ug/L	6/18/2007	1	n/a	ND	
GU-3BG	u	1,2-Dichloropropane	78-87-5	ug/L	6/18/2007	1	n/a	ND	
GU-3BG	u	cis-1,3-Dichloropropene	10061-01-5	ug/L	6/18/2007	5	n/a	ND	
GU-3BG	u	trans-1,3-Dichloropropene	10061-02-6	ug/L	6/18/2007	5	n/a	ND	
GU-3BG	u	1,2-Dichlorobenzene	95-50-1	ug/L	6/18/2007	5.75	n/a	ND	
GU-3BG	u	1,4-Dichlorobenzene	106-46-7	ug/L	6/18/2007	5.75	n/a	ND	
GU-3BG	u	Ethylbenzene	100-41-4	ug/L	6/18/2007	1	n/a	ND	
GU-3BG	u	2-Hexanone	591-78-6	ug/L	6/18/2007	10	n/a	ND	
GU-3BG	u	Bromomethane	74-83-9	ug/L	6/18/2007	4	n/a	ND	
GU-3BG	u	Chloromethane	74-87-3	ug/L	6/18/2007	3	n/a	ND	
GU-3BG	u	2-Butanone	78-93-3	ug/L	6/18/2007	10	n/a	ND	
GU-3BG	u	Iodomethane	74-88-4	ug/L	6/18/2007	10	n/a	ND	
GU-3BG	u	4-Methyl-2-pentanone	108-10-1	ug/L	6/18/2007	10	n/a	ND	
GU-3BG	u	Methylene Bromide	74-95-3	ug/L	6/18/2007	1	n/a	ND	
GU-3BG	u	Methylene Chloride	75-09-2	ug/L	6/18/2007	5	n/a	ND	
GU-3BG	u	Styrene	100-42-5	ug/L	6/18/2007	1	n/a	ND	
GU-3BG	u	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	6/18/2007	1	n/a	ND	
GU-3BG	u	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	6/18/2007	1	n/a	ND	
GU-3BG	u	Tetrachloroethene	127-18-4	ug/L	6/18/2007	1	n/a	ND	
GU-3BG	u	Toluene	108-88-3	ug/L	6/18/2007	1	n/a	ND	
GU-3BG	u	1,1,1-Trichloroethane	71-55-6	ug/L	6/18/2007	1	n/a	ND	
GU-3BG	u	1,1,2-Trichloroethane	79-00-5	ug/L	6/18/2007	1	n/a	ND	
GU-3BG	u	Trichloroethene	79-01-6	ug/L	6/18/2007	1	n/a	ND	
GU-3BG	u	Trichlorofluoromethane	75-69-4	ug/L	6/18/2007	4	n/a	ND	
GU-3BG	u	1,2,3-Trichloropropane	96-18-4	ug/L	6/18/2007	1	n/a	ND	
GU-3BG	u	Vinyl acetate	108-05-4	ug/L	6/18/2007	2	n/a	ND	
GU-3BG	u	Vinyl chloride	75-01-4	ug/L	6/18/2007	1	n/a	ND	
GU-3BG	u	Xylenes, total	1330-20-7	ug/L	6/18/2007	3	n/a	ND	
GU-3BG	u	Acrolein	107-02-8	ug/L	6/18/2007	10	n/a	ND	
GU-3BG	u	3-Chloropropene	107-05-1	ug/L	6/18/2007	2	n/a	ND	
GU-3BG	u	Chloroprene	126-99-8	ug/L	6/18/2007	1	n/a	ND	
GU-3BG	u	Dichlorodifluoromethane	75-71-8	ug/L	6/18/2007	3	n/a	ND	
GU-3BG	u	1,3-Dichloropropane	142-28-9	ug/L	6/18/2007	1	n/a	ND	
GU-3BG	u	2,2-Dichloropropane	594-20-7	ug/L	6/18/2007	4	n/a	ND	
GU-3BG	u	1,1-Dichloropropene	563-58-6	ug/L	6/18/2007	1	n/a	ND	
GU-3BG	u	1,3-Dichlorobenzene	541-73-1	ug/L	6/18/2007	5.75	n/a	ND	
GU-3BG	u	Ethyl Methacrylate	97-63-2	ug/L	6/18/2007	2	n/a	ND	
GU-3BG	u	Methacrylonitrile	126-98-7	ug/L	6/18/2007	1	n/a	ND	
GU-3BG	u	Methyl Methacrylate	80-62-6	ug/L	6/18/2007	2	n/a	ND	
GU-3BG	u	Naphthalene	91-20-3	ug/L	6/18/2007	7.75	n/a	ND	
GU-3BG	u	Propionitrile	107-12-0	ug/L	6/18/2007	10	n/a	ND	
GU-3BG	u	1,2,4-Trichlorobenzene	120-82-1	ug/L	6/18/2007	7.75	n/a	ND	
GU-3BG	u	Acenaphthene	83-32-9	ug/L	6/18/2007	10.5	n/a	ND	
GU-3BG	u	Acenaphthylene	208-96-8	ug/L	6/18/2007	10.5	n/a	ND	
GU-3BG	u	Acetophenone	98-86-2	ug/L	6/18/2007	10.5	n/a	ND	
GU-3BG	u	2-Acetylaminofluorene	53-96-3	ug/L	6/18/2007	10.5	n/a	ND	
GU-3BG	u	4-Aminobiphenyl	92-67-1	ug/L	6/18/2007	10.5	n/a	ND	
GU-3BG	u	Anthracene	120-12-7	ug/L	6/18/2007	10.5	n/a	ND	
GU-3BG	u	Benzo [a] anthracene	56-55-3	ug/L	6/18/2007	10.5	n/a	ND	
GU-3BG	u	Benzo [b] fluoranthene	205-99-2	ug/L	6/18/2007	10.5	n/a	ND	
GU-3BG	u	Benzo [k] fluoranthene	207-08-9	ug/L	6/18/2007	10.5	n/a	ND	
GU-3BG	u	Benzo [g,h,i] perylene	191-24-2	ug/L	6/18/2007	10.5	n/a	ND	
GU-3BG	u	Benzo [a] pyrene	50-32-8	ug/L	6/18/2007	10.5	n/a	ND	
GU-3BG	u	Benzyl alcohol	100-51-6	ug/L	6/18/2007	52.6	n/a	ND	
GU-3BG	u	Bis[2-chloroethoxy]methane	111-91-1	ug/L	6/18/2007	10.5	n/a	ND	
GU-3BG	u	Bis[2-chloroethyl]ether	111-44-4	ug/L	6/18/2007	10.5	n/a	ND	
GU-3BG	u	Bis[2-chloroisopropyl]ether	108-60-1	ug/L	6/18/2007	10.5	n/a	ND	
GU-3BG	u	Bis[2-ethylhexyl]phthalate	117-81-7	ug/L	6/18/2007	10.5	n/a	ND	
GU-3BG	u	4-Bromophenyl phenyl ether	101-55-3	ug/L	6/18/2007	10.5	n/a	ND	
GU-3BG	u	Butyl benzyl phthalate	85-68-7	ug/L	6/18/2007	10.5	n/a	ND	
GU-3BG	u	4-Chloroaniline	106-47-8	ug/L	6/18/2007	10.5	n/a	ND	
GU-3BG	u	Chlorobenzilate	510-15-6	ug/L	6/18/2007	52.6	n/a	ND	
GU-3BG	u	4-Chloro-3-methylphenol	59-50-7	ug/L	6/18/2007	10.5	n/a	ND	
GU-3BG	u	2-Chloronaphthalene	91-58-7	ug/L	6/18/2007	10.5	n/a	ND	
GU-3BG	u	2-Chlorophenol	95-57-8	ug/L	6/18/2007	10.5	n/a	ND	
GU-3BG	u	4-Chlorophenyl phenyl ether	7005-72-3	ug/L	6/18/2007	10.5	n/a	ND	
GU-3BG	u	Chrysene	218-01-9	ug/L	6/18/2007	10.5	n/a	ND	
GU-3BG	u	3/4-Methylphenol	T-34MP	ug/L	6/18/2007	10.5	n/a	ND	

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Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
GU-3BG	u	2-Methylphenol	95-48-7	ug/L	6/18/2007	10.5	n/a	ND	
GU-3BG	u	Diallate [cis or trans]	2303-16-4	ug/L	6/18/2007	52.6	n/a	ND	
GU-3BG	u	Dibenz [a,h] anthracene	53-70-3	ug/L	6/18/2007	10.5	n/a	ND	
GU-3BG	u	Dibenzofuran	132-64-9	ug/L	6/18/2007	10.5	n/a	ND	
GU-3BG	u	Di-n-butyl phthalate	84-74-2	ug/L	6/18/2007	10.5	n/a	ND	
GU-3BG	u	3,3-Dichlorobenzidine	91-94-1	ug/L	6/18/2007	10.5	n/a	ND	
GU-3BG	u	2,4-Dichlorophenol	120-83-2	ug/L	6/18/2007	10.5	n/a	ND	
GU-3BG	u	2,6-Dichlorophenol	87-65-0	ug/L	6/18/2007	21.1	n/a	ND	
GU-3BG	u	Diethyl phthalate	84-66-2	ug/L	6/18/2007	10.5	n/a	ND	
GU-3BG	u	Thionazin	297-97-2	ug/L	6/18/2007	10.5	n/a	ND	
GU-3BG	u	7,12-Dimethylbenz [a] anthracene	57-97-6	ug/L	6/18/2007	10.5	n/a	ND	
GU-3BG	u	Dimethoate	60-51-5	ug/L	6/18/2007	10.5	n/a	ND	
GU-3BG	u	Dimethylaminoazobenzene	60-11-7	ug/L	6/18/2007	10.5	n/a	ND	
GU-3BG	u	3,3-Dimethylbenzidine	119-93-7	ug/L	6/18/2007	52.6	n/a	ND	
GU-3BG	u	2,4-Dimethylphenol	105-67-9	ug/L	6/18/2007	10.5	n/a	ND	
GU-3BG	u	Dimethyl phthalate	131-11-3	ug/L	6/18/2007	10.5	n/a	ND	
GU-3BG	u	1,3-Dinitrobenzene	99-65-0	ug/L	6/18/2007	10.5	n/a	ND	
GU-3BG	u	4,6-Dinitro-2-methylphenol	534-52-1	ug/L	6/18/2007	26.3	n/a	ND	
GU-3BG	u	2,4-Dinitrophenol	51-28-5	ug/L	6/18/2007	26.3	n/a	ND	
GU-3BG	u	2,4-Dinitrotoluene	121-14-2	ug/L	6/18/2007	10.5	n/a	ND	
GU-3BG	u	2,6-Dinitrotoluene	606-20-2	ug/L	6/18/2007	10.5	n/a	ND	
GU-3BG	u	Di-n-octyl phthalate	117-84-0	ug/L	6/18/2007	10.5	n/a	ND	
GU-3BG	u	Diphenylamine	122-39-4	ug/L	6/18/2007	10.5	n/a	ND	
GU-3BG	u	Disulfoton	298-04-4	ug/L	6/18/2007	10.5	n/a	ND	
GU-3BG	u	Ethyl Methanesulfonate	62-50-0	ug/L	6/18/2007	10.5	n/a	ND	
GU-3BG	u	Famphur	52-85-7	ug/L	6/18/2007	10.5	n/a	ND	
GU-3BG	u	Fluoranthene	206-44-0	ug/L	6/18/2007	10.5	n/a	ND	
GU-3BG	u	Fluorene	86-73-7	ug/L	6/18/2007	10.5	n/a	ND	
GU-3BG	u	Hexachlorobenzene	118-74-1	ug/L	6/18/2007	10.5	n/a	ND	
GU-3BG	u	Hexachlorobutadiene	87-68-3	ug/L	6/18/2007	10.5	n/a	ND	
GU-3BG	u	Hexachlorocyclopentadiene	77-47-4	ug/L	6/18/2007	10.5	n/a	ND	
GU-3BG	u	Hexachloroethane	67-72-1	ug/L	6/18/2007	10.5	n/a	ND	
GU-3BG	u	Hexachloropropene	1888-71-7	ug/L	6/18/2007	10.5	n/a	ND	
GU-3BG	u	Indeno [1,2,3-cd] pyrene	193-39-5	ug/L	6/18/2007	10.5	n/a	ND	
GU-3BG	u	Isodrin	465-73-6	ug/L	6/18/2007	10.5	n/a	ND	
GU-3BG	u	Isophorone	78-59-1	ug/L	6/18/2007	10.5	n/a	ND	
GU-3BG	u	Isosafrole	120-58-1	ug/L	6/18/2007	52.6	n/a	ND	
GU-3BG	u	Kepon	143-50-0	ug/L	6/18/2007	10.5	n/a	ND	
GU-3BG	u	Methapyrilene	91-80-5	ug/L	6/18/2007	52.6	n/a	ND	
GU-3BG	u	3-Methylcholanthrene	56-49-5	ug/L	6/18/2007	10.5	n/a	ND	
GU-3BG	u	Methyl Methanesulfonate	66-27-3	ug/L	6/18/2007	10.5	n/a	ND	
GU-3BG	u	2-Methylnaphthalene	91-57-6	ug/L	6/18/2007	10.5	n/a	ND	
GU-3BG	u	Parathion-methyl	298-00-0	ug/L	6/18/2007	10.5	n/a	ND	
GU-3BG	u	1,4-Naphthoquinone	130-15-4	ug/L	6/18/2007	10.5	n/a	ND	
GU-3BG	u	1-Naphthylamine	134-32-7	ug/L	6/18/2007	10.5	n/a	ND	
GU-3BG	u	2-Naphthylamine	91-59-8	ug/L	6/18/2007	10.5	n/a	ND	
GU-3BG	u	2-Nitroaniline	88-74-4	ug/L	6/18/2007	26.3	n/a	ND	
GU-3BG	u	3-Nitroaniline	99-09-2	ug/L	6/18/2007	26.3	n/a	ND	
GU-3BG	u	4-Nitroaniline	100-01-6	ug/L	6/18/2007	26.3	n/a	ND	
GU-3BG	u	Nitrobenzene	98-95-3	ug/L	6/18/2007	10.5	n/a	ND	
GU-3BG	u	2-Nitrophenol	88-75-5	ug/L	6/18/2007	10.5	n/a	ND	
GU-3BG	u	4-Nitrophenol	100-02-7	ug/L	6/18/2007	26.3	n/a	ND	
GU-3BG	u	N-Nitrosodi-n-butylamine	924-16-3	ug/L	6/18/2007	10.5	n/a	ND	
GU-3BG	u	N-Nitrosodiethylamine	55-18-5	ug/L	6/18/2007	10.5	n/a	ND	
GU-3BG	u	N-Nitrosodimethylamine	62-75-9	ug/L	6/18/2007	10.5	n/a	ND	
GU-3BG	u	N-Nitrosodiphenylamine	86-30-6	ug/L	6/18/2007	10.5	n/a	ND	
GU-3BG	u	N-Nitrosodi-n-propylamine	621-64-7	ug/L	6/18/2007	10.5	n/a	ND	
GU-3BG	u	N-Nitrosomethylethylamine	10595-95-6	ug/L	6/18/2007	10.5	n/a	ND	
GU-3BG	u	N-Nitrosopiperidine	100-75-4	ug/L	6/18/2007	10.5	n/a	ND	
GU-3BG	u	N-Nitrosopyrrolidine	930-55-2	ug/L	6/18/2007	10.5	n/a	ND	
GU-3BG	u	5-Nitro-o-toluidine	99-55-8	ug/L	6/18/2007	10.5	n/a	ND	
GU-3BG	u	Parathion-ethyl	56-38-2	ug/L	6/18/2007	10.5	n/a	ND	
GU-3BG	u	Pentachlorobenzene	608-93-5	ug/L	6/18/2007	10.5	n/a	ND	
GU-3BG	u	Pentachloronitrobenzene	82-68-8	ug/L	6/18/2007	10.5	n/a	ND	
GU-3BG	u	Pentachlorophenol [2C]	87-86-5	ug/L	6/18/2007	26.3	n/a	ND	
GU-3BG	u	Phenacetin	62-44-2	ug/L	6/18/2007	10.5	n/a	ND	
GU-3BG	u	Phenanthrene	85-01-8	ug/L	6/18/2007	10.5	n/a	ND	
GU-3BG	u	Phenol	108-95-2	ug/L	6/18/2007	10.5	n/a	ND	
GU-3BG	u	1,4-Phenylenediamine	106-50-3	ug/L	6/18/2007	52.6	n/a	ND	
GU-3BG	u	Phorate	298-02-2	ug/L	6/18/2007	10.5	n/a	ND	
GU-3BG	u	Pronamide	23950-58-5	ug/L	6/18/2007	10.5	n/a	ND	
GU-3BG	u	Pyrene	129-00-0	ug/L	6/18/2007	10.5	n/a	ND	
GU-3BG	u	Safrole	94-59-7	ug/L	6/18/2007	10.5	n/a	ND	
GU-3BG	u	1,2,4,5-Tetrachlorobenzene	95-94-3	ug/L	6/18/2007	10.5	n/a	ND	
GU-3BG	u	2,3,4,6-Tetrachlorophenol	58-90-2	ug/L	6/18/2007	10.5	n/a	ND	

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GU-3BG	u	o-Toluidine	95-53-4	ug/L	6/18/2007	10.5	n/a	ND	
GU-3BG	u	2,4,5-Trichlorophenol	95-95-4	ug/L	6/18/2007	26.3	n/a	ND	
GU-3BG	u	2,4,6-Trichlorophenol	88-06-2	ug/L	6/18/2007	10.5	n/a	ND	
GU-3BG	u	O,O,O-Triethyl phosphorothioate	126-68-1	ug/L	6/18/2007	10.5	n/a	ND	
GU-3BG	u	1,3,5-Trinitrobenzene	99-35-4	ug/L	6/18/2007	10.5	n/a	ND	
GU-3BG	u	Pentachloroethane	76-01-7	ug/L	6/18/2007	10.5	n/a	ND	
GU-3BG	u	Dinoseb	88-85-7	ug/L	6/18/2007	0.1	n/a	ND	
GU-3BG	u	Acetonitrile	75-05-8	ug/L	6/18/2007	10	n/a	ND	
GU-3BG	u	Isobutanol	78-83-1	mg/L	6/18/2007	10	n/a	ND	
GU-3BG	u	PCB-1016	12674-11-2	ug/L	6/18/2007	0.8	n/a	ND	
GU-3BG	u	PCB-1221	11104-28-2	ug/L	6/18/2007	0.8	n/a	ND	
GU-3BG	u	PCB-1232	11141-16-5	ug/L	6/18/2007	0.8	n/a	ND	
GU-3BG	u	PCB-1242	53469-21-9	ug/L	6/18/2007	0.8	n/a	ND	
GU-3BG	u	PCB-1248	12672-29-6	ug/L	6/18/2007	0.8	n/a	ND	
GU-3BG	u	PCB-1254	11097-69-1	ug/L	6/18/2007	0.8	n/a	ND	
GU-3BG	u	PCB-1260	11096-82-5	ug/L	6/18/2007	0.8	n/a	ND	
GU-3BG	u	PCB-1268	11100-14-4	ug/L	6/18/2007	0.8	n/a	ND	
GU-3BG	u	Cyanide	57-12-5	mg/L	6/18/2007	0.01	n/a	ND	
GU-3BG	u	Sulfide	18496-25-8	mg/L	6/18/2007	2	n/a	ND	
GU-3BG	u	2,4-D [2C]	94-75-7	ug/L	6/18/2007	0.1	n/a	ND	
GU-3BG	u	2,4,5-TP [Silvex] [2C]	93-72-1	ug/L	6/18/2007	0.1	n/a	ND	
GU-3BG	u	2,4,5-T [2C]	93-76-5	ug/L	6/18/2007	0.1	n/a	ND	
GU-3BG	u	alpha-BHC	319-84-6	ug/L	6/18/2007	0.05	n/a	ND	
GU-3BG	u	beta-BHC	319-85-7	ug/L	6/18/2007	0.05	n/a	ND	
GU-3BG	u	Dieldrin	60-57-1	ug/L	6/18/2007	0.05	n/a	ND	
GU-3BG	u	4,4'-DDE	72-55-9	ug/L	6/18/2007	0.05	n/a	ND	
GU-3BG	u	delta-BHC	319-86-8	ug/L	6/18/2007	0.05	n/a	ND	
GU-3BG	u	Endrin	72-20-8	ug/L	6/18/2007	0.05	n/a	ND	
GU-3BG	u	gamma-BHC [Lindane]	58-89-9	ug/L	6/18/2007	0.05	n/a	ND	
GU-3BG	u	Endosulfan II	33213-65-9	ug/L	6/18/2007	0.05	n/a	ND	
GU-3BG	u	Heptachlor	76-44-8	ug/L	6/18/2007	0.05	n/a	ND	
GU-3BG	u	4,4'-DDD	72-54-8	ug/L	6/18/2007	0.05	n/a	ND	
GU-3BG	u	Aldrin	309-00-2	ug/L	6/18/2007	0.05	n/a	ND	
GU-3BG	u	Endosulfan sulfate	1031-07-8	ug/L	6/18/2007	0.05	n/a	ND	
GU-3BG	u	Heptachlor epoxide	1024-57-3	ug/L	6/18/2007	0.05	n/a	ND	
GU-3BG	u	4,4'-DDT	50-29-3	ug/L	6/18/2007	0.05	n/a	ND	
GU-3BG	u	Endosulfan I	959-98-8	ug/L	6/18/2007	0.05	n/a	ND	
GU-3BG	u	Methoxychlor	72-43-5	ug/L	6/18/2007	0.05	n/a	ND	
GU-3BG	u	Toxaphene	8001-35-2	ug/L	6/18/2007	5	n/a	ND	
GU-3BG	u	Endrin aldehyde	7421-93-4	ug/L	6/18/2007	0.05	n/a	ND	
GU-3BG	u	Chlordane	57-74-9	ug/L	6/18/2007	3	n/a	ND	
GU-4	d	Antimony	7440-36-0	mg/L	6/18/2007	0.006	n/a	ND	
GU-4	d	Arsenic	7440-38-2	mg/L	6/18/2007	0.001	n/a	ND	
GU-4	d	Barium	7440-39-3	mg/L	6/18/2007	n/a	n/a		0.0241
GU-4	d	Beryllium	7440-41-7	mg/L	6/18/2007	0.001	n/a	ND	
GU-4	d	Cadmium	7440-43-9	mg/L	6/18/2007	0.0005	n/a	ND	
GU-4	d	Chromium	7440-47-3	mg/L	6/18/2007	0.02	n/a	ND	
GU-4	d	Cobalt	7440-48-4	mg/L	6/18/2007	0.02	n/a	ND	
GU-4	d	Copper	7440-50-8	mg/L	6/18/2007	0.02	n/a	ND	
GU-4	d	Lead	7439-92-1	mg/L	6/18/2007	0.004	n/a	ND	
GU-4	d	Nickel	7440-02-0	mg/L	6/18/2007	0.05	n/a	ND	
GU-4	d	Selenium	7782-49-2	mg/L	6/18/2007	0.005	n/a	ND	
GU-4	d	Silver	7440-22-4	mg/L	6/18/2007	0.02	n/a	ND	
GU-4	d	Thallium	7440-28-0	mg/L	6/18/2007	0.002	n/a	ND	
GU-4	d	Vanadium	7440-62-2	mg/L	6/18/2007	0.05	n/a	ND	
GU-4	d	Zinc	7440-66-6	mg/L	6/18/2007	0.02	n/a	ND	
GU-4	d	Mercury	7439-97-6	mg/L	6/18/2007	0.0002	n/a	ND	
GU-4	d	Tin	7440-31-5	mg/L	6/18/2007	0.1	n/a	ND	
GU-4	d	Acetone	67-64-1	ug/L	6/18/2007	10	n/a	ND	
GU-4	d	Acrylonitrile	107-13-1	ug/L	6/18/2007	10	n/a	ND	
GU-4	d	Benzene	71-43-2	ug/L	6/18/2007	0.5	n/a	ND	
GU-4	d	Bromochloromethane	74-97-5	ug/L	6/18/2007	5	n/a	ND	
GU-4	d	Bromodichloromethane	75-27-4	ug/L	6/18/2007	1	n/a	ND	
GU-4	d	Bromoform	75-25-2	ug/L	6/18/2007	5	n/a	ND	
GU-4	d	Carbon disulfide	75-15-0	ug/L	6/18/2007	1	n/a	ND	
GU-4	d	Carbon Tetrachloride	56-23-5	ug/L	6/18/2007	2	n/a	ND	
GU-4	d	Chlorobenzene	108-90-7	ug/L	6/18/2007	1	n/a	ND	
GU-4	d	Chloroethane	75-00-3	ug/L	6/18/2007	4	n/a	ND	
GU-4	d	Chloroform	67-66-3	ug/L	6/18/2007	1	n/a	ND	
GU-4	d	Chlorodibromomethane	124-48-1	ug/L	6/18/2007	5	n/a	ND	
GU-4	d	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	6/18/2007	10	n/a	ND	
GU-4	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	6/18/2007	10	n/a	ND	
GU-4	d	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	6/18/2007	10	n/a	ND	
GU-4	d	1,1-Dichloroethane	75-34-3	ug/L	6/18/2007	1	n/a	ND	
GU-4	d	1,2-Dichloroethane	107-06-2	ug/L	6/18/2007	1	n/a	ND	

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GU-4	d	1,1-Dichloroethene	75-35-4	ug/L	6/18/2007	2	n/a	ND	
GU-4	d	cis-1,2-Dichloroethene	156-59-2	ug/L	6/18/2007	1	n/a	ND	
GU-4	d	trans-1,2-Dichloroethene	156-60-5	ug/L	6/18/2007	1	n/a	ND	
GU-4	d	1,2-Dichloropropane	78-87-5	ug/L	6/18/2007	1	n/a	ND	
GU-4	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	6/18/2007	5	n/a	ND	
GU-4	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	6/18/2007	5	n/a	ND	
GU-4	d	1,2-Dichlorobenzene	95-50-1	ug/L	6/18/2007	5.95	n/a	ND	
GU-4	d	1,4-Dichlorobenzene	106-46-7	ug/L	6/18/2007	5.95	n/a	ND	
GU-4	d	Ethylbenzene	100-41-4	ug/L	6/18/2007	1	n/a	ND	
GU-4	d	2-Hexanone	591-78-6	ug/L	6/18/2007	10	n/a	ND	
GU-4	d	Bromomethane	74-83-9	ug/L	6/18/2007	4	n/a	ND	
GU-4	d	Chloromethane	74-87-3	ug/L	6/18/2007	3	n/a	ND	
GU-4	d	2-Butanone	78-93-3	ug/L	6/18/2007	10	n/a	ND	
GU-4	d	Iodomethane	74-88-4	ug/L	6/18/2007	10	n/a	ND	
GU-4	d	4-Methyl-2-pentanone	108-10-1	ug/L	6/18/2007	10	n/a	ND	
GU-4	d	Methylene Bromide	74-95-3	ug/L	6/18/2007	1	n/a	ND	
GU-4	d	Methylene Chloride	75-09-2	ug/L	6/18/2007	5	n/a	ND	
GU-4	d	Styrene	100-42-5	ug/L	6/18/2007	1	n/a	ND	
GU-4	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	6/18/2007	1	n/a	ND	
GU-4	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	6/18/2007	1	n/a	ND	
GU-4	d	Tetrachloroethene	127-18-4	ug/L	6/18/2007	1	n/a	ND	
GU-4	d	Toluene	108-88-3	ug/L	6/18/2007	1	n/a	ND	
GU-4	d	1,1,1-Trichloroethane	71-55-6	ug/L	6/18/2007	1	n/a	ND	
GU-4	d	1,1,2-Trichloroethane	79-00-5	ug/L	6/18/2007	1	n/a	ND	
GU-4	d	Trichloroethene	79-01-6	ug/L	6/18/2007	1	n/a	ND	
GU-4	d	Trichlorofluoromethane	75-69-4	ug/L	6/18/2007	4	n/a	ND	
GU-4	d	1,2,3-Trichloropropane	96-18-4	ug/L	6/18/2007	1	n/a	ND	
GU-4	d	Vinyl acetate	108-05-4	ug/L	6/18/2007	2	n/a	ND	
GU-4	d	Vinyl chloride	75-01-4	ug/L	6/18/2007	1	n/a	ND	
GU-4	d	Xylenes, total	1330-20-7	ug/L	6/18/2007	3	n/a	ND	
GU-4	d	Acrolein	107-02-8	ug/L	6/18/2007	10	n/a	ND	
GU-4	d	3-Chloropropene	107-05-1	ug/L	6/18/2007	2	n/a	ND	
GU-4	d	Chloroprene	126-99-8	ug/L	6/18/2007	1	n/a	ND	
GU-4	d	Dichlorodifluoromethane	75-71-8	ug/L	6/18/2007	3	n/a	ND	
GU-4	d	1,3-Dichloropropane	142-28-9	ug/L	6/18/2007	1	n/a	ND	
GU-4	d	2,2-Dichloropropane	594-20-7	ug/L	6/18/2007	4	n/a	ND	
GU-4	d	1,1-Dichloropropene	563-58-6	ug/L	6/18/2007	1	n/a	ND	
GU-4	d	1,3-Dichlorobenzene	541-73-1	ug/L	6/18/2007	5.95	n/a	ND	
GU-4	d	Ethyl Methacrylate	97-63-2	ug/L	6/18/2007	2	n/a	ND	
GU-4	d	Methacrylonitrile	126-98-7	ug/L	6/18/2007	1	n/a	ND	
GU-4	d	Methyl Methacrylate	80-62-6	ug/L	6/18/2007	2	n/a	ND	
GU-4	d	Naphthalene	91-20-3	ug/L	6/18/2007	7.95	n/a	ND	
GU-4	d	Propionitrile	107-12-0	ug/L	6/18/2007	10	n/a	ND	
GU-4	d	1,2,4-Trichlorobenzene	120-82-1	ug/L	6/18/2007	7.95	n/a	ND	
GU-4	d	Acenaphthene	83-32-9	ug/L	6/18/2007	10.9	n/a	ND	
GU-4	d	Acenaphthylene	208-96-8	ug/L	6/18/2007	10.9	n/a	ND	
GU-4	d	Acetophenone	98-86-2	ug/L	6/18/2007	10.9	n/a	ND	
GU-4	d	2-Acetylaminofluorene	53-96-3	ug/L	6/18/2007	10.9	n/a	ND	
GU-4	d	4-Aminobiphenyl	92-67-1	ug/L	6/18/2007	10.9	n/a	ND	
GU-4	d	Anthracene	120-12-7	ug/L	6/18/2007	10.9	n/a	ND	
GU-4	d	Benzo [a] anthracene	56-55-3	ug/L	6/18/2007	10.9	n/a	ND	
GU-4	d	Benzo [b] fluoranthene	205-99-2	ug/L	6/18/2007	10.9	n/a	ND	
GU-4	d	Benzo [k] fluoranthene	207-08-9	ug/L	6/18/2007	10.9	n/a	ND	
GU-4	d	Benzo [g,h,i] perylene	191-24-2	ug/L	6/18/2007	10.9	n/a	ND	
GU-4	d	Benzo [a] pyrene	50-32-8	ug/L	6/18/2007	10.9	n/a	ND	
GU-4	d	Benzyl alcohol	100-51-6	ug/L	6/18/2007	54.3	n/a	ND	
GU-4	d	Bis[2-chloroethoxy]methane	111-91-1	ug/L	6/18/2007	10.9	n/a	ND	
GU-4	d	Bis[2-chloroethyl]ether	111-44-4	ug/L	6/18/2007	10.9	n/a	ND	
GU-4	d	Bis[2-chloroisopropyl]ether	108-60-1	ug/L	6/18/2007	10.9	n/a	ND	
GU-4	d	Bis[2-ethylhexyl]phthalate	117-81-7	ug/L	6/18/2007	10.9	n/a	ND	
GU-4	d	4-Bromophenyl phenyl ether	101-55-3	ug/L	6/18/2007	10.9	n/a	ND	
GU-4	d	Butyl benzyl phthalate	85-68-7	ug/L	6/18/2007	10.9	n/a	ND	
GU-4	d	4-Chloroaniline	106-47-8	ug/L	6/18/2007	10.9	n/a	ND	
GU-4	d	Chlorobenzilate	510-15-6	ug/L	6/18/2007	54.3	n/a	ND	
GU-4	d	4-Chloro-3-methylphenol	59-50-7	ug/L	6/18/2007	10.9	n/a	ND	
GU-4	d	2-Chloronaphthalene	91-58-7	ug/L	6/18/2007	10.9	n/a	ND	
GU-4	d	2-Chlorophenol	95-57-8	ug/L	6/18/2007	10.9	n/a	ND	
GU-4	d	4-Chlorophenyl phenyl ether	7005-72-3	ug/L	6/18/2007	10.9	n/a	ND	
GU-4	d	Chrysene	218-01-9	ug/L	6/18/2007	10.9	n/a	ND	
GU-4	d	3/4-Methylphenol	T-34MP	ug/L	6/18/2007	10.9	n/a	ND	
GU-4	d	2-Methylphenol	95-48-7	ug/L	6/18/2007	10.9	n/a	ND	
GU-4	d	Diallate [cis or trans]	2303-16-4	ug/L	6/18/2007	54.3	n/a	ND	
GU-4	d	Dibenz [a,h] anthracene	53-70-3	ug/L	6/18/2007	10.9	n/a	ND	
GU-4	d	Dibenzofuran	132-64-9	ug/L	6/18/2007	10.9	n/a	ND	
GU-4	d	Di-n-butyl phthalate	84-74-2	ug/L	6/18/2007	10.9	n/a	ND	

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Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
GU-4	d	3,3-Dichlorobenzidine	91-94-1	ug/L	6/18/2007	10.9	n/a	ND	
GU-4	d	2,4-Dichlorophenol	120-83-2	ug/L	6/18/2007	10.9	n/a	ND	
GU-4	d	2,6-Dichlorophenol	87-65-0	ug/L	6/18/2007	21.7	n/a	ND	
GU-4	d	Diethyl phthalate	84-66-2	ug/L	6/18/2007	10.9	n/a	ND	
GU-4	d	Thionazin	297-97-2	ug/L	6/18/2007	10.9	n/a	ND	
GU-4	d	7,12-Dimethylbenz [a] anthracene	57-97-6	ug/L	6/18/2007	10.9	n/a	ND	
GU-4	d	Dimethoate	60-51-5	ug/L	6/18/2007	10.9	n/a	ND	
GU-4	d	Dimethylaminoazobenzene	60-11-7	ug/L	6/18/2007	10.9	n/a	ND	
GU-4	d	3,3-Dimethylbenzidine	119-93-7	ug/L	6/18/2007	54.3	n/a	ND	
GU-4	d	2,4-Dimethylphenol	105-67-9	ug/L	6/18/2007	10.9	n/a	ND	
GU-4	d	Dimethyl phthalate	131-11-3	ug/L	6/18/2007	10.9	n/a	ND	
GU-4	d	1,3-Dinitrobenzene	99-65-0	ug/L	6/18/2007	10.9	n/a	ND	
GU-4	d	4,6-Dinitro-2-methylphenol	534-52-1	ug/L	6/18/2007	27.2	n/a	ND	
GU-4	d	2,4-Dinitrophenol	51-28-5	ug/L	6/18/2007	27.2	n/a	ND	
GU-4	d	2,4-Dinitrotoluene	121-14-2	ug/L	6/18/2007	10.9	n/a	ND	
GU-4	d	2,6-Dinitrotoluene	606-20-2	ug/L	6/18/2007	10.9	n/a	ND	
GU-4	d	Di-n-octyl phthalate	117-84-0	ug/L	6/18/2007	10.9	n/a	ND	
GU-4	d	Diphenylamine	122-39-4	ug/L	6/18/2007	10.9	n/a	ND	
GU-4	d	Disulfoton	298-04-4	ug/L	6/18/2007	10.9	n/a	ND	
GU-4	d	Ethyl Methanesulfonate	62-50-0	ug/L	6/18/2007	10.9	n/a	ND	
GU-4	d	Famphur	52-85-7	ug/L	6/18/2007	10.9	n/a	ND	
GU-4	d	Fluoranthene	206-44-0	ug/L	6/18/2007	10.9	n/a	ND	
GU-4	d	Fluorene	86-73-7	ug/L	6/18/2007	10.9	n/a	ND	
GU-4	d	Hexachlorobenzene	118-74-1	ug/L	6/18/2007	10.9	n/a	ND	
GU-4	d	Hexachlorobutadiene	87-68-3	ug/L	6/18/2007	10.9	n/a	ND	
GU-4	d	Hexachlorocyclopentadiene	77-47-4	ug/L	6/18/2007	10.9	n/a	ND	
GU-4	d	Hexachloroethane	67-72-1	ug/L	6/18/2007	10.9	n/a	ND	
GU-4	d	Hexachloropropene	1888-71-7	ug/L	6/18/2007	10.9	n/a	ND	
GU-4	d	Indeno [1,2,3-cd] pyrene	193-39-5	ug/L	6/18/2007	10.9	n/a	ND	
GU-4	d	Isodrin	465-73-6	ug/L	6/18/2007	10.9	n/a	ND	
GU-4	d	Isophorone	78-59-1	ug/L	6/18/2007	10.9	n/a	ND	
GU-4	d	Isosafrole	120-58-1	ug/L	6/18/2007	54.3	n/a	ND	
GU-4	d	Kepone	143-50-0	ug/L	6/18/2007	10.9	n/a	ND	
GU-4	d	Methapyrilene	91-80-5	ug/L	6/18/2007	54.3	n/a	ND	
GU-4	d	3-Methylcholanthrene	56-49-5	ug/L	6/18/2007	10.9	n/a	ND	
GU-4	d	Methyl Methanesulfonate	66-27-3	ug/L	6/18/2007	10.9	n/a	ND	
GU-4	d	2-Methylnaphthalene	91-57-6	ug/L	6/18/2007	10.9	n/a	ND	
GU-4	d	Parathion-methyl	298-00-0	ug/L	6/18/2007	10.9	n/a	ND	
GU-4	d	1,4-Naphthoquinone	130-15-4	ug/L	6/18/2007	10.9	n/a	ND	
GU-4	d	1-Naphthylamine	134-32-7	ug/L	6/18/2007	10.9	n/a	ND	
GU-4	d	2-Naphthylamine	91-59-8	ug/L	6/18/2007	10.9	n/a	ND	
GU-4	d	2-Nitroaniline	88-74-4	ug/L	6/18/2007	27.2	n/a	ND	
GU-4	d	3-Nitroaniline	99-09-2	ug/L	6/18/2007	27.2	n/a	ND	
GU-4	d	4-Nitroaniline	100-01-6	ug/L	6/18/2007	27.2	n/a	ND	
GU-4	d	Nitrobenzene	98-95-3	ug/L	6/18/2007	10.9	n/a	ND	
GU-4	d	2-Nitrophenol	88-75-5	ug/L	6/18/2007	10.9	n/a	ND	
GU-4	d	4-Nitrophenol	100-02-7	ug/L	6/18/2007	27.2	n/a	ND	
GU-4	d	N-Nitrosodi-n-butylamine	924-16-3	ug/L	6/18/2007	10.9	n/a	ND	
GU-4	d	N-Nitrosodiethylamine	55-18-5	ug/L	6/18/2007	10.9	n/a	ND	
GU-4	d	N-Nitrosodimethylamine	62-75-9	ug/L	6/18/2007	10.9	n/a	ND	
GU-4	d	N-Nitrosodiphenylamine	86-30-6	ug/L	6/18/2007	10.9	n/a	ND	
GU-4	d	N-Nitrosodi-n-propylamine	621-64-7	ug/L	6/18/2007	10.9	n/a	ND	
GU-4	d	N-Nitrosomethylethylamine	10595-95-6	ug/L	6/18/2007	10.9	n/a	ND	
GU-4	d	N-Nitrosopiperidine	100-75-4	ug/L	6/18/2007	10.9	n/a	ND	
GU-4	d	N-Nitrosopyrrolidine	930-55-2	ug/L	6/18/2007	10.9	n/a	ND	
GU-4	d	5-Nitro-o-toluidine	99-55-8	ug/L	6/18/2007	10.9	n/a	ND	
GU-4	d	Parathion-ethyl	56-38-2	ug/L	6/18/2007	10.9	n/a	ND	
GU-4	d	Pentachlorobenzene	608-93-5	ug/L	6/18/2007	10.9	n/a	ND	
GU-4	d	Pentachloronitrobenzene	82-68-8	ug/L	6/18/2007	10.9	n/a	ND	
GU-4	d	Pentachlorophenol [2C]	87-86-5	ug/L	6/18/2007	27.2	n/a	ND	
GU-4	d	Phenacetin	62-44-2	ug/L	6/18/2007	10.9	n/a	ND	
GU-4	d	Phenanthrene	85-01-8	ug/L	6/18/2007	10.9	n/a	ND	
GU-4	d	Phenol	108-95-2	ug/L	6/18/2007	10.9	n/a	ND	
GU-4	d	1,4-Phenylenediamine	106-50-3	ug/L	6/18/2007	54.3	n/a	ND	
GU-4	d	Phorate	298-02-2	ug/L	6/18/2007	10.9	n/a	ND	
GU-4	d	Pronamide	23950-58-5	ug/L	6/18/2007	10.9	n/a	ND	
GU-4	d	Pyrene	129-00-0	ug/L	6/18/2007	10.9	n/a	ND	
GU-4	d	Safrole	94-59-7	ug/L	6/18/2007	10.9	n/a	ND	
GU-4	d	1,2,4,5-Tetrachlorobenzene	95-94-3	ug/L	6/18/2007	10.9	n/a	ND	
GU-4	d	2,3,4,6-Tetrachlorophenol	58-90-2	ug/L	6/18/2007	10.9	n/a	ND	
GU-4	d	o-Toluidine	95-53-4	ug/L	6/18/2007	10.9	n/a	ND	
GU-4	d	2,4,5-Trichlorophenol	95-95-4	ug/L	6/18/2007	27.2	n/a	ND	
GU-4	d	2,4,6-Trichlorophenol	88-06-2	ug/L	6/18/2007	10.9	n/a	ND	
GU-4	d	O,O,O-Triethyl phosphorothioate	126-68-1	ug/L	6/18/2007	10.9	n/a	ND	
GU-4	d	1,3,5-Trinitrobenzene	99-35-4	ug/L	6/18/2007	10.9	n/a	ND	

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GU-4	d	Pentachloroethane	76-01-7	ug/L	6/18/2007	10.9	n/a	ND	
GU-4	d	Dinoseb	88-85-7	ug/L	6/18/2007	0.105	n/a	ND	
GU-4	d	Acetonitrile	75-05-8	ug/L	6/18/2007	10	n/a	ND	
GU-4	d	Isobutanol	78-83-1	mg/L	6/18/2007	10	n/a	ND	
GU-4	d	PCB-1016	12674-11-2	ug/L	6/18/2007	0.8	n/a	ND	
GU-4	d	PCB-1221	11104-28-2	ug/L	6/18/2007	0.8	n/a	ND	
GU-4	d	PCB-1232	11141-16-5	ug/L	6/18/2007	0.8	n/a	ND	
GU-4	d	PCB-1242	53469-21-9	ug/L	6/18/2007	0.8	n/a	ND	
GU-4	d	PCB-1248	12672-29-6	ug/L	6/18/2007	0.8	n/a	ND	
GU-4	d	PCB-1254	11097-69-1	ug/L	6/18/2007	0.8	n/a	ND	
GU-4	d	PCB-1260	11096-82-5	ug/L	6/18/2007	0.8	n/a	ND	
GU-4	d	PCB-1268	11100-14-4	ug/L	6/18/2007	0.8	n/a	ND	
GU-4	d	Cyanide	57-12-5	mg/L	6/18/2007	0.01	n/a	ND	
GU-4	d	Sulfide	18496-25-8	mg/L	6/18/2007	2	n/a	ND	
GU-4	d	2,4-D [2C]	94-75-7	ug/L	6/18/2007	0.105	n/a	ND	
GU-4	d	2,4,5-TP [Silvex] [2C]	93-72-1	ug/L	6/18/2007	0.105	n/a	ND	
GU-4	d	2,4,5-T [2C]	93-76-5	ug/L	6/18/2007	0.105	n/a	ND	
GU-4	d	alpha-BHC	319-84-6	ug/L	6/18/2007	0.05	n/a	ND	
GU-4	d	beta-BHC	319-85-7	ug/L	6/18/2007	0.05	n/a	ND	
GU-4	d	Dieldrin	60-57-1	ug/L	6/18/2007	0.05	n/a	ND	
GU-4	d	4,4'-DDE	72-55-9	ug/L	6/18/2007	0.05	n/a	ND	
GU-4	d	delta-BHC	319-86-8	ug/L	6/18/2007	0.05	n/a	ND	
GU-4	d	Endrin	72-20-8	ug/L	6/18/2007	0.05	n/a	ND	
GU-4	d	gamma-BHC [Lindane]	58-89-9	ug/L	6/18/2007	0.05	n/a	ND	
GU-4	d	Endosulfan II	33213-65-9	ug/L	6/18/2007	0.05	n/a	ND	
GU-4	d	Heptachlor	76-44-8	ug/L	6/18/2007	0.05	n/a	ND	
GU-4	d	4,4'-DDD	72-54-8	ug/L	6/18/2007	0.05	n/a	ND	
GU-4	d	Aldrin	309-00-2	ug/L	6/18/2007	0.05	n/a	ND	
GU-4	d	Endosulfan sulfate	1031-07-8	ug/L	6/18/2007	0.05	n/a	ND	
GU-4	d	Heptachlor epoxide	1024-57-3	ug/L	6/18/2007	0.05	n/a	ND	
GU-4	d	4,4'-DDT	50-29-3	ug/L	6/18/2007	0.05	n/a	ND	
GU-4	d	Endosulfan I	959-98-8	ug/L	6/18/2007	0.05	n/a	ND	
GU-4	d	Methoxychlor	72-43-5	ug/L	6/18/2007	0.05	n/a	ND	
GU-4	d	Toxaphene	8001-35-2	ug/L	6/18/2007	5	n/a	ND	
GU-4	d	Endrin aldehyde	7421-93-4	ug/L	6/18/2007	0.05	n/a	ND	
GU-4	d	Chlordane	57-74-9	ug/L	6/18/2007	3	n/a	ND	
GU-4BG	u	Antimony	7440-36-0	mg/L	6/18/2007	0.006	n/a	ND	
GU-4BG	u	Arsenic	7440-38-2	mg/L	6/18/2007	0.001	n/a	ND	
GU-4BG	u	Barium	7440-39-3	mg/L	6/18/2007	n/a	n/a		0.0241
GU-4BG	u	Beryllium	7440-41-7	mg/L	6/18/2007	0.001	n/a	ND	
GU-4BG	u	Cadmium	7440-43-9	mg/L	6/18/2007	0.0005	n/a	ND	
GU-4BG	u	Chromium	7440-47-3	mg/L	6/18/2007	0.02	n/a	ND	
GU-4BG	u	Cobalt	7440-48-4	mg/L	6/18/2007	0.02	n/a	ND	
GU-4BG	u	Copper	7440-50-8	mg/L	6/18/2007	0.02	n/a	ND	
GU-4BG	u	Lead	7439-92-1	mg/L	6/18/2007	0.004	n/a	ND	
GU-4BG	u	Nickel	7440-02-0	mg/L	6/18/2007	0.05	n/a	ND	
GU-4BG	u	Selenium	7782-49-2	mg/L	6/18/2007	0.005	n/a	ND	
GU-4BG	u	Silver	7440-22-4	mg/L	6/18/2007	0.02	n/a	ND	
GU-4BG	u	Thallium	7440-28-0	mg/L	6/18/2007	0.002	n/a	ND	
GU-4BG	u	Vanadium	7440-62-2	mg/L	6/18/2007	0.05	n/a	ND	
GU-4BG	u	Zinc	7440-66-6	mg/L	6/18/2007	0.02	n/a	ND	
GU-4BG	u	Mercury	7439-97-6	mg/L	6/18/2007	0.0002	n/a	ND	
GU-4BG	u	Tin	7440-31-5	mg/L	6/18/2007	0.1	n/a	ND	
GU-4BG	u	Acetone	67-64-1	ug/L	6/18/2007	10	n/a	ND	
GU-4BG	u	Acrylonitrile	107-13-1	ug/L	6/18/2007	10	n/a	ND	
GU-4BG	u	Benzene	71-43-2	ug/L	6/18/2007	0.5	n/a	ND	
GU-4BG	u	Bromochloromethane	74-97-5	ug/L	6/18/2007	5	n/a	ND	
GU-4BG	u	Bromodichloromethane	75-27-4	ug/L	6/18/2007	1	n/a	ND	
GU-4BG	u	Bromoform	75-25-2	ug/L	6/18/2007	5	n/a	ND	
GU-4BG	u	Carbon disulfide	75-15-0	ug/L	6/18/2007	1	n/a	ND	
GU-4BG	u	Carbon Tetrachloride	56-23-5	ug/L	6/18/2007	2	n/a	ND	
GU-4BG	u	Chlorobenzene	108-90-7	ug/L	6/18/2007	1	n/a	ND	
GU-4BG	u	Chloroethane	75-00-3	ug/L	6/18/2007	4	n/a	ND	
GU-4BG	u	Chloroform	67-66-3	ug/L	6/18/2007	1	n/a	ND	
GU-4BG	u	Chlorodibromomethane	124-48-1	ug/L	6/18/2007	5	n/a	ND	
GU-4BG	u	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	6/18/2007	10	n/a	ND	
GU-4BG	u	1,2-Dibromoethane [EDB]	106-93-4	ug/L	6/18/2007	10	n/a	ND	
GU-4BG	u	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	6/18/2007	10	n/a	ND	
GU-4BG	u	1,1-Dichloroethane	75-34-3	ug/L	6/18/2007	1	n/a	ND	
GU-4BG	u	1,2-Dichloroethane	107-06-2	ug/L	6/18/2007	1	n/a	ND	
GU-4BG	u	1,1-Dichloroethene	75-35-4	ug/L	6/18/2007	2	n/a	ND	
GU-4BG	u	cis-1,2-Dichloroethene	156-59-2	ug/L	6/18/2007	1	n/a	ND	
GU-4BG	u	trans-1,2-Dichloroethene	156-60-5	ug/L	6/18/2007	1	n/a	ND	
GU-4BG	u	1,2-Dichloropropane	78-87-5	ug/L	6/18/2007	1	n/a	ND	
GU-4BG	u	cis-1,3-Dichloropropene	10061-01-5	ug/L	6/18/2007	5	n/a	ND	

Table 9A
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Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
GU-4BG	u	trans-1,3-Dichloropropene	10061-02-6	ug/L	6/18/2007	5	n/a	ND	
GU-4BG	u	1,2-Dichlorobenzene	95-50-1	ug/L	6/18/2007	5.95	n/a	ND	
GU-4BG	u	1,4-Dichlorobenzene	106-46-7	ug/L	6/18/2007	5.95	n/a	ND	
GU-4BG	u	Ethylbenzene	100-41-4	ug/L	6/18/2007	1	n/a	ND	
GU-4BG	u	2-Hexanone	591-78-6	ug/L	6/18/2007	10	n/a	ND	
GU-4BG	u	Bromomethane	74-83-9	ug/L	6/18/2007	4	n/a	ND	
GU-4BG	u	Chloromethane	74-87-3	ug/L	6/18/2007	3	n/a	ND	
GU-4BG	u	2-Butanone	78-93-3	ug/L	6/18/2007	10	n/a	ND	
GU-4BG	u	Iodomethane	74-88-4	ug/L	6/18/2007	10	n/a	ND	
GU-4BG	u	4-Methyl-2-pentanone	108-10-1	ug/L	6/18/2007	10	n/a	ND	
GU-4BG	u	Methylene Bromide	74-95-3	ug/L	6/18/2007	1	n/a	ND	
GU-4BG	u	Methylene Chloride	75-09-2	ug/L	6/18/2007	5	n/a	ND	
GU-4BG	u	Styrene	100-42-5	ug/L	6/18/2007	1	n/a	ND	
GU-4BG	u	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	6/18/2007	1	n/a	ND	
GU-4BG	u	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	6/18/2007	1	n/a	ND	
GU-4BG	u	Tetrachloroethene	127-18-4	ug/L	6/18/2007	1	n/a	ND	
GU-4BG	u	Toluene	108-88-3	ug/L	6/18/2007	1	n/a	ND	
GU-4BG	u	1,1,1-Trichloroethane	71-55-6	ug/L	6/18/2007	1	n/a	ND	
GU-4BG	u	1,1,2-Trichloroethane	79-00-5	ug/L	6/18/2007	1	n/a	ND	
GU-4BG	u	Trichloroethane	79-01-6	ug/L	6/18/2007	1	n/a	ND	
GU-4BG	u	Trichlorofluoromethane	75-69-4	ug/L	6/18/2007	4	n/a	ND	
GU-4BG	u	1,2,3-Trichloropropane	96-18-4	ug/L	6/18/2007	1	n/a	ND	
GU-4BG	u	Vinyl acetate	108-05-4	ug/L	6/18/2007	2	n/a	ND	
GU-4BG	u	Vinyl chloride	75-01-4	ug/L	6/18/2007	1	n/a	ND	
GU-4BG	u	Xylenes, total	1330-20-7	ug/L	6/18/2007	3	n/a	ND	
GU-4BG	u	Acrolein	107-02-8	ug/L	6/18/2007	10	n/a	ND	
GU-4BG	u	3-Chloropropene	107-05-1	ug/L	6/18/2007	2	n/a	ND	
GU-4BG	u	Chloroprene	126-99-8	ug/L	6/18/2007	1	n/a	ND	
GU-4BG	u	Dichlorodifluoromethane	75-71-8	ug/L	6/18/2007	3	n/a	ND	
GU-4BG	u	1,3-Dichloropropane	142-28-9	ug/L	6/18/2007	1	n/a	ND	
GU-4BG	u	2,2-Dichloropropane	594-20-7	ug/L	6/18/2007	4	n/a	ND	
GU-4BG	u	1,1-Dichloropropene	563-58-6	ug/L	6/18/2007	1	n/a	ND	
GU-4BG	u	1,3-Dichlorobenzene	541-73-1	ug/L	6/18/2007	5.95	n/a	ND	
GU-4BG	u	Ethyl Methacrylate	97-63-2	ug/L	6/18/2007	2	n/a	ND	
GU-4BG	u	Methacrylonitrile	126-98-7	ug/L	6/18/2007	1	n/a	ND	
GU-4BG	u	Methyl Methacrylate	80-62-6	ug/L	6/18/2007	2	n/a	ND	
GU-4BG	u	Naphthalene	91-20-3	ug/L	6/18/2007	7.95	n/a	ND	
GU-4BG	u	Propionitrile	107-12-0	ug/L	6/18/2007	10	n/a	ND	
GU-4BG	u	1,2,4-Trichlorobenzene	120-82-1	ug/L	6/18/2007	7.95	n/a	ND	
GU-4BG	u	Acenaphthene	83-32-9	ug/L	6/18/2007	10.9	n/a	ND	
GU-4BG	u	Acenaphthylene	208-96-8	ug/L	6/18/2007	10.9	n/a	ND	
GU-4BG	u	Acetophenone	98-86-2	ug/L	6/18/2007	10.9	n/a	ND	
GU-4BG	u	2-Acetylaminofluorene	53-96-3	ug/L	6/18/2007	10.9	n/a	ND	
GU-4BG	u	4-Aminobiphenyl	92-67-1	ug/L	6/18/2007	10.9	n/a	ND	
GU-4BG	u	Anthracene	120-12-7	ug/L	6/18/2007	10.9	n/a	ND	
GU-4BG	u	Benzo [a] anthracene	56-55-3	ug/L	6/18/2007	10.9	n/a	ND	
GU-4BG	u	Benzo [b] fluoranthene	205-99-2	ug/L	6/18/2007	10.9	n/a	ND	
GU-4BG	u	Benzo [k] fluoranthene	207-08-9	ug/L	6/18/2007	10.9	n/a	ND	
GU-4BG	u	Benzo [g,h,i] perylene	191-24-2	ug/L	6/18/2007	10.9	n/a	ND	
GU-4BG	u	Benzo [a] pyrene	50-32-8	ug/L	6/18/2007	10.9	n/a	ND	
GU-4BG	u	Benzyl alcohol	100-51-6	ug/L	6/18/2007	54.3	n/a	ND	
GU-4BG	u	Bis[2-chloroethoxy]methane	111-91-1	ug/L	6/18/2007	10.9	n/a	ND	
GU-4BG	u	Bis[2-chloroethyl]ether	111-44-4	ug/L	6/18/2007	10.9	n/a	ND	
GU-4BG	u	Bis[2-chloroisopropyl]ether	108-60-1	ug/L	6/18/2007	10.9	n/a	ND	
GU-4BG	u	Bis[2-ethylhexyl]phthalate	117-81-7	ug/L	6/18/2007	10.9	n/a	ND	
GU-4BG	u	4-Bromophenyl phenyl ether	101-55-3	ug/L	6/18/2007	10.9	n/a	ND	
GU-4BG	u	Butyl benzyl phthalate	85-68-7	ug/L	6/18/2007	10.9	n/a	ND	
GU-4BG	u	4-Chloroaniline	106-47-8	ug/L	6/18/2007	10.9	n/a	ND	
GU-4BG	u	Chlorobenzilate	510-15-6	ug/L	6/18/2007	54.3	n/a	ND	
GU-4BG	u	4-Chloro-3-methylphenol	59-50-7	ug/L	6/18/2007	10.9	n/a	ND	
GU-4BG	u	2-Chloronaphthalene	91-58-7	ug/L	6/18/2007	10.9	n/a	ND	
GU-4BG	u	2-Chlorophenol	95-57-8	ug/L	6/18/2007	10.9	n/a	ND	
GU-4BG	u	4-Chlorophenyl phenyl ether	7005-72-3	ug/L	6/18/2007	10.9	n/a	ND	
GU-4BG	u	Chrysene	218-01-9	ug/L	6/18/2007	10.9	n/a	ND	
GU-4BG	u	3/4-Methylphenol	T-34MP	ug/L	6/18/2007	10.9	n/a	ND	
GU-4BG	u	2-Methylphenol	95-48-7	ug/L	6/18/2007	10.9	n/a	ND	
GU-4BG	u	Diallate [cis or trans]	2303-16-4	ug/L	6/18/2007	54.3	n/a	ND	
GU-4BG	u	Dibenz [a,h] anthracene	53-70-3	ug/L	6/18/2007	10.9	n/a	ND	
GU-4BG	u	Dibenzofuran	132-64-9	ug/L	6/18/2007	10.9	n/a	ND	
GU-4BG	u	Di-n-butyl phthalate	84-74-2	ug/L	6/18/2007	10.9	n/a	ND	
GU-4BG	u	3,3-Dichlorobenzidine	91-94-1	ug/L	6/18/2007	10.9	n/a	ND	
GU-4BG	u	2,4-Dichlorophenol	120-83-2	ug/L	6/18/2007	10.9	n/a	ND	
GU-4BG	u	2,6-Dichlorophenol	87-65-0	ug/L	6/18/2007	21.7	n/a	ND	
GU-4BG	u	Diethyl phthalate	84-66-2	ug/L	6/18/2007	10.9	n/a	ND	
GU-4BG	u	Thionazin	297-97-2	ug/L	6/18/2007	10.9	n/a	ND	

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Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
GU-4BG	u	7,12-Dimethylbenz [a] anthracene	57-97-6	ug/L	6/18/2007	10.9	n/a	ND	
GU-4BG	u	Dimethoate	60-51-5	ug/L	6/18/2007	10.9	n/a	ND	
GU-4BG	u	Dimethylaminoazobenzene	60-11-7	ug/L	6/18/2007	10.9	n/a	ND	
GU-4BG	u	3,3-Dimethylbenzidine	119-93-7	ug/L	6/18/2007	54.3	n/a	ND	
GU-4BG	u	2,4-Dimethylphenol	105-67-9	ug/L	6/18/2007	10.9	n/a	ND	
GU-4BG	u	Dimethyl phthalate	131-11-3	ug/L	6/18/2007	10.9	n/a	ND	
GU-4BG	u	1,3-Dinitrobenzene	99-65-0	ug/L	6/18/2007	10.9	n/a	ND	
GU-4BG	u	4,6-Dinitro-2-methylphenol	534-52-1	ug/L	6/18/2007	27.2	n/a	ND	
GU-4BG	u	2,4-Dinitrophenol	51-28-5	ug/L	6/18/2007	27.2	n/a	ND	
GU-4BG	u	2,4-Dinitrotoluene	121-14-2	ug/L	6/18/2007	10.9	n/a	ND	
GU-4BG	u	2,6-Dinitrotoluene	606-20-2	ug/L	6/18/2007	10.9	n/a	ND	
GU-4BG	u	Di-n-octyl phthalate	117-84-0	ug/L	6/18/2007	10.9	n/a	ND	
GU-4BG	u	Diphenylamine	122-39-4	ug/L	6/18/2007	10.9	n/a	ND	
GU-4BG	u	Disulfoton	298-04-4	ug/L	6/18/2007	10.9	n/a	ND	
GU-4BG	u	Ethyl Methanesulfonate	62-50-0	ug/L	6/18/2007	10.9	n/a	ND	
GU-4BG	u	Famphur	52-85-7	ug/L	6/18/2007	10.9	n/a	ND	
GU-4BG	u	Fluoranthene	206-44-0	ug/L	6/18/2007	10.9	n/a	ND	
GU-4BG	u	Fluorene	86-73-7	ug/L	6/18/2007	10.9	n/a	ND	
GU-4BG	u	Hexachlorobenzene	118-74-1	ug/L	6/18/2007	10.9	n/a	ND	
GU-4BG	u	Hexachlorobutadiene	87-68-3	ug/L	6/18/2007	10.9	n/a	ND	
GU-4BG	u	Hexachlorocyclopentadiene	77-47-4	ug/L	6/18/2007	10.9	n/a	ND	
GU-4BG	u	Hexachloroethane	67-72-1	ug/L	6/18/2007	10.9	n/a	ND	
GU-4BG	u	Hexachloropropene	1888-71-7	ug/L	6/18/2007	10.9	n/a	ND	
GU-4BG	u	Indeno [1,2,3-cd] pyrene	193-39-5	ug/L	6/18/2007	10.9	n/a	ND	
GU-4BG	u	Isodrin	465-73-6	ug/L	6/18/2007	10.9	n/a	ND	
GU-4BG	u	Isophorone	78-59-1	ug/L	6/18/2007	10.9	n/a	ND	
GU-4BG	u	Isosafrole	120-58-1	ug/L	6/18/2007	54.3	n/a	ND	
GU-4BG	u	Kepone	143-50-0	ug/L	6/18/2007	10.9	n/a	ND	
GU-4BG	u	Methapyrilene	91-80-5	ug/L	6/18/2007	54.3	n/a	ND	
GU-4BG	u	3-Methylcholanthrene	56-49-5	ug/L	6/18/2007	10.9	n/a	ND	
GU-4BG	u	Methyl Methanesulfonate	66-27-3	ug/L	6/18/2007	10.9	n/a	ND	
GU-4BG	u	2-Methylnaphthalene	91-57-6	ug/L	6/18/2007	10.9	n/a	ND	
GU-4BG	u	Parathion-methyl	298-00-0	ug/L	6/18/2007	10.9	n/a	ND	
GU-4BG	u	1,4-Naphthoquinone	130-15-4	ug/L	6/18/2007	10.9	n/a	ND	
GU-4BG	u	1-Naphthylamine	134-32-7	ug/L	6/18/2007	10.9	n/a	ND	
GU-4BG	u	2-Naphthylamine	91-59-8	ug/L	6/18/2007	10.9	n/a	ND	
GU-4BG	u	2-Nitroaniline	88-74-4	ug/L	6/18/2007	27.2	n/a	ND	
GU-4BG	u	3-Nitroaniline	99-09-2	ug/L	6/18/2007	27.2	n/a	ND	
GU-4BG	u	4-Nitroaniline	100-01-6	ug/L	6/18/2007	27.2	n/a	ND	
GU-4BG	u	Nitrobenzene	98-95-3	ug/L	6/18/2007	10.9	n/a	ND	
GU-4BG	u	2-Nitrophenol	88-75-5	ug/L	6/18/2007	10.9	n/a	ND	
GU-4BG	u	4-Nitrophenol	100-02-7	ug/L	6/18/2007	27.2	n/a	ND	
GU-4BG	u	N-Nitrosodi-n-butylamine	924-16-3	ug/L	6/18/2007	10.9	n/a	ND	
GU-4BG	u	N-Nitrosodiethylamine	55-18-5	ug/L	6/18/2007	10.9	n/a	ND	
GU-4BG	u	N-Nitrosodimethylamine	62-75-9	ug/L	6/18/2007	10.9	n/a	ND	
GU-4BG	u	N-Nitrosodiphenylamine	86-30-6	ug/L	6/18/2007	10.9	n/a	ND	
GU-4BG	u	N-Nitrosodi-n-propylamine	621-64-7	ug/L	6/18/2007	10.9	n/a	ND	
GU-4BG	u	N-Nitrosomethylethylamine	10595-95-6	ug/L	6/18/2007	10.9	n/a	ND	
GU-4BG	u	N-Nitrosopiperidine	100-75-4	ug/L	6/18/2007	10.9	n/a	ND	
GU-4BG	u	N-Nitrosopyrrolidine	930-55-2	ug/L	6/18/2007	10.9	n/a	ND	
GU-4BG	u	5-Nitro-o-toluidine	99-55-8	ug/L	6/18/2007	10.9	n/a	ND	
GU-4BG	u	Parathion-ethyl	56-38-2	ug/L	6/18/2007	10.9	n/a	ND	
GU-4BG	u	Pentachlorobenzene	608-93-5	ug/L	6/18/2007	10.9	n/a	ND	
GU-4BG	u	Pentachloronitrobenzene	82-68-8	ug/L	6/18/2007	10.9	n/a	ND	
GU-4BG	u	Pentachlorophenol [2C]	87-86-5	ug/L	6/18/2007	27.2	n/a	ND	
GU-4BG	u	Phenacetin	62-44-2	ug/L	6/18/2007	10.9	n/a	ND	
GU-4BG	u	Phenanthrene	85-01-8	ug/L	6/18/2007	10.9	n/a	ND	
GU-4BG	u	Phenol	108-95-2	ug/L	6/18/2007	10.9	n/a	ND	
GU-4BG	u	1,4-Phenylenediamine	106-50-3	ug/L	6/18/2007	54.3	n/a	ND	
GU-4BG	u	Phorate	298-02-2	ug/L	6/18/2007	10.9	n/a	ND	
GU-4BG	u	Pronamide	23950-58-5	ug/L	6/18/2007	10.9	n/a	ND	
GU-4BG	u	Pyrene	129-00-0	ug/L	6/18/2007	10.9	n/a	ND	
GU-4BG	u	Safrole	94-59-7	ug/L	6/18/2007	10.9	n/a	ND	
GU-4BG	u	1,2,4,5-Tetrachlorobenzene	95-94-3	ug/L	6/18/2007	10.9	n/a	ND	
GU-4BG	u	2,3,4,6-Tetrachlorophenol	58-90-2	ug/L	6/18/2007	10.9	n/a	ND	
GU-4BG	u	o-Toluidine	95-53-4	ug/L	6/18/2007	10.9	n/a	ND	
GU-4BG	u	2,4,5-Trichlorophenol	95-95-4	ug/L	6/18/2007	27.2	n/a	ND	
GU-4BG	u	2,4,6-Trichlorophenol	88-06-2	ug/L	6/18/2007	10.9	n/a	ND	
GU-4BG	u	O,O,O-Triethyl phosphorothioate	126-68-1	ug/L	6/18/2007	10.9	n/a	ND	
GU-4BG	u	1,3,5-Trinitrobenzene	99-35-4	ug/L	6/18/2007	10.9	n/a	ND	
GU-4BG	u	Pentachloroethane	76-01-7	ug/L	6/18/2007	10.9	n/a	ND	
GU-4BG	u	Dinoseb	88-85-7	ug/L	6/18/2007	0.105	n/a	ND	
GU-4BG	u	Acetonitrile	75-05-8	ug/L	6/18/2007	10	n/a	ND	
GU-4BG	u	Isobutanol	78-83-1	mg/L	6/18/2007	10	n/a	ND	
GU-4BG	u	PCB-1016	12674-11-2	ug/L	6/18/2007	0.8	n/a	ND	

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Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
GU-4BG	u	PCB-1221	11104-28-2	ug/L	6/18/2007	0.8	n/a	ND	
GU-4BG	u	PCB-1232	11141-16-5	ug/L	6/18/2007	0.8	n/a	ND	
GU-4BG	u	PCB-1242	53469-21-9	ug/L	6/18/2007	0.8	n/a	ND	
GU-4BG	u	PCB-1248	12672-29-6	ug/L	6/18/2007	0.8	n/a	ND	
GU-4BG	u	PCB-1254	11097-69-1	ug/L	6/18/2007	0.8	n/a	ND	
GU-4BG	u	PCB-1260	11096-82-5	ug/L	6/18/2007	0.8	n/a	ND	
GU-4BG	u	PCB-1268	11100-14-4	ug/L	6/18/2007	0.8	n/a	ND	
GU-4BG	u	Cyanide	57-12-5	mg/L	6/18/2007	0.01	n/a	ND	
GU-4BG	u	Sulfide	18496-25-8	mg/L	6/18/2007	2	n/a	ND	
GU-4BG	u	2,4-D [2C]	94-75-7	ug/L	6/18/2007	0.105	n/a	ND	
GU-4BG	u	2,4,5-TP [Silvex] [2C]	93-72-1	ug/L	6/18/2007	0.105	n/a	ND	
GU-4BG	u	2,4,5-T [2C]	93-76-5	ug/L	6/18/2007	0.105	n/a	ND	
GU-4BG	u	alpha-BHC	319-84-6	ug/L	6/18/2007	0.05	n/a	ND	
GU-4BG	u	beta-BHC	319-85-7	ug/L	6/18/2007	0.05	n/a	ND	
GU-4BG	u	Dieldrin	60-57-1	ug/L	6/18/2007	0.05	n/a	ND	
GU-4BG	u	4,4'-DDE	72-55-9	ug/L	6/18/2007	0.05	n/a	ND	
GU-4BG	u	delta-BHC	319-86-8	ug/L	6/18/2007	0.05	n/a	ND	
GU-4BG	u	Endrin	72-20-8	ug/L	6/18/2007	0.05	n/a	ND	
GU-4BG	u	gamma-BHC [Lindane]	58-89-9	ug/L	6/18/2007	0.05	n/a	ND	
GU-4BG	u	Endosulfan II	33213-65-9	ug/L	6/18/2007	0.05	n/a	ND	
GU-4BG	u	Heptachlor	76-44-8	ug/L	6/18/2007	0.05	n/a	ND	
GU-4BG	u	4,4'-DDD	72-54-8	ug/L	6/18/2007	0.05	n/a	ND	
GU-4BG	u	Aldrin	309-00-2	ug/L	6/18/2007	0.05	n/a	ND	
GU-4BG	u	Endosulfan sulfate	1031-07-8	ug/L	6/18/2007	0.05	n/a	ND	
GU-4BG	u	Heptachlor epoxide	1024-57-3	ug/L	6/18/2007	0.05	n/a	ND	
GU-4BG	u	4,4'-DDT	50-29-3	ug/L	6/18/2007	0.05	n/a	ND	
GU-4BG	u	Endosulfan I	959-98-8	ug/L	6/18/2007	0.05	n/a	ND	
GU-4BG	u	Methoxychlor	72-43-5	ug/L	6/18/2007	0.05	n/a	ND	
GU-4BG	u	Toxaphene	8001-35-2	ug/L	6/18/2007	5	n/a	ND	
GU-4BG	u	Endrin aldehyde	7421-93-4	ug/L	6/18/2007	0.05	n/a	ND	
GU-4BG	u	Chlordane	57-74-9	ug/L	6/18/2007	3	n/a	ND	
MW-26	u	Antimony	7440-36-0	mg/L	6/25/2007	0.006	n/a	ND	
MW-26	u	Arsenic	7440-38-2	mg/L	6/25/2007	0.001	n/a	ND	
MW-26	u	Barium	7440-39-3	mg/L	6/25/2007	n/a	n/a	ND	0.244
MW-26	u	Beryllium	7440-41-7	mg/L	6/25/2007	0.001	n/a	ND	
MW-26	u	Cadmium	7440-43-9	mg/L	6/25/2007	0.0005	n/a	ND	
MW-26	u	Chromium	7440-47-3	mg/L	6/25/2007	0.02	n/a	ND	
MW-26	u	Cobalt	7440-48-4	mg/L	6/25/2007	0.02	n/a	ND	
MW-26	u	Copper	7440-50-8	mg/L	6/25/2007	0.02	n/a	ND	
MW-26	u	Lead	7439-92-1	mg/L	6/25/2007	0.004	n/a	ND	
MW-26	u	Nickel	7440-02-0	mg/L	6/25/2007	0.05	n/a	ND	
MW-26	u	Selenium	7782-49-2	mg/L	6/25/2007	0.005	n/a	ND	
MW-26	u	Silver	7440-22-4	mg/L	6/25/2007	0.02	n/a	ND	
MW-26	u	Thallium	7440-28-0	mg/L	6/25/2007	0.002	n/a	ND	
MW-26	u	Vanadium	7440-62-2	mg/L	6/25/2007	0.05	n/a	ND	
MW-26	u	Zinc	7440-66-6	mg/L	6/25/2007	0.02	n/a	ND	
MW-26	u	Mercury	7439-97-6	mg/L	6/25/2007	0.0002	n/a	ND	
MW-26	u	Tin	7440-31-5	mg/L	6/25/2007	0.1	n/a	ND	
MW-26	u	Acetone	67-64-1	ug/L	6/25/2007	10	n/a	ND	
MW-26	u	Acrylonitrile	107-13-1	ug/L	6/25/2007	10	n/a	ND	
MW-26	u	Benzene	71-43-2	ug/L	6/25/2007	0.5	n/a	ND	
MW-26	u	Bromochloromethane	74-97-5	ug/L	6/25/2007	5	n/a	ND	
MW-26	u	Bromodichloromethane	75-27-4	ug/L	6/25/2007	1	n/a	ND	
MW-26	u	Bromoform	75-25-2	ug/L	6/25/2007	5	n/a	ND	
MW-26	u	Carbon disulfide	75-15-0	ug/L	6/25/2007	1	n/a	ND	
MW-26	u	Carbon Tetrachloride	56-23-5	ug/L	6/25/2007	2	n/a	ND	
MW-26	u	Chlorobenzene	108-90-7	ug/L	6/25/2007	1	n/a	ND	
MW-26	u	Chloroethane	75-00-3	ug/L	6/25/2007	4	n/a	ND	
MW-26	u	Chloroform	67-66-3	ug/L	6/25/2007	1	n/a	ND	
MW-26	u	Chlorodibromomethane	124-48-1	ug/L	6/25/2007	5	n/a	ND	
MW-26	u	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	6/25/2007	10	n/a	ND	
MW-26	u	1,2-Dibromoethane [EDB]	106-93-4	ug/L	6/25/2007	10	n/a	ND	
MW-26	u	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	6/25/2007	10	n/a	ND	
MW-26	u	1,1-Dichloroethane	75-34-3	ug/L	6/25/2007	1	n/a	ND	
MW-26	u	1,2-Dichloroethane	107-06-2	ug/L	6/25/2007	1	n/a	ND	
MW-26	u	1,1-Dichloroethene	75-35-4	ug/L	6/25/2007	2	n/a	ND	
MW-26	u	cis-1,2-Dichloroethene	156-59-2	ug/L	6/25/2007	1	n/a	ND	
MW-26	u	trans-1,2-Dichloroethene	156-60-5	ug/L	6/25/2007	1	n/a	ND	
MW-26	u	1,2-Dichloropropane	78-87-5	ug/L	6/25/2007	1	n/a	ND	
MW-26	u	cis-1,3-Dichloropropene	10061-01-5	ug/L	6/25/2007	5	n/a	ND	
MW-26	u	trans-1,3-Dichloropropene	10061-02-6	ug/L	6/25/2007	5	n/a	ND	
MW-26	u	1,2-Dichlorobenzene	95-50-1	ug/L	6/25/2007	1	n/a	ND	
MW-26	u	1,4-Dichlorobenzene	106-46-7	ug/L	6/25/2007	1	n/a	ND	
MW-26	u	Ethylbenzene	100-41-4	ug/L	6/25/2007	1	n/a	ND	
MW-26	u	2-Hexanone	591-78-6	ug/L	6/25/2007	10	n/a	ND	

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Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-26	u	Bromomethane	74-83-9	ug/L	6/25/2007	4	n/a	ND	
MW-26	u	Chloromethane	74-87-3	ug/L	6/25/2007	3	n/a	ND	
MW-26	u	2-Butanone	78-93-3	ug/L	6/25/2007	10	n/a	ND	
MW-26	u	Iodomethane	74-88-4	ug/L	6/25/2007	10	n/a	ND	
MW-26	u	4-Methyl-2-pentanone	108-10-1	ug/L	6/25/2007	10	n/a	ND	
MW-26	u	Methylene Bromide	74-95-3	ug/L	6/25/2007	1	n/a	ND	
MW-26	u	Methylene Chloride	75-09-2	ug/L	6/25/2007	5	n/a	ND	
MW-26	u	Styrene	100-42-5	ug/L	6/25/2007	1	n/a	ND	
MW-26	u	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	6/25/2007	1	n/a	ND	
MW-26	u	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	6/25/2007	1	n/a	ND	
MW-26	u	Tetrachloroethene	127-18-4	ug/L	6/25/2007	1	n/a	ND	
MW-26	u	Toluene	108-88-3	ug/L	6/25/2007	1	n/a	ND	
MW-26	u	1,1,1-Trichloroethane	71-55-6	ug/L	6/25/2007	1	n/a	ND	
MW-26	u	1,1,2-Trichloroethane	79-00-5	ug/L	6/25/2007	1	n/a	ND	
MW-26	u	Trichloroethene	79-01-6	ug/L	6/25/2007	1	n/a	ND	
MW-26	u	Trichlorofluoromethane	75-69-4	ug/L	6/25/2007	4	n/a	ND	
MW-26	u	1,2,3-Trichloropropane	96-18-4	ug/L	6/25/2007	1	n/a	ND	
MW-26	u	Vinyl acetate	108-05-4	ug/L	6/25/2007	2	n/a	ND	
MW-26	u	Vinyl chloride	75-01-4	ug/L	6/25/2007	1	n/a	ND	
MW-26	u	Xylenes, total	1330-20-7	ug/L	6/25/2007	3	n/a	ND	
MW-26	u	Acrolein	107-02-8	ug/L	6/25/2007	10	n/a	ND	
MW-26	u	3-Chloropropene	107-05-1	ug/L	6/25/2007	2	n/a	ND	
MW-26	u	Chloroprene	126-99-8	ug/L	6/25/2007	1	n/a	ND	
MW-26	u	Dichlorodifluoromethane	75-71-8	ug/L	6/25/2007	3	n/a	ND	
MW-26	u	1,3-Dichloropropane	142-28-9	ug/L	6/25/2007	1	n/a	ND	
MW-26	u	2,2-Dichloropropane	594-20-7	ug/L	6/25/2007	4	n/a	ND	
MW-26	u	1,1-Dichloropropene	563-58-6	ug/L	6/25/2007	1	n/a	ND	
MW-26	u	1,3-Dichlorobenzene	541-73-1	ug/L	6/25/2007	1	n/a	ND	
MW-26	u	Ethyl Methacrylate	97-63-2	ug/L	6/25/2007	2	n/a	ND	
MW-26	u	Methacrylonitrile	126-98-7	ug/L	6/25/2007	1	n/a	ND	
MW-26	u	Methyl Methacrylate	80-62-6	ug/L	6/25/2007	2	n/a	ND	
MW-26	u	Naphthalene	91-20-3	ug/L	6/25/2007	8.05	n/a	ND	
MW-26	u	Propionitrile	107-12-0	ug/L	6/25/2007	10	n/a	ND	
MW-26	u	1,2,4-Trichlorobenzene	120-82-1	ug/L	6/25/2007	8.05	n/a	ND	
MW-26	u	Acenaphthene	83-32-9	ug/L	6/25/2007	11.1	n/a	ND	
MW-26	u	Acenaphthylene	208-96-8	ug/L	6/25/2007	11.1	n/a	ND	
MW-26	u	Acetophenone	98-86-2	ug/L	6/25/2007	11.1	n/a	ND	
MW-26	u	2-Acetylaminofluorene	53-96-3	ug/L	6/25/2007	11.1	n/a	ND	
MW-26	u	4-Aminobiphenyl	92-67-1	ug/L	6/25/2007	11.1	n/a	ND	
MW-26	u	Anthracene	120-12-7	ug/L	6/25/2007	11.1	n/a	ND	
MW-26	u	Benzo [a] anthracene	56-55-3	ug/L	6/25/2007	11.1	n/a	ND	
MW-26	u	Benzo [b] fluoranthene	205-99-2	ug/L	6/25/2007	11.1	n/a	ND	
MW-26	u	Benzo [k] fluoranthene	207-08-9	ug/L	6/25/2007	11.1	n/a	ND	
MW-26	u	Benzo [g,h,i] perylene	191-24-2	ug/L	6/25/2007	11.1	n/a	ND	
MW-26	u	Benzyl alcohol	100-51-6	ug/L	6/25/2007	55.6	n/a	ND	
MW-26	u	Bis[2-chloroethoxy]methane	111-91-1	ug/L	6/25/2007	11.1	n/a	ND	
MW-26	u	Bis[2-chloroethyl]ether	111-44-4	ug/L	6/25/2007	11.1	n/a	ND	
MW-26	u	Bis[2-chloroisopropyl]ether	108-60-1	ug/L	6/25/2007	11.1	n/a	ND	
MW-26	u	Bis[2-ethylhexyl]phthalate	117-81-7	ug/L	6/25/2007	11.1	n/a	ND	
MW-26	u	4-Bromophenyl phenyl ether	101-55-3	ug/L	6/25/2007	11.1	n/a	ND	
MW-26	u	Butyl benzyl phthalate	85-68-7	ug/L	6/25/2007	11.1	n/a	ND	
MW-26	u	4-Chloroaniline	106-47-8	ug/L	6/25/2007	11.1	n/a	ND	
MW-26	u	Chlorobenzilate	510-15-6	ug/L	6/25/2007	55.6	n/a	ND	
MW-26	u	4-Chloro-3-methylphenol	59-50-7	ug/L	6/25/2007	11.1	n/a	ND	
MW-26	u	2-Chloronaphthalene	91-58-7	ug/L	6/25/2007	11.1	n/a	ND	
MW-26	u	2-Chlorophenol	95-57-8	ug/L	6/25/2007	11.1	n/a	ND	
MW-26	u	4-Chlorophenyl phenyl ether	7005-72-3	ug/L	6/25/2007	11.1	n/a	ND	
MW-26	u	Chrysene	218-01-9	ug/L	6/25/2007	11.1	n/a	ND	
MW-26	u	3/4-Methylphenol	T-34MP	ug/L	6/25/2007	11.1	n/a	ND	
MW-26	u	2-Methylphenol	95-48-7	ug/L	6/25/2007	11.1	n/a	ND	
MW-26	u	Diallate [cis or trans]	2303-16-4	ug/L	6/25/2007	55.6	n/a	ND	
MW-26	u	Dibenz [a,h] anthracene	53-70-3	ug/L	6/25/2007	11.1	n/a	ND	
MW-26	u	Dibenzofuran	132-64-9	ug/L	6/25/2007	11.1	n/a	ND	
MW-26	u	Di-n-butyl phthalate	84-74-2	ug/L	6/25/2007	11.1	n/a	ND	
MW-26	u	3,3-Dichlorobenzidine	91-94-1	ug/L	6/25/2007	11.1	n/a	ND	
MW-26	u	2,4-Dichlorophenol	120-83-2	ug/L	6/25/2007	11.1	n/a	ND	
MW-26	u	2,6-Dichlorophenol	87-65-0	ug/L	6/25/2007	22.2	n/a	ND	
MW-26	u	Diethyl phthalate	84-66-2	ug/L	6/25/2007	11.1	n/a	ND	
MW-26	u	Thionazin	297-97-2	ug/L	6/25/2007	11.1	n/a	ND	
MW-26	u	7,12-Dimethylbenz [a] anthracene	57-97-6	ug/L	6/25/2007	11.1	n/a	ND	
MW-26	u	Dimethoate	60-51-5	ug/L	6/25/2007	11.1	n/a	ND	
MW-26	u	Dimethylaminoazobenzene	60-11-7	ug/L	6/25/2007	11.1	n/a	ND	
MW-26	u	3,3-Dimethylbenzidine	119-93-7	ug/L	6/25/2007	55.6	n/a	ND	
MW-26	u	2,4-Dimethylphenol	105-67-9	ug/L	6/25/2007	11.1	n/a	ND	
MW-26	u	Dimethyl phthalate	131-11-3	ug/L	6/25/2007	11.1	n/a	ND	

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MW-26	u	1,3-Dinitrobenzene	99-65-0	ug/L	6/25/2007	11.1	n/a	ND	
MW-26	u	4,6-Dinitro-2-methylphenol	534-52-1	ug/L	6/25/2007	27.8	n/a	ND	
MW-26	u	2,4-Dinitrophenol	51-28-5	ug/L	6/25/2007	27.8	n/a	ND	
MW-26	u	2,4-Dinitrotoluene	121-14-2	ug/L	6/25/2007	11.1	n/a	ND	
MW-26	u	2,6-Dinitrotoluene	606-20-2	ug/L	6/25/2007	11.1	n/a	ND	
MW-26	u	Di-n-octyl phthalate	117-84-0	ug/L	6/25/2007	11.1	n/a	ND	
MW-26	u	Diphenylamine	122-39-4	ug/L	6/25/2007	11.1	n/a	ND	
MW-26	u	Ethyl Methanesulfonate	62-50-0	ug/L	6/25/2007	11.1	n/a	ND	
MW-26	u	Famphur	52-85-7	ug/L	6/25/2007	11.1	n/a	ND	
MW-26	u	Fluoranthene	206-44-0	ug/L	6/25/2007	11.1	n/a	ND	
MW-26	u	Fluorene	86-73-7	ug/L	6/25/2007	11.1	n/a	ND	
MW-26	u	Hexachlorobenzene	118-74-1	ug/L	6/25/2007	11.1	n/a	ND	
MW-26	u	Hexachlorobutadiene	87-68-3	ug/L	6/25/2007	11.1	n/a	ND	
MW-26	u	Hexachlorocyclopentadiene	77-47-4	ug/L	6/25/2007	11.1	n/a	ND	
MW-26	u	Hexachloroethane	67-72-1	ug/L	6/25/2007	11.1	n/a	ND	
MW-26	u	Hexachloropropene	1888-71-7	ug/L	6/25/2007	11.1	n/a	ND	
MW-26	u	Indeno [1,2,3-cd] pyrene	193-39-5	ug/L	6/25/2007	11.1	n/a	ND	
MW-26	u	Isodrin	465-73-6	ug/L	6/25/2007	11.1	n/a	ND	
MW-26	u	Isophorone	78-59-1	ug/L	6/25/2007	11.1	n/a	ND	
MW-26	u	Isosafrole	120-58-1	ug/L	6/25/2007	55.6	n/a	ND	
MW-26	u	Kepone	143-50-0	ug/L	6/25/2007	11.1	n/a	ND	
MW-26	u	Methapyrilene	91-80-5	ug/L	6/25/2007	55.6	n/a	ND	
MW-26	u	3-Methylcholanthrene	56-49-5	ug/L	6/25/2007	11.1	n/a	ND	
MW-26	u	Methyl Methanesulfonate	66-27-3	ug/L	6/25/2007	11.1	n/a	ND	
MW-26	u	2-Methylnaphthalene	91-57-6	ug/L	6/25/2007	11.1	n/a	ND	
MW-26	u	Parathion-methyl	298-00-0	ug/L	6/25/2007	11.1	n/a	ND	
MW-26	u	1,4-Naphthoquinone	130-15-4	ug/L	6/25/2007	11.1	n/a	ND	
MW-26	u	1-Naphthylamine	134-32-7	ug/L	6/25/2007	11.1	n/a	ND	
MW-26	u	2-Naphthylamine	91-59-8	ug/L	6/25/2007	11.1	n/a	ND	
MW-26	u	2-Nitroaniline	88-74-4	ug/L	6/25/2007	27.8	n/a	ND	
MW-26	u	3-Nitroaniline	99-09-2	ug/L	6/25/2007	27.8	n/a	ND	
MW-26	u	4-Nitroaniline	100-01-6	ug/L	6/25/2007	27.8	n/a	ND	
MW-26	u	Nitrobenzene	98-95-3	ug/L	6/25/2007	11.1	n/a	ND	
MW-26	u	2-Nitrophenol	88-75-5	ug/L	6/25/2007	11.1	n/a	ND	
MW-26	u	4-Nitrophenol	100-02-7	ug/L	6/25/2007	27.8	n/a	ND	
MW-26	u	N-Nitrosodi-n-butylamine	924-16-3	ug/L	6/25/2007	11.1	n/a	ND	
MW-26	u	N-Nitrosodiethylamine	55-18-5	ug/L	6/25/2007	11.1	n/a	ND	
MW-26	u	N-Nitrosodimethylamine	62-75-9	ug/L	6/25/2007	11.1	n/a	ND	
MW-26	u	N-Nitrosodiphenylamine	86-30-6	ug/L	6/25/2007	11.1	n/a	ND	
MW-26	u	N-Nitrosodi-n-propylamine	621-64-7	ug/L	6/25/2007	11.1	n/a	ND	
MW-26	u	N-Nitrosomethylethylamine	10595-95-6	ug/L	6/25/2007	11.1	n/a	ND	
MW-26	u	N-Nitrosopiperidine	100-75-4	ug/L	6/25/2007	11.1	n/a	ND	
MW-26	u	N-Nitrosopyrrolidine	930-55-2	ug/L	6/25/2007	11.1	n/a	ND	
MW-26	u	5-Nitro-o-toluidine	99-55-8	ug/L	6/25/2007	11.1	n/a	ND	
MW-26	u	Parathion-ethyl	56-38-2	ug/L	6/25/2007	11.1	n/a	ND	
MW-26	u	Pentachlorobenzene	608-93-5	ug/L	6/25/2007	11.1	n/a	ND	
MW-26	u	Pentachloronitrobenzene	82-68-8	ug/L	6/25/2007	11.1	n/a	ND	
MW-26	u	Pentachlorophenol [2C]	87-86-5	ug/L	6/25/2007	27.8	n/a	ND	
MW-26	u	Phenacetin	62-44-2	ug/L	6/25/2007	11.1	n/a	ND	
MW-26	u	Phenanthrene	85-01-8	ug/L	6/25/2007	11.1	n/a	ND	
MW-26	u	Phenol	108-95-2	ug/L	6/25/2007	11.1	n/a	ND	
MW-26	u	1,4-Phenylenediamine	106-50-3	ug/L	6/25/2007	55.6	n/a	ND	
MW-26	u	Pronamide	23950-58-5	ug/L	6/25/2007	11.1	n/a	ND	
MW-26	u	Pyrene	129-00-0	ug/L	6/25/2007	11.1	n/a	ND	
MW-26	u	Safrole	94-59-7	ug/L	6/25/2007	11.1	n/a	ND	
MW-26	u	1,2,4,5-Tetrachlorobenzene	95-94-3	ug/L	6/25/2007	11.1	n/a	ND	
MW-26	u	2,3,4,6-Tetrachlorophenol	58-90-2	ug/L	6/25/2007	11.1	n/a	ND	
MW-26	u	o-Toluidine	95-53-4	ug/L	6/25/2007	11.1	n/a	ND	
MW-26	u	2,4,5-Trichlorophenol	95-95-4	ug/L	6/25/2007	27.8	n/a	ND	
MW-26	u	2,4,6-Trichlorophenol	88-06-2	ug/L	6/25/2007	11.1	n/a	ND	
MW-26	u	O,O,O-Triethyl phosphorothioate	126-68-1	ug/L	6/25/2007	11.1	n/a	ND	
MW-26	u	1,3,5-Trinitrobenzene	99-35-4	ug/L	6/25/2007	11.1	n/a	ND	
MW-26	u	Acetonitrile	75-05-8	ug/L	6/25/2007	10	n/a	ND	
MW-26	u	Isobutanol	78-83-1	mg/L	6/25/2007	10	n/a	ND	
MW-26	u	PCB-1016	12674-11-2	ug/L	6/25/2007	0.8	n/a	ND	
MW-26	u	PCB-1221	11104-28-2	ug/L	6/25/2007	0.8	n/a	ND	
MW-26	u	PCB-1232	11141-16-5	ug/L	6/25/2007	0.8	n/a	ND	
MW-26	u	PCB-1242	53469-21-9	ug/L	6/25/2007	0.8	n/a	ND	
MW-26	u	PCB-1248	12672-29-6	ug/L	6/25/2007	0.8	n/a	ND	
MW-26	u	PCB-1254	11097-69-1	ug/L	6/25/2007	0.8	n/a	ND	
MW-26	u	PCB-1260	11096-82-5	ug/L	6/25/2007	0.8	n/a	ND	
MW-26	u	PCB-1268	11100-14-4	ug/L	6/25/2007	0.8	n/a	ND	
MW-26	u	Cyanide	57-12-5	mg/L	6/25/2007	0.01	n/a	ND	
MW-26	u	Sulfide	18496-25-8	mg/L	6/25/2007	2	n/a	ND	
MW-26	u	2,4-D [2C]	94-75-7	ug/L	6/25/2007	n/a	n/a		0.184

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Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-26	u	2,4,5-TP [Silvex] [2C]	93-72-1	ug/L	6/25/2007	0.102	n/a	ND	
MW-26	u	alpha-BHC	319-84-6	ug/L	6/25/2007	0.05	n/a	ND	
MW-26	u	beta-BHC	319-85-7	ug/L	6/25/2007	0.05	n/a	ND	
MW-26	u	Dieldrin	60-57-1	ug/L	6/25/2007	0.05	n/a	ND	
MW-26	u	4,4'-DDE	72-55-9	ug/L	6/25/2007	0.05	n/a	ND	
MW-26	u	delta-BHC	319-86-8	ug/L	6/25/2007	0.05	n/a	ND	
MW-26	u	Endrin	72-20-8	ug/L	6/25/2007	0.05	n/a	ND	
MW-26	u	gamma-BHC [Lindane]	58-89-9	ug/L	6/25/2007	0.05	n/a	ND	
MW-26	u	Endosulfan II	33213-65-9	ug/L	6/25/2007	0.05	n/a	ND	
MW-26	u	Heptachlor	76-44-8	ug/L	6/25/2007	0.05	n/a	ND	
MW-26	u	4,4'-DDD	72-54-8	ug/L	6/25/2007	0.05	n/a	ND	
MW-26	u	Aldrin	309-00-2	ug/L	6/25/2007	0.05	n/a	ND	
MW-26	u	Endosulfan sulfate	1031-07-8	ug/L	6/25/2007	0.05	n/a	ND	
MW-26	u	Heptachlor epoxide	1024-57-3	ug/L	6/25/2007	0.05	n/a	ND	
MW-26	u	4,4'-DDT	50-29-3	ug/L	6/25/2007	0.05	n/a	ND	
MW-26	u	Endosulfan I	959-98-8	ug/L	6/25/2007	0.05	n/a	ND	
MW-26	u	Methoxychlor	72-43-5	ug/L	6/25/2007	0.05	n/a	ND	
MW-26	u	alpha-Chlordane	5103-71-9	ug/L	6/25/2007	0.05	n/a	ND	
MW-26	u	gamma-Chlordane	5566-34-7	ug/L	6/25/2007	0.05	n/a	ND	
MW-26	u	Toxaphene	8001-35-2	ug/L	6/25/2007	5	n/a	ND	
MW-26	u	Endrin aldehyde	7421-93-4	ug/L	6/25/2007	0.05	n/a	ND	
MW-26	u	Endrin ketone	53494-70-5	ug/L	6/25/2007	0.05	n/a	ND	
MW-26	u	Chlordane	57-74-9	ug/L	6/25/2007	3	n/a	ND	
MW-AR	d	Antimony	7440-36-0	mg/L	6/25/2007	0.006	n/a	ND	
MW-AR	d	Arsenic	7440-38-2	mg/L	6/25/2007	0.001	n/a	ND	
MW-AR	d	Barium	7440-39-3	mg/L	6/25/2007	n/a	n/a		0.0355
MW-AR	d	Beryllium	7440-41-7	mg/L	6/25/2007	0.001	n/a	ND	
MW-AR	d	Cadmium	7440-43-9	mg/L	6/25/2007	n/a	n/a		0.00069
MW-AR	d	Chromium	7440-47-3	mg/L	6/25/2007	0.02	n/a	ND	
MW-AR	d	Cobalt	7440-48-4	mg/L	6/25/2007	0.02	n/a	ND	
MW-AR	d	Copper	7440-50-8	mg/L	6/25/2007	0.02	n/a	ND	
MW-AR	d	Lead	7439-92-1	mg/L	6/25/2007	0.004	n/a	ND	
MW-AR	d	Nickel	7440-02-0	mg/L	6/25/2007	0.05	n/a	ND	
MW-AR	d	Selenium	7782-49-2	mg/L	6/25/2007	0.005	n/a	ND	
MW-AR	d	Silver	7440-22-4	mg/L	6/25/2007	0.02	n/a	ND	
MW-AR	d	Thallium	7440-28-0	mg/L	6/25/2007	0.002	n/a	ND	
MW-AR	d	Vanadium	7440-62-2	mg/L	6/25/2007	0.05	n/a	ND	
MW-AR	d	Zinc	7440-66-6	mg/L	6/25/2007	0.02	n/a	ND	
MW-AR	d	Mercury	7439-97-6	mg/L	6/25/2007	0.0002	n/a	ND	
MW-AR	d	Tin	7440-31-5	mg/L	6/25/2007	0.1	n/a	ND	
MW-AR	d	Acetone	67-64-1	ug/L	6/25/2007	10	n/a	ND	
MW-AR	d	Acrylonitrile	107-13-1	ug/L	6/25/2007	10	n/a	ND	
MW-AR	d	Benzene	71-43-2	ug/L	6/25/2007	0.5	n/a	ND	
MW-AR	d	Bromochloromethane	74-97-5	ug/L	6/25/2007	5	n/a	ND	
MW-AR	d	Bromodichloromethane	75-27-4	ug/L	6/25/2007	1	n/a	ND	
MW-AR	d	Bromoform	75-25-2	ug/L	6/25/2007	5	n/a	ND	
MW-AR	d	Carbon disulfide	75-15-0	ug/L	6/25/2007	1	n/a	ND	
MW-AR	d	Carbon Tetrachloride	56-23-5	ug/L	6/25/2007	2	n/a	ND	
MW-AR	d	Chlorobenzene	108-90-7	ug/L	6/25/2007	1	n/a	ND	
MW-AR	d	Chloroethane	75-00-3	ug/L	6/25/2007	4	n/a	ND	
MW-AR	d	Chloroform	67-66-3	ug/L	6/25/2007	1	n/a	ND	
MW-AR	d	Chlorodibromomethane	124-48-1	ug/L	6/25/2007	5	n/a	ND	
MW-AR	d	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	6/25/2007	10	n/a	ND	
MW-AR	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	6/25/2007	10	n/a	ND	
MW-AR	d	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	6/25/2007	10	n/a	ND	
MW-AR	d	1,1-Dichloroethane	75-34-3	ug/L	6/25/2007	1	n/a	ND	
MW-AR	d	1,2-Dichloroethane	107-06-2	ug/L	6/25/2007	1	n/a	ND	
MW-AR	d	1,1-Dichloroethene	75-35-4	ug/L	6/25/2007	2	n/a	ND	
MW-AR	d	cis-1,2-Dichloroethene	156-59-2	ug/L	6/25/2007	1	n/a	ND	
MW-AR	d	trans-1,2-Dichloroethene	156-60-5	ug/L	6/25/2007	1	n/a	ND	
MW-AR	d	1,2-Dichloropropane	78-87-5	ug/L	6/25/2007	1	n/a	ND	
MW-AR	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	6/25/2007	5	n/a	ND	
MW-AR	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	6/25/2007	5	n/a	ND	
MW-AR	d	1,2-Dichlorobenzene	95-50-1	ug/L	6/25/2007	1	n/a	ND	
MW-AR	d	1,4-Dichlorobenzene	106-46-7	ug/L	6/25/2007	1	n/a	ND	
MW-AR	d	Ethylbenzene	100-41-4	ug/L	6/25/2007	1	n/a	ND	
MW-AR	d	2-Hexanone	591-78-6	ug/L	6/25/2007	10	n/a	ND	
MW-AR	d	Bromomethane	74-83-9	ug/L	6/25/2007	4	n/a	ND	
MW-AR	d	Chloromethane	74-87-3	ug/L	6/25/2007	3	n/a	ND	
MW-AR	d	2-Butanone	78-93-3	ug/L	6/25/2007	10	n/a	ND	
MW-AR	d	Iodomethane	74-88-4	ug/L	6/25/2007	10	n/a	ND	
MW-AR	d	4-Methyl-2-pentanone	108-10-1	ug/L	6/25/2007	10	n/a	ND	
MW-AR	d	Methylene Bromide	74-95-3	ug/L	6/25/2007	1	n/a	ND	
MW-AR	d	Methylene Chloride	75-09-2	ug/L	6/25/2007	5	n/a	ND	
MW-AR	d	Styrene	100-42-5	ug/L	6/25/2007	1	n/a	ND	

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MW-AR	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	6/25/2007	1	n/a	ND	
MW-AR	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	6/25/2007	1	n/a	ND	
MW-AR	d	Tetrachloroethene	127-18-4	ug/L	6/25/2007	1	n/a	ND	
MW-AR	d	Toluene	108-88-3	ug/L	6/25/2007	1	n/a	ND	
MW-AR	d	1,1,1-Trichloroethane	71-55-6	ug/L	6/25/2007	1	n/a	ND	
MW-AR	d	1,1,2-Trichloroethane	79-00-5	ug/L	6/25/2007	1	n/a	ND	
MW-AR	d	Trichloroethene	79-01-6	ug/L	6/25/2007	1	n/a	ND	
MW-AR	d	Trichlorofluoromethane	75-69-4	ug/L	6/25/2007	4	n/a	ND	
MW-AR	d	1,2,3-Trichloropropane	96-18-4	ug/L	6/25/2007	1	n/a	ND	
MW-AR	d	Vinyl acetate	108-05-4	ug/L	6/25/2007	2	n/a	ND	
MW-AR	d	Vinyl chloride	75-01-4	ug/L	6/25/2007	1	n/a	ND	
MW-AR	d	Xylenes, total	1330-20-7	ug/L	6/25/2007	3	n/a	ND	
MW-AR	d	Acrolein	107-02-8	ug/L	6/25/2007	10	n/a	ND	
MW-AR	d	3-Chloropropene	107-05-1	ug/L	6/25/2007	2	n/a	ND	
MW-AR	d	Chloroprene	126-99-8	ug/L	6/25/2007	1	n/a	ND	
MW-AR	d	Dichlorodifluoromethane	75-71-8	ug/L	6/25/2007	3	n/a	ND	
MW-AR	d	1,3-Dichloropropane	142-28-9	ug/L	6/25/2007	1	n/a	ND	
MW-AR	d	2,2-Dichloropropane	594-20-7	ug/L	6/25/2007	4	n/a	ND	
MW-AR	d	1,1-Dichloropropene	563-58-6	ug/L	6/25/2007	1	n/a	ND	
MW-AR	d	1,3-Dichlorobenzene	541-73-1	ug/L	6/25/2007	1	n/a	ND	
MW-AR	d	Ethyl Methacrylate	97-63-2	ug/L	6/25/2007	2	n/a	ND	
MW-AR	d	Methacrylonitrile	126-98-7	ug/L	6/25/2007	1	n/a	ND	
MW-AR	d	Methyl Methacrylate	80-62-6	ug/L	6/25/2007	2	n/a	ND	
MW-AR	d	Naphthalene	91-20-3	ug/L	6/25/2007	7.75	n/a	ND	
MW-AR	d	Propionitrile	107-12-0	ug/L	6/25/2007	10	n/a	ND	
MW-AR	d	1,2,4-Trichlorobenzene	120-82-1	ug/L	6/25/2007	7.75	n/a	ND	
MW-AR	d	Acenaphthene	83-32-9	ug/L	6/25/2007	10.5	n/a	ND	
MW-AR	d	Acenaphthylene	208-96-8	ug/L	6/25/2007	10.5	n/a	ND	
MW-AR	d	Acetophenone	98-86-2	ug/L	6/25/2007	10.5	n/a	ND	
MW-AR	d	2-Acetylaminofluorene	53-96-3	ug/L	6/25/2007	10.5	n/a	ND	
MW-AR	d	4-Aminobiphenyl	92-67-1	ug/L	6/25/2007	10.5	n/a	ND	
MW-AR	d	Anthracene	120-12-7	ug/L	6/25/2007	10.5	n/a	ND	
MW-AR	d	Benzo [a] anthracene	56-55-3	ug/L	6/25/2007	10.5	n/a	ND	
MW-AR	d	Benzo [b] fluoranthene	205-99-2	ug/L	6/25/2007	10.5	n/a	ND	
MW-AR	d	Benzo [k] fluoranthene	207-08-9	ug/L	6/25/2007	10.5	n/a	ND	
MW-AR	d	Benzo [g,h,i] perylene	191-24-2	ug/L	6/25/2007	10.5	n/a	ND	
MW-AR	d	Benzyl alcohol	100-51-6	ug/L	6/25/2007	52.6	n/a	ND	
MW-AR	d	Bis[2-chloroethoxy]methane	111-91-1	ug/L	6/25/2007	10.5	n/a	ND	
MW-AR	d	Bis[2-chloroethyl]ether	111-44-4	ug/L	6/25/2007	10.5	n/a	ND	
MW-AR	d	Bis[2-chloroisopropyl]ether	108-60-1	ug/L	6/25/2007	10.5	n/a	ND	
MW-AR	d	Bis[2-ethylhexyl]phthalate	117-81-7	ug/L	6/25/2007	10.5	n/a	ND	
MW-AR	d	4-Bromophenyl phenyl ether	101-55-3	ug/L	6/25/2007	10.5	n/a	ND	
MW-AR	d	Butyl benzyl phthalate	85-68-7	ug/L	6/25/2007	10.5	n/a	ND	
MW-AR	d	4-Chloroaniline	106-47-8	ug/L	6/25/2007	10.5	n/a	ND	
MW-AR	d	Chlorobenzilate	510-15-6	ug/L	6/25/2007	52.6	n/a	ND	
MW-AR	d	4-Chloro-3-methylphenol	59-50-7	ug/L	6/25/2007	10.5	n/a	ND	
MW-AR	d	2-Chloronaphthalene	91-58-7	ug/L	6/25/2007	10.5	n/a	ND	
MW-AR	d	2-Chlorophenol	95-57-8	ug/L	6/25/2007	10.5	n/a	ND	
MW-AR	d	4-Chlorophenyl phenyl ether	7005-72-3	ug/L	6/25/2007	10.5	n/a	ND	
MW-AR	d	Chrysene	218-01-9	ug/L	6/25/2007	10.5	n/a	ND	
MW-AR	d	3/4-Methylphenol	T-34MP	ug/L	6/25/2007	10.5	n/a	ND	
MW-AR	d	2-Methylphenol	95-48-7	ug/L	6/25/2007	10.5	n/a	ND	
MW-AR	d	Diallate [cis or trans]	2303-16-4	ug/L	6/25/2007	52.6	n/a	ND	
MW-AR	d	Dibenz [a,h] anthracene	53-70-3	ug/L	6/25/2007	10.5	n/a	ND	
MW-AR	d	Dibenzofuran	132-64-9	ug/L	6/25/2007	10.5	n/a	ND	
MW-AR	d	Di-n-butyl phthalate	84-74-2	ug/L	6/25/2007	10.5	n/a	ND	
MW-AR	d	3,3-Dichlorobenzidine	91-94-1	ug/L	6/25/2007	10.5	n/a	ND	
MW-AR	d	2,4-Dichlorophenol	120-83-2	ug/L	6/25/2007	10.5	n/a	ND	
MW-AR	d	2,6-Dichlorophenol	87-65-0	ug/L	6/25/2007	21.1	n/a	ND	
MW-AR	d	Diethyl phthalate	84-66-2	ug/L	6/25/2007	10.5	n/a	ND	
MW-AR	d	Thionazin	297-97-2	ug/L	6/25/2007	10.5	n/a	ND	
MW-AR	d	7,12-Dimethylbenz [a] anthracene	57-97-6	ug/L	6/25/2007	10.5	n/a	ND	
MW-AR	d	Dimethoate	60-51-5	ug/L	6/25/2007	10.5	n/a	ND	
MW-AR	d	Dimethylaminoazobenzene	60-11-7	ug/L	6/25/2007	10.5	n/a	ND	
MW-AR	d	3,3-Dimethylbenzidine	119-93-7	ug/L	6/25/2007	52.6	n/a	ND	
MW-AR	d	2,4-Dimethylphenol	105-67-9	ug/L	6/25/2007	10.5	n/a	ND	
MW-AR	d	Dimethyl phthalate	131-11-3	ug/L	6/25/2007	10.5	n/a	ND	
MW-AR	d	1,3-Dinitrobenzene	99-65-0	ug/L	6/25/2007	10.5	n/a	ND	
MW-AR	d	4,6-Dinitro-2-methylphenol	534-52-1	ug/L	6/25/2007	26.3	n/a	ND	
MW-AR	d	2,4-Dinitrophenol	51-28-5	ug/L	6/25/2007	26.3	n/a	ND	
MW-AR	d	2,4-Dinitrotoluene	121-14-2	ug/L	6/25/2007	10.5	n/a	ND	
MW-AR	d	2,6-Dinitrotoluene	606-20-2	ug/L	6/25/2007	10.5	n/a	ND	
MW-AR	d	Di-n-octyl phthalate	117-84-0	ug/L	6/25/2007	10.5	n/a	ND	
MW-AR	d	Diphenylamine	122-39-4	ug/L	6/25/2007	10.5	n/a	ND	
MW-AR	d	Ethyl Methanesulfonate	62-50-0	ug/L	6/25/2007	10.5	n/a	ND	

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MW-AR	d	Famphur	52-85-7	ug/L	6/25/2007	10.5	n/a	ND	
MW-AR	d	Fluoranthene	206-44-0	ug/L	6/25/2007	10.5	n/a	ND	
MW-AR	d	Fluorene	86-73-7	ug/L	6/25/2007	10.5	n/a	ND	
MW-AR	d	Hexachlorobenzene	118-74-1	ug/L	6/25/2007	10.5	n/a	ND	
MW-AR	d	Hexachlorobutadiene	87-68-3	ug/L	6/25/2007	10.5	n/a	ND	
MW-AR	d	Hexachlorocyclopentadiene	77-47-4	ug/L	6/25/2007	10.5	n/a	ND	
MW-AR	d	Hexachloroethane	67-72-1	ug/L	6/25/2007	10.5	n/a	ND	
MW-AR	d	Hexachloropropene	1888-71-7	ug/L	6/25/2007	10.5	n/a	ND	
MW-AR	d	Indeno [1,2,3-cd] pyrene	193-39-5	ug/L	6/25/2007	10.5	n/a	ND	
MW-AR	d	Isodrin	465-73-6	ug/L	6/25/2007	10.5	n/a	ND	
MW-AR	d	Isophorone	78-59-1	ug/L	6/25/2007	10.5	n/a	ND	
MW-AR	d	Isosafrole	120-58-1	ug/L	6/25/2007	52.6	n/a	ND	
MW-AR	d	Kepone	143-50-0	ug/L	6/25/2007	10.5	n/a	ND	
MW-AR	d	Methapyrilene	91-80-5	ug/L	6/25/2007	52.6	n/a	ND	
MW-AR	d	3-Methylcholanthrene	56-49-5	ug/L	6/25/2007	10.5	n/a	ND	
MW-AR	d	Methyl Methanesulfonate	66-27-3	ug/L	6/25/2007	10.5	n/a	ND	
MW-AR	d	2-Methylnaphthalene	91-57-6	ug/L	6/25/2007	10.5	n/a	ND	
MW-AR	d	Parathion-methyl	298-00-0	ug/L	6/25/2007	10.5	n/a	ND	
MW-AR	d	1,4-Naphthoquinone	130-15-4	ug/L	6/25/2007	10.5	n/a	ND	
MW-AR	d	1-Naphthylamine	134-32-7	ug/L	6/25/2007	10.5	n/a	ND	
MW-AR	d	2-Naphthylamine	91-59-8	ug/L	6/25/2007	10.5	n/a	ND	
MW-AR	d	2-Nitroaniline	88-74-4	ug/L	6/25/2007	26.3	n/a	ND	
MW-AR	d	3-Nitroaniline	99-09-2	ug/L	6/25/2007	26.3	n/a	ND	
MW-AR	d	4-Nitroaniline	100-01-6	ug/L	6/25/2007	26.3	n/a	ND	
MW-AR	d	Nitrobenzene	98-95-3	ug/L	6/25/2007	10.5	n/a	ND	
MW-AR	d	2-Nitrophenol	88-75-5	ug/L	6/25/2007	10.5	n/a	ND	
MW-AR	d	4-Nitrophenol	100-02-7	ug/L	6/25/2007	26.3	n/a	ND	
MW-AR	d	N-Nitrosodi-n-butylamine	924-16-3	ug/L	6/25/2007	10.5	n/a	ND	
MW-AR	d	N-Nitrosodiethylamine	55-18-5	ug/L	6/25/2007	10.5	n/a	ND	
MW-AR	d	N-Nitrosodimethylamine	62-75-9	ug/L	6/25/2007	10.5	n/a	ND	
MW-AR	d	N-Nitrosodiphenylamine	86-30-6	ug/L	6/25/2007	10.5	n/a	ND	
MW-AR	d	N-Nitrosodi-n-propylamine	621-64-7	ug/L	6/25/2007	10.5	n/a	ND	
MW-AR	d	N-Nitrosomethylethylamine	10595-95-6	ug/L	6/25/2007	10.5	n/a	ND	
MW-AR	d	N-Nitrosopiperidine	100-75-4	ug/L	6/25/2007	10.5	n/a	ND	
MW-AR	d	N-Nitrosopyrrolidine	930-55-2	ug/L	6/25/2007	10.5	n/a	ND	
MW-AR	d	5-Nitro-o-toluidine	99-55-8	ug/L	6/25/2007	10.5	n/a	ND	
MW-AR	d	Parathion-ethyl	56-38-2	ug/L	6/25/2007	10.5	n/a	ND	
MW-AR	d	Pentachlorobenzene	608-93-5	ug/L	6/25/2007	10.5	n/a	ND	
MW-AR	d	Pentachloronitrobenzene	82-68-8	ug/L	6/25/2007	10.5	n/a	ND	
MW-AR	d	Pentachlorophenol [2C]	87-86-5	ug/L	6/25/2007	26.3	n/a	ND	
MW-AR	d	Phenacetin	62-44-2	ug/L	6/25/2007	10.5	n/a	ND	
MW-AR	d	Phenanthrene	85-01-8	ug/L	6/25/2007	10.5	n/a	ND	
MW-AR	d	Phenol	108-95-2	ug/L	6/25/2007	10.5	n/a	ND	
MW-AR	d	1,4-Phenylenediamine	106-50-3	ug/L	6/25/2007	52.6	n/a	ND	
MW-AR	d	Pronamide	23950-58-5	ug/L	6/25/2007	10.5	n/a	ND	
MW-AR	d	Pyrene	129-00-0	ug/L	6/25/2007	10.5	n/a	ND	
MW-AR	d	Safrole	94-59-7	ug/L	6/25/2007	10.5	n/a	ND	
MW-AR	d	1,2,4,5-Tetrachlorobenzene	95-94-3	ug/L	6/25/2007	10.5	n/a	ND	
MW-AR	d	2,3,4,6-Tetrachlorophenol	58-90-2	ug/L	6/25/2007	10.5	n/a	ND	
MW-AR	d	o-Toluidine	95-53-4	ug/L	6/25/2007	10.5	n/a	ND	
MW-AR	d	2,4,5-Trichlorophenol	95-95-4	ug/L	6/25/2007	26.3	n/a	ND	
MW-AR	d	2,4,6-Trichlorophenol	88-06-2	ug/L	6/25/2007	10.5	n/a	ND	
MW-AR	d	O,O,O-Triethyl phosphorothioate	126-68-1	ug/L	6/25/2007	10.5	n/a	ND	
MW-AR	d	1,3,5-Trinitrobenzene	99-35-4	ug/L	6/25/2007	10.5	n/a	ND	
MW-AR	d	Acetonitrile	75-05-8	ug/L	6/25/2007	10	n/a	ND	
MW-AR	d	Isobutanol	78-83-1	mg/L	6/25/2007	10	n/a	ND	
MW-AR	d	PCB-1016	12674-11-2	ug/L	6/25/2007	0.8	n/a	ND	
MW-AR	d	PCB-1221	11104-28-2	ug/L	6/25/2007	0.8	n/a	ND	
MW-AR	d	PCB-1232	11141-16-5	ug/L	6/25/2007	0.8	n/a	ND	
MW-AR	d	PCB-1242	53469-21-9	ug/L	6/25/2007	0.8	n/a	ND	
MW-AR	d	PCB-1248	12672-29-6	ug/L	6/25/2007	0.8	n/a	ND	
MW-AR	d	PCB-1254	11097-69-1	ug/L	6/25/2007	0.8	n/a	ND	
MW-AR	d	PCB-1260	11096-82-5	ug/L	6/25/2007	0.8	n/a	ND	
MW-AR	d	PCB-1268	11100-14-4	ug/L	6/25/2007	0.8	n/a	ND	
MW-AR	d	Cyanide	57-12-5	mg/L	6/25/2007	0.01	n/a	ND	
MW-AR	d	Sulfide	18496-25-8	mg/L	6/25/2007	2	n/a	ND	
MW-AR	d	2,4-D [2C]	94-75-7	ug/L	6/25/2007	0.102	n/a	ND	
MW-AR	d	2,4,5-TP [Silvex] [2C]	93-72-1	ug/L	6/25/2007	0.102	n/a	ND	
MW-AR	d	alpha-BHC	319-84-6	ug/L	6/25/2007	0.05	n/a	ND	
MW-AR	d	beta-BHC	319-85-7	ug/L	6/25/2007	0.05	n/a	ND	
MW-AR	d	Dieldrin	60-57-1	ug/L	6/25/2007	0.05	n/a	ND	
MW-AR	d	4,4'-DDE	72-55-9	ug/L	6/25/2007	0.05	n/a	ND	
MW-AR	d	delta-BHC	319-86-8	ug/L	6/25/2007	0.05	n/a	ND	
MW-AR	d	Endrin	72-20-8	ug/L	6/25/2007	0.05	n/a	ND	
MW-AR	d	gamma-BHC [Lindane]	58-89-9	ug/L	6/25/2007	0.05	n/a	ND	

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MW-AR	d	Endosulfan II	33213-65-9	ug/L	6/25/2007	0.05	n/a	ND	
MW-AR	d	Heptachlor	76-44-8	ug/L	6/25/2007	0.05	n/a	ND	
MW-AR	d	4,4'-DDD	72-54-8	ug/L	6/25/2007	0.05	n/a	ND	
MW-AR	d	Aldrin	309-00-2	ug/L	6/25/2007	0.05	n/a	ND	
MW-AR	d	Endosulfan sulfate	1031-07-8	ug/L	6/25/2007	0.05	n/a	ND	
MW-AR	d	Heptachlor epoxide	1024-57-3	ug/L	6/25/2007	0.05	n/a	ND	
MW-AR	d	4,4'-DDT	50-29-3	ug/L	6/25/2007	0.05	n/a	ND	
MW-AR	d	Endosulfan I	959-98-8	ug/L	6/25/2007	0.05	n/a	ND	
MW-AR	d	Methoxychlor	72-43-5	ug/L	6/25/2007	0.05	n/a	ND	
MW-AR	d	alpha-Chlordane	5103-71-9	ug/L	6/25/2007	0.05	n/a	ND	
MW-AR	d	gamma-Chlordane	5566-34-7	ug/L	6/25/2007	0.05	n/a	ND	
MW-AR	d	Toxaphene	8001-35-2	ug/L	6/25/2007	5	n/a	ND	
MW-AR	d	Endrin aldehyde	7421-93-4	ug/L	6/25/2007	0.05	n/a	ND	
MW-AR	d	Endrin ketone	53494-70-5	ug/L	6/25/2007	0.05	n/a	ND	
MW-AR	d	Chlordane	57-74-9	ug/L	6/25/2007	3	n/a	ND	
GU-3	d	Antimony	7440-36-0	mg/L	7/10/2007	0.006	n/a	ND	
GU-3	d	Arsenic	7440-38-2	mg/L	7/10/2007	n/a	n/a		0.00241
GU-3	d	Barium	7440-39-3	mg/L	7/10/2007	n/a	n/a		0.181
GU-3	d	Beryllium	7440-41-7	mg/L	7/10/2007	0.001	n/a	ND	
GU-3	d	Cadmium	7440-43-9	mg/L	7/10/2007	0.0005	n/a	ND	
GU-3	d	Chromium	7440-47-3	mg/L	7/10/2007	0.02	n/a	ND	
GU-3	d	Cobalt	7440-48-4	mg/L	7/10/2007	0.02	n/a	ND	
GU-3	d	Copper	7440-50-8	mg/L	7/10/2007	0.02	n/a	ND	
GU-3	d	Lead	7439-92-1	mg/L	7/10/2007	0.004	n/a	ND	
GU-3	d	Nickel	7440-02-0	mg/L	7/10/2007	0.05	n/a	ND	
GU-3	d	Selenium	7782-49-2	mg/L	7/10/2007	0.005	n/a	ND	
GU-3	d	Silver	7440-22-4	mg/L	7/10/2007	0.02	n/a	ND	
GU-3	d	Thallium	7440-28-0	mg/L	7/10/2007	0.002	n/a	ND	
GU-3	d	Vanadium	7440-62-2	mg/L	7/10/2007	0.05	n/a	ND	
GU-3	d	Zinc	7440-66-6	mg/L	7/10/2007	n/a	n/a		0.028
GU-3	d	Mercury	7439-97-6	mg/L	7/10/2007	0.0002	n/a	ND	
GU-3	d	Tin	7440-31-5	mg/L	7/10/2007	0.1	n/a	ND	
GU-3	d	Acetone	67-64-1	ug/L	7/10/2007	10	n/a	ND	
GU-3	d	Acrylonitrile	107-13-1	ug/L	7/10/2007	10	n/a	ND	
GU-3	d	Benzene	71-43-2	ug/L	7/10/2007	0.5	n/a	ND	
GU-3	d	Bromochloromethane	74-97-5	ug/L	7/10/2007	5	n/a	ND	
GU-3	d	Bromodichloromethane	75-27-4	ug/L	7/10/2007	1	n/a	ND	
GU-3	d	Bromoform	75-25-2	ug/L	7/10/2007	5	n/a	ND	
GU-3	d	Carbon disulfide	75-15-0	ug/L	7/10/2007	1	n/a	ND	
GU-3	d	Carbon Tetrachloride	56-23-5	ug/L	7/10/2007	2	n/a	ND	
GU-3	d	Chlorobenzene	108-90-7	ug/L	7/10/2007	1	n/a	ND	
GU-3	d	Chloroethane	75-00-3	ug/L	7/10/2007	4	n/a	ND	
GU-3	d	Chloroform	67-66-3	ug/L	7/10/2007	1	n/a	ND	
GU-3	d	Chlorodibromomethane	124-48-1	ug/L	7/10/2007	5	n/a	ND	
GU-3	d	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	7/10/2007	10	n/a	ND	
GU-3	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	7/10/2007	10	n/a	ND	
GU-3	d	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	7/10/2007	10	n/a	ND	
GU-3	d	1,1-Dichloroethane	75-34-3	ug/L	7/10/2007	1	n/a	ND	
GU-3	d	1,2-Dichloroethane	107-06-2	ug/L	7/10/2007	1	n/a	ND	
GU-3	d	1,1-Dichloroethene	75-35-4	ug/L	7/10/2007	2	n/a	ND	
GU-3	d	cis-1,2-Dichloroethene	156-59-2	ug/L	7/10/2007	1	n/a	ND	
GU-3	d	trans-1,2-Dichloroethene	156-60-5	ug/L	7/10/2007	1	n/a	ND	
GU-3	d	1,2-Dichloropropane	78-87-5	ug/L	7/10/2007	1	n/a	ND	
GU-3	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	7/10/2007	5	n/a	ND	
GU-3	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	7/10/2007	5	n/a	ND	
GU-3	d	1,2-Dichlorobenzene	95-50-1	ug/L	7/10/2007	5.5	n/a	ND	
GU-3	d	1,4-Dichlorobenzene	106-46-7	ug/L	7/10/2007	5.5	n/a	ND	
GU-3	d	Ethylbenzene	100-41-4	ug/L	7/10/2007	1	n/a	ND	
GU-3	d	2-Hexanone	591-78-6	ug/L	7/10/2007	10	n/a	ND	
GU-3	d	Bromomethane	74-83-9	ug/L	7/10/2007	4	n/a	ND	
GU-3	d	Chloromethane	74-87-3	ug/L	7/10/2007	3	n/a	ND	
GU-3	d	2-Butanone	78-93-3	ug/L	7/10/2007	10	n/a	ND	
GU-3	d	Iodomethane	74-88-4	ug/L	7/10/2007	10	n/a	ND	
GU-3	d	4-Methyl-2-pentanone	108-10-1	ug/L	7/10/2007	10	n/a	ND	
GU-3	d	Methylene Bromide	74-95-3	ug/L	7/10/2007	1	n/a	ND	
GU-3	d	Methylene Chloride	75-09-2	ug/L	7/10/2007	5	n/a	ND	
GU-3	d	Styrene	100-42-5	ug/L	7/10/2007	1	n/a	ND	
GU-3	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	7/10/2007	1	n/a	ND	
GU-3	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	7/10/2007	1	n/a	ND	
GU-3	d	Tetrachloroethene	127-18-4	ug/L	7/10/2007	1	n/a	ND	
GU-3	d	Toluene	108-88-3	ug/L	7/10/2007	1	n/a	ND	
GU-3	d	1,1,1-Trichloroethane	71-55-6	ug/L	7/10/2007	1	n/a	ND	
GU-3	d	1,1,2-Trichloroethane	79-00-5	ug/L	7/10/2007	1	n/a	ND	
GU-3	d	Trichloroethene	79-01-6	ug/L	7/10/2007	1	n/a	ND	
GU-3	d	Trichlorofluoromethane	75-69-4	ug/L	7/10/2007	4	n/a	ND	

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GU-3	d	1,2,3-Trichloropropane	96-18-4	ug/L	7/10/2007	1	n/a	ND	
GU-3	d	Vinyl acetate	108-05-4	ug/L	7/10/2007	2	n/a	ND	
GU-3	d	Vinyl chloride	75-01-4	ug/L	7/10/2007	1	n/a	ND	
GU-3	d	Xylenes, total	1330-20-7	ug/L	7/10/2007	3	n/a	ND	
GU-3	d	Acrolein	107-02-8	ug/L	7/10/2007	10	n/a	ND	
GU-3	d	3-Chloropropene	107-05-1	ug/L	7/10/2007	2	n/a	ND	
GU-3	d	Chloroprene	126-99-8	ug/L	7/10/2007	1	n/a	ND	
GU-3	d	Dichlorodifluoromethane	75-71-8	ug/L	7/10/2007	3	n/a	ND	
GU-3	d	1,3-Dichloropropane	142-28-9	ug/L	7/10/2007	1	n/a	ND	
GU-3	d	2,2-Dichloropropane	594-20-7	ug/L	7/10/2007	4	n/a	ND	
GU-3	d	1,1-Dichloropropene	563-58-6	ug/L	7/10/2007	1	n/a	ND	
GU-3	d	1,3-Dichlorobenzene	541-73-1	ug/L	7/10/2007	5.5	n/a	ND	
GU-3	d	Ethyl Methacrylate	97-63-2	ug/L	7/10/2007	2	n/a	ND	
GU-3	d	Methacrylonitrile	126-98-7	ug/L	7/10/2007	1	n/a	ND	
GU-3	d	Methyl Methacrylate	80-62-6	ug/L	7/10/2007	2	n/a	ND	
GU-3	d	Naphthalene	91-20-3	ug/L	7/10/2007	7.5	n/a	ND	
GU-3	d	Propionitrile	107-12-0	ug/L	7/10/2007	10	n/a	ND	
GU-3	d	1,2,4-Trichlorobenzene	120-82-1	ug/L	7/10/2007	7.5	n/a	ND	
GU-3	d	Acenaphthene	83-32-9	ug/L	7/10/2007	10	n/a	ND	
GU-3	d	Acenaphthylene	208-96-8	ug/L	7/10/2007	10	n/a	ND	
GU-3	d	Acetophenone	98-86-2	ug/L	7/10/2007	10	n/a	ND	
GU-3	d	2-Acetylaminofluorene	53-96-3	ug/L	7/10/2007	10	n/a	ND	
GU-3	d	4-Aminobiphenyl	92-67-1	ug/L	7/10/2007	10	n/a	ND	
GU-3	d	Anthracene	120-12-7	ug/L	7/10/2007	10	n/a	ND	
GU-3	d	Benzo [a] anthracene	56-55-3	ug/L	7/10/2007	10	n/a	ND	
GU-3	d	Benzo [b] fluoranthene	205-99-2	ug/L	7/10/2007	10	n/a	ND	
GU-3	d	Benzo [k] fluoranthene	207-08-9	ug/L	7/10/2007	10	n/a	ND	
GU-3	d	Benzo [g,h,i] perylene	191-24-2	ug/L	7/10/2007	10	n/a	ND	
GU-3	d	Benzo [a] pyrene	50-32-8	ug/L	7/10/2007	10	n/a	ND	
GU-3	d	Benzyl alcohol	100-51-6	ug/L	7/10/2007	50	n/a	ND	
GU-3	d	Bis[2-chloroethoxy]methane	111-91-1	ug/L	7/10/2007	10	n/a	ND	
GU-3	d	Bis[2-chloroethyl]ether	111-44-4	ug/L	7/10/2007	10	n/a	ND	
GU-3	d	Bis[2-chloroisopropyl]ether	108-60-1	ug/L	7/10/2007	10	n/a	ND	
GU-3	d	Bis[2-ethylhexyl]phthalate	117-81-7	ug/L	7/10/2007	10	n/a	ND	
GU-3	d	4-Bromophenyl phenyl ether	101-55-3	ug/L	7/10/2007	10	n/a	ND	
GU-3	d	Butyl benzyl phthalate	85-68-7	ug/L	7/10/2007	10	n/a	ND	
GU-3	d	4-Chloroaniline	106-47-8	ug/L	7/10/2007	10	n/a	ND	
GU-3	d	Chlorobenzilate	510-15-6	ug/L	7/10/2007	50	n/a	ND	
GU-3	d	4-Chloro-3-methylphenol	59-50-7	ug/L	7/10/2007	10	n/a	ND	
GU-3	d	2-Chloronaphthalene	91-58-7	ug/L	7/10/2007	10	n/a	ND	
GU-3	d	2-Chlorophenol	95-57-8	ug/L	7/10/2007	10	n/a	ND	
GU-3	d	4-Chlorophenyl phenyl ether	7005-72-3	ug/L	7/10/2007	10	n/a	ND	
GU-3	d	Chrysene	218-01-9	ug/L	7/10/2007	10	n/a	ND	
GU-3	d	3/4-Methylphenol	T-34MP	ug/L	7/10/2007	10	n/a	ND	
GU-3	d	2-Methylphenol	95-48-7	ug/L	7/10/2007	10	n/a	ND	
GU-3	d	Diallate [cis or trans]	2303-16-4	ug/L	7/10/2007	50	n/a	ND	
GU-3	d	Dibenz [a,h] anthracene	53-70-3	ug/L	7/10/2007	10	n/a	ND	
GU-3	d	Dibenzofuran	132-64-9	ug/L	7/10/2007	10	n/a	ND	
GU-3	d	Di-n-butyl phthalate	84-74-2	ug/L	7/10/2007	10	n/a	ND	
GU-3	d	3,3-Dichlorobenzidine	91-94-1	ug/L	7/10/2007	10	n/a	ND	
GU-3	d	2,4-Dichlorophenol	120-83-2	ug/L	7/10/2007	10	n/a	ND	
GU-3	d	2,6-Dichlorophenol	87-65-0	ug/L	7/10/2007	20	n/a	ND	
GU-3	d	Diethyl phthalate	84-66-2	ug/L	7/10/2007	10	n/a	ND	
GU-3	d	Thionazin	297-97-2	ug/L	7/10/2007	10	n/a	ND	
GU-3	d	7,12-Dimethylbenz [a] anthracene	57-97-6	ug/L	7/10/2007	10	n/a	ND	
GU-3	d	Dimethoate	60-51-5	ug/L	7/10/2007	10	n/a	ND	
GU-3	d	Dimethylaminoazobenzene	60-11-7	ug/L	7/10/2007	10	n/a	ND	
GU-3	d	3,3-Dimethylbenzidine	119-93-7	ug/L	7/10/2007	50	n/a	ND	
GU-3	d	2,4-Dimethylphenol	105-67-9	ug/L	7/10/2007	10	n/a	ND	
GU-3	d	Dimethyl phthalate	131-11-3	ug/L	7/10/2007	10	n/a	ND	
GU-3	d	1,3-Dinitrobenzene	99-65-0	ug/L	7/10/2007	10	n/a	ND	
GU-3	d	4,6-Dinitro-2-methylphenol	534-52-1	ug/L	7/10/2007	25	n/a	ND	
GU-3	d	2,4-Dinitrophenol	51-28-5	ug/L	7/10/2007	25	n/a	ND	
GU-3	d	2,4-Dinitrotoluene	121-14-2	ug/L	7/10/2007	10	n/a	ND	
GU-3	d	2,6-Dinitrotoluene	606-20-2	ug/L	7/10/2007	10	n/a	ND	
GU-3	d	Di-n-octyl phthalate	117-84-0	ug/L	7/10/2007	10	n/a	ND	
GU-3	d	Diphenylamine	122-39-4	ug/L	7/10/2007	10	n/a	ND	
GU-3	d	Disulfoton	298-04-4	ug/L	7/10/2007	10	n/a	ND	
GU-3	d	Ethyl Methanesulfonate	62-50-0	ug/L	7/10/2007	10	n/a	ND	
GU-3	d	Famphur	52-85-7	ug/L	7/10/2007	10	n/a	ND	
GU-3	d	Fluoranthene	206-44-0	ug/L	7/10/2007	10	n/a	ND	
GU-3	d	Fluorene	86-73-7	ug/L	7/10/2007	10	n/a	ND	
GU-3	d	Hexachlorobenzene	118-74-1	ug/L	7/10/2007	10	n/a	ND	
GU-3	d	Hexachlorobutadiene	87-68-3	ug/L	7/10/2007	10	n/a	ND	
GU-3	d	Hexachlorocyclopentadiene	77-47-4	ug/L	7/10/2007	10	n/a	ND	

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Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
GU-3	d	Hexachloroethane	67-72-1	ug/L	7/10/2007	10	n/a	ND	
GU-3	d	Hexachloropropene	1888-71-7	ug/L	7/10/2007	10	n/a	ND	
GU-3	d	Indeno [1,2,3-cd] pyrene	193-39-5	ug/L	7/10/2007	10	n/a	ND	
GU-3	d	Isodrin	465-73-6	ug/L	7/10/2007	10	n/a	ND	
GU-3	d	Isophorone	78-59-1	ug/L	7/10/2007	10	n/a	ND	
GU-3	d	Isosafrole	120-58-1	ug/L	7/10/2007	50	n/a	ND	
GU-3	d	Kepone	143-50-0	ug/L	7/10/2007	10	n/a	ND	
GU-3	d	Methapyrilene	91-80-5	ug/L	7/10/2007	50	n/a	ND	
GU-3	d	3-Methylcholanthrene	56-49-5	ug/L	7/10/2007	10	n/a	ND	
GU-3	d	Methyl Methanesulfonate	66-27-3	ug/L	7/10/2007	10	n/a	ND	
GU-3	d	2-Methylnaphthalene	91-57-6	ug/L	7/10/2007	10	n/a	ND	
GU-3	d	Parathion-methyl	298-00-0	ug/L	7/10/2007	10	n/a	ND	
GU-3	d	1,4-Naphthoquinone	130-15-4	ug/L	7/10/2007	10	n/a	ND	
GU-3	d	1-Naphthylamine	134-32-7	ug/L	7/10/2007	10	n/a	ND	
GU-3	d	2-Naphthylamine	91-59-8	ug/L	7/10/2007	10	n/a	ND	
GU-3	d	2-Nitroaniline	88-74-4	ug/L	7/10/2007	25	n/a	ND	
GU-3	d	3-Nitroaniline	99-09-2	ug/L	7/10/2007	25	n/a	ND	
GU-3	d	4-Nitroaniline	100-01-6	ug/L	7/10/2007	25	n/a	ND	
GU-3	d	Nitrobenzene	98-95-3	ug/L	7/10/2007	10	n/a	ND	
GU-3	d	2-Nitrophenol	88-75-5	ug/L	7/10/2007	10	n/a	ND	
GU-3	d	4-Nitrophenol	100-02-7	ug/L	7/10/2007	25	n/a	ND	
GU-3	d	N-Nitrosodi-n-butylamine	924-16-3	ug/L	7/10/2007	10	n/a	ND	
GU-3	d	N-Nitrosodiethylamine	55-18-5	ug/L	7/10/2007	10	n/a	ND	
GU-3	d	N-Nitrosodimethylamine	62-75-9	ug/L	7/10/2007	10	n/a	ND	
GU-3	d	N-Nitrosodiphenylamine	86-30-6	ug/L	7/10/2007	10	n/a	ND	
GU-3	d	N-Nitrosodi-n-propylamine	621-64-7	ug/L	7/10/2007	10	n/a	ND	
GU-3	d	N-Nitrosomethylethylamine	10595-95-6	ug/L	7/10/2007	10	n/a	ND	
GU-3	d	N-Nitrosopiperidine	100-75-4	ug/L	7/10/2007	10	n/a	ND	
GU-3	d	N-Nitrosopyrrolidine	930-55-2	ug/L	7/10/2007	10	n/a	ND	
GU-3	d	5-Nitro-o-toluidine	99-55-8	ug/L	7/10/2007	10	n/a	ND	
GU-3	d	Parathion-ethyl	56-38-2	ug/L	7/10/2007	10	n/a	ND	
GU-3	d	Pentachlorobenzene	608-93-5	ug/L	7/10/2007	10	n/a	ND	
GU-3	d	Pentachloronitrobenzene	82-68-8	ug/L	7/10/2007	10	n/a	ND	
GU-3	d	Pentachlorophenol [2C]	87-86-5	ug/L	7/10/2007	25	n/a	ND	
GU-3	d	Phenacetin	62-44-2	ug/L	7/10/2007	10	n/a	ND	
GU-3	d	Phenanthrene	85-01-8	ug/L	7/10/2007	10	n/a	ND	
GU-3	d	Phenol	108-95-2	ug/L	7/10/2007	10	n/a	ND	
GU-3	d	1,4-Phenylenediamine	106-50-3	ug/L	7/10/2007	50	n/a	ND	
GU-3	d	Phorate	298-02-2	ug/L	7/10/2007	10	n/a	ND	
GU-3	d	Pronamide	23950-58-5	ug/L	7/10/2007	10	n/a	ND	
GU-3	d	Pyrene	129-00-0	ug/L	7/10/2007	10	n/a	ND	
GU-3	d	Safrole	94-59-7	ug/L	7/10/2007	10	n/a	ND	
GU-3	d	1,2,4,5-Tetrachlorobenzene	95-94-3	ug/L	7/10/2007	10	n/a	ND	
GU-3	d	2,3,4,6-Tetrachlorophenol	58-90-2	ug/L	7/10/2007	10	n/a	ND	
GU-3	d	o-Toluidine	95-53-4	ug/L	7/10/2007	10	n/a	ND	
GU-3	d	2,4,5-Trichlorophenol	95-95-4	ug/L	7/10/2007	25	n/a	ND	
GU-3	d	2,4,6-Trichlorophenol	88-06-2	ug/L	7/10/2007	10	n/a	ND	
GU-3	d	O,O,O-Triethyl phosphorothioate	126-68-1	ug/L	7/10/2007	10	n/a	ND	
GU-3	d	1,3,5-Trinitrobenzene	99-35-4	ug/L	7/10/2007	10	n/a	ND	
GU-3	d	Pentachloroethane	76-01-7	ug/L	7/10/2007	10	n/a	ND	
GU-3	d	Dinoseb	88-85-7	ug/L	7/10/2007	0.1	n/a	ND	
GU-3	d	Acetonitrile	75-05-8	ug/L	7/10/2007	10	n/a	ND	
GU-3	d	Isobutanol	78-83-1	mg/L	7/10/2007	10	n/a	ND	
GU-3	d	PCB-1016	12674-11-2	ug/L	7/10/2007	0.8	n/a	ND	
GU-3	d	PCB-1221	11104-28-2	ug/L	7/10/2007	0.8	n/a	ND	
GU-3	d	PCB-1232	11141-16-5	ug/L	7/10/2007	0.8	n/a	ND	
GU-3	d	PCB-1242	53469-21-9	ug/L	7/10/2007	0.8	n/a	ND	
GU-3	d	PCB-1248	12672-29-6	ug/L	7/10/2007	0.8	n/a	ND	
GU-3	d	PCB-1254	11097-69-1	ug/L	7/10/2007	0.8	n/a	ND	
GU-3	d	PCB-1260	11096-82-5	ug/L	7/10/2007	0.8	n/a	ND	
GU-3	d	PCB-1268	11100-14-4	ug/L	7/10/2007	0.8	n/a	ND	
GU-3	d	Cyanide	57-12-5	mg/L	7/10/2007	0.01	n/a	ND	
GU-3	d	Sulfide	18496-25-8	mg/L	7/10/2007	2	n/a	ND	
GU-3	d	2,4-D [2C]	94-75-7	ug/L	7/10/2007	0.1	n/a	ND	
GU-3	d	2,4,5-TP [Silvex] [2C]	93-72-1	ug/L	7/10/2007	0.1	n/a	ND	
GU-3	d	2,4,5-T [2C]	93-76-5	ug/L	7/10/2007	0.1	n/a	ND	
GU-3	d	alpha-BHC	319-84-6	ug/L	7/10/2007	0.05	n/a	ND	
GU-3	d	beta-BHC	319-85-7	ug/L	7/10/2007	0.05	n/a	ND	
GU-3	d	Dieldrin	60-57-1	ug/L	7/10/2007	0.05	n/a	ND	
GU-3	d	4,4'-DDE	72-55-9	ug/L	7/10/2007	0.05	n/a	ND	
GU-3	d	delta-BHC	319-86-8	ug/L	7/10/2007	0.05	n/a	ND	
GU-3	d	Endrin	72-20-8	ug/L	7/10/2007	0.05	n/a	ND	
GU-3	d	gamma-BHC [Lindane]	58-89-9	ug/L	7/10/2007	0.05	n/a	ND	
GU-3	d	Endosulfan II	33213-65-9	ug/L	7/10/2007	0.05	n/a	ND	
GU-3	d	Heptachlor	76-44-8	ug/L	7/10/2007	0.05	n/a	ND	

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Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
GU-3	d	4,4'-DDD	72-54-8	ug/L	7/10/2007	0.05	n/a	ND	
GU-3	d	Aldrin	309-00-2	ug/L	7/10/2007	0.05	n/a	ND	
GU-3	d	Endosulfan sulfate	1031-07-8	ug/L	7/10/2007	0.05	n/a	ND	
GU-3	d	Heptachlor epoxide	1024-57-3	ug/L	7/10/2007	0.05	n/a	ND	
GU-3	d	4,4'-DDT	50-29-3	ug/L	7/10/2007	0.05	n/a	ND	
GU-3	d	Endosulfan I	959-98-8	ug/L	7/10/2007	0.05	n/a	ND	
GU-3	d	Methoxychlor	72-43-5	ug/L	7/10/2007	0.05	n/a	ND	
GU-3	d	Toxaphene	8001-35-2	ug/L	7/10/2007	5	n/a	ND	
GU-3	d	Endrin aldehyde	7421-93-4	ug/L	7/10/2007	0.05	n/a	ND	
GU-3	d	Chlordane	57-74-9	ug/L	7/10/2007	3	n/a	ND	
GU-3BG	u	Antimony	7440-36-0	mg/L	7/10/2007	0.006	n/a	ND	
GU-3BG	u	Arsenic	7440-38-2	mg/L	7/10/2007	n/a	n/a		0.00241
GU-3BG	u	Barium	7440-39-3	mg/L	7/10/2007	n/a	n/a		0.181
GU-3BG	u	Beryllium	7440-41-7	mg/L	7/10/2007	0.001	n/a	ND	
GU-3BG	u	Cadmium	7440-43-9	mg/L	7/10/2007	0.0005	n/a	ND	
GU-3BG	u	Chromium	7440-47-3	mg/L	7/10/2007	0.02	n/a	ND	
GU-3BG	u	Cobalt	7440-48-4	mg/L	7/10/2007	0.02	n/a	ND	
GU-3BG	u	Copper	7440-50-8	mg/L	7/10/2007	0.02	n/a	ND	
GU-3BG	u	Lead	7439-92-1	mg/L	7/10/2007	0.004	n/a	ND	
GU-3BG	u	Nickel	7440-02-0	mg/L	7/10/2007	0.05	n/a	ND	
GU-3BG	u	Selenium	7782-49-2	mg/L	7/10/2007	0.005	n/a	ND	
GU-3BG	u	Silver	7440-22-4	mg/L	7/10/2007	0.02	n/a	ND	
GU-3BG	u	Thallium	7440-28-0	mg/L	7/10/2007	0.002	n/a	ND	
GU-3BG	u	Vanadium	7440-62-2	mg/L	7/10/2007	0.05	n/a	ND	
GU-3BG	u	Zinc	7440-66-6	mg/L	7/10/2007	n/a	n/a		0.028
GU-3BG	u	Mercury	7439-97-6	mg/L	7/10/2007	0.0002	n/a	ND	
GU-3BG	u	Tin	7440-31-5	mg/L	7/10/2007	0.1	n/a	ND	
GU-3BG	u	Acetone	67-64-1	ug/L	7/10/2007	10	n/a	ND	
GU-3BG	u	Acrylonitrile	107-13-1	ug/L	7/10/2007	10	n/a	ND	
GU-3BG	u	Benzene	71-43-2	ug/L	7/10/2007	0.5	n/a	ND	
GU-3BG	u	Bromochloromethane	74-97-5	ug/L	7/10/2007	5	n/a	ND	
GU-3BG	u	Bromodichloromethane	75-27-4	ug/L	7/10/2007	1	n/a	ND	
GU-3BG	u	Bromoform	75-25-2	ug/L	7/10/2007	5	n/a	ND	
GU-3BG	u	Carbon disulfide	75-15-0	ug/L	7/10/2007	1	n/a	ND	
GU-3BG	u	Carbon Tetrachloride	56-23-5	ug/L	7/10/2007	2	n/a	ND	
GU-3BG	u	Chlorobenzene	108-90-7	ug/L	7/10/2007	1	n/a	ND	
GU-3BG	u	Chloroethane	75-00-3	ug/L	7/10/2007	4	n/a	ND	
GU-3BG	u	Chloroform	67-66-3	ug/L	7/10/2007	1	n/a	ND	
GU-3BG	u	Chlorodibromomethane	124-48-1	ug/L	7/10/2007	5	n/a	ND	
GU-3BG	u	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	7/10/2007	10	n/a	ND	
GU-3BG	u	1,2-Dibromoethane [EDB]	106-93-4	ug/L	7/10/2007	10	n/a	ND	
GU-3BG	u	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	7/10/2007	10	n/a	ND	
GU-3BG	u	1,1-Dichloroethane	75-34-3	ug/L	7/10/2007	1	n/a	ND	
GU-3BG	u	1,2-Dichloroethane	107-06-2	ug/L	7/10/2007	1	n/a	ND	
GU-3BG	u	1,1-Dichloroethene	75-35-4	ug/L	7/10/2007	2	n/a	ND	
GU-3BG	u	cis-1,2-Dichloroethene	156-59-2	ug/L	7/10/2007	1	n/a	ND	
GU-3BG	u	trans-1,2-Dichloroethene	156-60-5	ug/L	7/10/2007	1	n/a	ND	
GU-3BG	u	1,2-Dichloropropane	78-87-5	ug/L	7/10/2007	1	n/a	ND	
GU-3BG	u	cis-1,3-Dichloropropene	10061-01-5	ug/L	7/10/2007	5	n/a	ND	
GU-3BG	u	trans-1,3-Dichloropropene	10061-02-6	ug/L	7/10/2007	5	n/a	ND	
GU-3BG	u	1,2-Dichlorobenzene	95-50-1	ug/L	7/10/2007	5.5	n/a	ND	
GU-3BG	u	1,4-Dichlorobenzene	106-46-7	ug/L	7/10/2007	5.5	n/a	ND	
GU-3BG	u	Ethylbenzene	100-41-4	ug/L	7/10/2007	1	n/a	ND	
GU-3BG	u	2-Hexanone	591-78-6	ug/L	7/10/2007	10	n/a	ND	
GU-3BG	u	Bromomethane	74-83-9	ug/L	7/10/2007	4	n/a	ND	
GU-3BG	u	Chloromethane	74-87-3	ug/L	7/10/2007	3	n/a	ND	
GU-3BG	u	2-Butanone	78-93-3	ug/L	7/10/2007	10	n/a	ND	
GU-3BG	u	Iodomethane	74-88-4	ug/L	7/10/2007	10	n/a	ND	
GU-3BG	u	4-Methyl-2-pentanone	108-10-1	ug/L	7/10/2007	10	n/a	ND	
GU-3BG	u	Methylene Bromide	74-95-3	ug/L	7/10/2007	1	n/a	ND	
GU-3BG	u	Methylene Chloride	75-09-2	ug/L	7/10/2007	5	n/a	ND	
GU-3BG	u	Styrene	100-42-5	ug/L	7/10/2007	1	n/a	ND	
GU-3BG	u	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	7/10/2007	1	n/a	ND	
GU-3BG	u	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	7/10/2007	1	n/a	ND	
GU-3BG	u	Tetrachloroethene	127-18-4	ug/L	7/10/2007	1	n/a	ND	
GU-3BG	u	Toluene	108-88-3	ug/L	7/10/2007	1	n/a	ND	
GU-3BG	u	1,1,1-Trichloroethane	71-55-6	ug/L	7/10/2007	1	n/a	ND	
GU-3BG	u	1,1,2-Trichloroethane	79-00-5	ug/L	7/10/2007	1	n/a	ND	
GU-3BG	u	Trichloroethene	79-01-6	ug/L	7/10/2007	1	n/a	ND	
GU-3BG	u	Trichlorofluoromethane	75-69-4	ug/L	7/10/2007	4	n/a	ND	
GU-3BG	u	1,2,3-Trichloropropane	96-18-4	ug/L	7/10/2007	1	n/a	ND	
GU-3BG	u	Vinyl acetate	108-05-4	ug/L	7/10/2007	2	n/a	ND	
GU-3BG	u	Vinyl chloride	75-01-4	ug/L	7/10/2007	1	n/a	ND	
GU-3BG	u	Xylenes, total	1330-20-7	ug/L	7/10/2007	3	n/a	ND	
GU-3BG	u	Acrolein	107-02-8	ug/L	7/10/2007	10	n/a	ND	

Table 9A
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Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
GU-3BG	u	3-Chloropropene	107-05-1	ug/L	7/10/2007	2	n/a	ND	
GU-3BG	u	Chloroprene	126-99-8	ug/L	7/10/2007	1	n/a	ND	
GU-3BG	u	Dichlorodifluoromethane	75-71-8	ug/L	7/10/2007	3	n/a	ND	
GU-3BG	u	1,3-Dichloropropane	142-28-9	ug/L	7/10/2007	1	n/a	ND	
GU-3BG	u	2,2-Dichloropropane	594-20-7	ug/L	7/10/2007	4	n/a	ND	
GU-3BG	u	1,1-Dichloropropene	563-58-6	ug/L	7/10/2007	1	n/a	ND	
GU-3BG	u	1,3-Dichlorobenzene	541-73-1	ug/L	7/10/2007	5.5	n/a	ND	
GU-3BG	u	Ethyl Methacrylate	97-63-2	ug/L	7/10/2007	2	n/a	ND	
GU-3BG	u	Methacrylonitrile	126-98-7	ug/L	7/10/2007	1	n/a	ND	
GU-3BG	u	Methyl Methacrylate	80-62-6	ug/L	7/10/2007	2	n/a	ND	
GU-3BG	u	Naphthalene	91-20-3	ug/L	7/10/2007	7.5	n/a	ND	
GU-3BG	u	Propionitrile	107-12-0	ug/L	7/10/2007	10	n/a	ND	
GU-3BG	u	1,2,4-Trichlorobenzene	120-82-1	ug/L	7/10/2007	7.5	n/a	ND	
GU-3BG	u	Acenaphthene	83-32-9	ug/L	7/10/2007	10	n/a	ND	
GU-3BG	u	Acenaphthylene	208-96-8	ug/L	7/10/2007	10	n/a	ND	
GU-3BG	u	Acetophenone	98-86-2	ug/L	7/10/2007	10	n/a	ND	
GU-3BG	u	2-Acetylaminofluorene	53-96-3	ug/L	7/10/2007	10	n/a	ND	
GU-3BG	u	4-Aminobiphenyl	92-67-1	ug/L	7/10/2007	10	n/a	ND	
GU-3BG	u	Anthracene	120-12-7	ug/L	7/10/2007	10	n/a	ND	
GU-3BG	u	Benzo [a] anthracene	56-55-3	ug/L	7/10/2007	10	n/a	ND	
GU-3BG	u	Benzo [b] fluoranthene	205-99-2	ug/L	7/10/2007	10	n/a	ND	
GU-3BG	u	Benzo [k] fluoranthene	207-08-9	ug/L	7/10/2007	10	n/a	ND	
GU-3BG	u	Benzo [g,h,i] perylene	191-24-2	ug/L	7/10/2007	10	n/a	ND	
GU-3BG	u	Benzo [a] pyrene	50-32-8	ug/L	7/10/2007	10	n/a	ND	
GU-3BG	u	Benzyl alcohol	100-51-6	ug/L	7/10/2007	50	n/a	ND	
GU-3BG	u	Bis[2-chloroethoxy]methane	111-91-1	ug/L	7/10/2007	10	n/a	ND	
GU-3BG	u	Bis[2-chloroethyl]ether	111-44-4	ug/L	7/10/2007	10	n/a	ND	
GU-3BG	u	Bis[2-chloroisopropyl]ether	108-60-1	ug/L	7/10/2007	10	n/a	ND	
GU-3BG	u	Bis[2-ethylhexyl]phthalate	117-81-7	ug/L	7/10/2007	10	n/a	ND	
GU-3BG	u	4-Bromophenyl phenyl ether	101-55-3	ug/L	7/10/2007	10	n/a	ND	
GU-3BG	u	Butyl benzyl phthalate	85-68-7	ug/L	7/10/2007	10	n/a	ND	
GU-3BG	u	4-Chloroaniline	106-47-8	ug/L	7/10/2007	10	n/a	ND	
GU-3BG	u	Chlorobenzilate	510-15-6	ug/L	7/10/2007	50	n/a	ND	
GU-3BG	u	4-Chloro-3-methylphenol	59-50-7	ug/L	7/10/2007	10	n/a	ND	
GU-3BG	u	2-Chloronaphthalene	91-58-7	ug/L	7/10/2007	10	n/a	ND	
GU-3BG	u	2-Chlorophenol	95-57-8	ug/L	7/10/2007	10	n/a	ND	
GU-3BG	u	4-Chlorophenyl phenyl ether	7005-72-3	ug/L	7/10/2007	10	n/a	ND	
GU-3BG	u	Chrysene	218-01-9	ug/L	7/10/2007	10	n/a	ND	
GU-3BG	u	3/4-Methylphenol	T-34MP	ug/L	7/10/2007	10	n/a	ND	
GU-3BG	u	2-Methylphenol	95-48-7	ug/L	7/10/2007	10	n/a	ND	
GU-3BG	u	Diallate [cis or trans]	2303-16-4	ug/L	7/10/2007	50	n/a	ND	
GU-3BG	u	Dibenz [a,h] anthracene	53-70-3	ug/L	7/10/2007	10	n/a	ND	
GU-3BG	u	Dibenzofuran	132-64-9	ug/L	7/10/2007	10	n/a	ND	
GU-3BG	u	Di-n-butyl phthalate	84-74-2	ug/L	7/10/2007	10	n/a	ND	
GU-3BG	u	3,3-Dichlorobenzidine	91-94-1	ug/L	7/10/2007	10	n/a	ND	
GU-3BG	u	2,4-Dichlorophenol	120-83-2	ug/L	7/10/2007	10	n/a	ND	
GU-3BG	u	2,6-Dichlorophenol	87-65-0	ug/L	7/10/2007	20	n/a	ND	
GU-3BG	u	Diethyl phthalate	84-66-2	ug/L	7/10/2007	10	n/a	ND	
GU-3BG	u	Thionazin	297-97-2	ug/L	7/10/2007	10	n/a	ND	
GU-3BG	u	7,12-Dimethylbenz [a] anthracene	57-97-6	ug/L	7/10/2007	10	n/a	ND	
GU-3BG	u	Dimethoate	60-51-5	ug/L	7/10/2007	10	n/a	ND	
GU-3BG	u	Dimethylaminoazobenzene	60-11-7	ug/L	7/10/2007	10	n/a	ND	
GU-3BG	u	3,3-Dimethylbenzidine	119-93-7	ug/L	7/10/2007	50	n/a	ND	
GU-3BG	u	2,4-Dimethylphenol	105-67-9	ug/L	7/10/2007	10	n/a	ND	
GU-3BG	u	Dimethyl phthalate	131-11-3	ug/L	7/10/2007	10	n/a	ND	
GU-3BG	u	1,3-Dinitrobenzene	99-65-0	ug/L	7/10/2007	10	n/a	ND	
GU-3BG	u	4,6-Dinitro-2-methylphenol	534-52-1	ug/L	7/10/2007	25	n/a	ND	
GU-3BG	u	2,4-Dinitrophenol	51-28-5	ug/L	7/10/2007	25	n/a	ND	
GU-3BG	u	2,4-Dinitrotoluene	121-14-2	ug/L	7/10/2007	10	n/a	ND	
GU-3BG	u	2,6-Dinitrotoluene	606-20-2	ug/L	7/10/2007	10	n/a	ND	
GU-3BG	u	Di-n-octyl phthalate	117-84-0	ug/L	7/10/2007	10	n/a	ND	
GU-3BG	u	Diphenylamine	122-39-4	ug/L	7/10/2007	10	n/a	ND	
GU-3BG	u	Disulfoton	298-04-4	ug/L	7/10/2007	10	n/a	ND	
GU-3BG	u	Ethyl Methanesulfonate	62-50-0	ug/L	7/10/2007	10	n/a	ND	
GU-3BG	u	Famphur	52-85-7	ug/L	7/10/2007	10	n/a	ND	
GU-3BG	u	Fluoranthene	206-44-0	ug/L	7/10/2007	10	n/a	ND	
GU-3BG	u	Fluorene	86-73-7	ug/L	7/10/2007	10	n/a	ND	
GU-3BG	u	Hexachlorobenzene	118-74-1	ug/L	7/10/2007	10	n/a	ND	
GU-3BG	u	Hexachlorobutadiene	87-68-3	ug/L	7/10/2007	10	n/a	ND	
GU-3BG	u	Hexachlorocyclopentadiene	77-47-4	ug/L	7/10/2007	10	n/a	ND	
GU-3BG	u	Hexachloroethane	67-72-1	ug/L	7/10/2007	10	n/a	ND	
GU-3BG	u	Hexachloropropene	1888-71-7	ug/L	7/10/2007	10	n/a	ND	
GU-3BG	u	Indeno [1,2,3-cd] pyrene	193-39-5	ug/L	7/10/2007	10	n/a	ND	
GU-3BG	u	Isodrin	465-73-6	ug/L	7/10/2007	10	n/a	ND	
GU-3BG	u	Isophorone	78-59-1	ug/L	7/10/2007	10	n/a	ND	

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GU-3BG	u	Isosafrole	120-58-1	ug/L	7/10/2007	50	n/a	ND	
GU-3BG	u	Kepone	143-50-0	ug/L	7/10/2007	10	n/a	ND	
GU-3BG	u	Methapyrilene	91-80-5	ug/L	7/10/2007	50	n/a	ND	
GU-3BG	u	3-Methylcholanthrene	56-49-5	ug/L	7/10/2007	10	n/a	ND	
GU-3BG	u	Methyl Methanesulfonate	66-27-3	ug/L	7/10/2007	10	n/a	ND	
GU-3BG	u	2-Methylnaphthalene	91-57-6	ug/L	7/10/2007	10	n/a	ND	
GU-3BG	u	Parathion-methyl	298-00-0	ug/L	7/10/2007	10	n/a	ND	
GU-3BG	u	1,4-Naphthoquinone	130-15-4	ug/L	7/10/2007	10	n/a	ND	
GU-3BG	u	1-Naphthylamine	134-32-7	ug/L	7/10/2007	10	n/a	ND	
GU-3BG	u	2-Naphthylamine	91-59-8	ug/L	7/10/2007	10	n/a	ND	
GU-3BG	u	2-Nitroaniline	88-74-4	ug/L	7/10/2007	25	n/a	ND	
GU-3BG	u	3-Nitroaniline	99-09-2	ug/L	7/10/2007	25	n/a	ND	
GU-3BG	u	4-Nitroaniline	100-01-6	ug/L	7/10/2007	25	n/a	ND	
GU-3BG	u	Nitrobenzene	98-95-3	ug/L	7/10/2007	10	n/a	ND	
GU-3BG	u	2-Nitrophenol	88-75-5	ug/L	7/10/2007	10	n/a	ND	
GU-3BG	u	4-Nitrophenol	100-02-7	ug/L	7/10/2007	25	n/a	ND	
GU-3BG	u	N-Nitrosodi-n-butylamine	924-16-3	ug/L	7/10/2007	10	n/a	ND	
GU-3BG	u	N-Nitrosodiethylamine	55-18-5	ug/L	7/10/2007	10	n/a	ND	
GU-3BG	u	N-Nitrosodimethylamine	62-75-9	ug/L	7/10/2007	10	n/a	ND	
GU-3BG	u	N-Nitrosodiphenylamine	86-30-6	ug/L	7/10/2007	10	n/a	ND	
GU-3BG	u	N-Nitrosodi-n-propylamine	621-64-7	ug/L	7/10/2007	10	n/a	ND	
GU-3BG	u	N-Nitrosomethylethylamine	10595-95-6	ug/L	7/10/2007	10	n/a	ND	
GU-3BG	u	N-Nitrosopiperidine	100-75-4	ug/L	7/10/2007	10	n/a	ND	
GU-3BG	u	N-Nitrosopyrrolidine	930-55-2	ug/L	7/10/2007	10	n/a	ND	
GU-3BG	u	5-Nitro-o-toluidine	99-55-8	ug/L	7/10/2007	10	n/a	ND	
GU-3BG	u	Parathion-ethyl	56-38-2	ug/L	7/10/2007	10	n/a	ND	
GU-3BG	u	Pentachlorobenzene	608-93-5	ug/L	7/10/2007	10	n/a	ND	
GU-3BG	u	Pentachloronitrobenzene	82-68-8	ug/L	7/10/2007	10	n/a	ND	
GU-3BG	u	Pentachlorophenol [2C]	87-86-5	ug/L	7/10/2007	25	n/a	ND	
GU-3BG	u	Phenacetin	62-44-2	ug/L	7/10/2007	10	n/a	ND	
GU-3BG	u	Phenanthrene	85-01-8	ug/L	7/10/2007	10	n/a	ND	
GU-3BG	u	Phenol	108-95-2	ug/L	7/10/2007	10	n/a	ND	
GU-3BG	u	1,4-Phenylenediamine	106-50-3	ug/L	7/10/2007	50	n/a	ND	
GU-3BG	u	Phorate	298-02-2	ug/L	7/10/2007	10	n/a	ND	
GU-3BG	u	Pronamide	23950-58-5	ug/L	7/10/2007	10	n/a	ND	
GU-3BG	u	Pyrene	129-00-0	ug/L	7/10/2007	10	n/a	ND	
GU-3BG	u	Safrole	94-59-7	ug/L	7/10/2007	10	n/a	ND	
GU-3BG	u	1,2,4,5-Tetrachlorobenzene	95-94-3	ug/L	7/10/2007	10	n/a	ND	
GU-3BG	u	2,3,4,6-Tetrachlorophenol	58-90-2	ug/L	7/10/2007	10	n/a	ND	
GU-3BG	u	o-Toluidine	95-53-4	ug/L	7/10/2007	10	n/a	ND	
GU-3BG	u	2,4,5-Trichlorophenol	95-95-4	ug/L	7/10/2007	25	n/a	ND	
GU-3BG	u	2,4,6-Trichlorophenol	88-06-2	ug/L	7/10/2007	10	n/a	ND	
GU-3BG	u	O,O,O-Triethyl phosphorothioate	126-68-1	ug/L	7/10/2007	10	n/a	ND	
GU-3BG	u	1,3,5-Trinitrobenzene	99-35-4	ug/L	7/10/2007	10	n/a	ND	
GU-3BG	u	Pentachloroethane	76-01-7	ug/L	7/10/2007	10	n/a	ND	
GU-3BG	u	Dinoseb	88-85-7	ug/L	7/10/2007	0.1	n/a	ND	
GU-3BG	u	Acetonitrile	75-05-8	ug/L	7/10/2007	10	n/a	ND	
GU-3BG	u	Isobutanol	78-83-1	mg/L	7/10/2007	10	n/a	ND	
GU-3BG	u	PCB-1016	12674-11-2	ug/L	7/10/2007	0.8	n/a	ND	
GU-3BG	u	PCB-1221	11104-28-2	ug/L	7/10/2007	0.8	n/a	ND	
GU-3BG	u	PCB-1232	11141-16-5	ug/L	7/10/2007	0.8	n/a	ND	
GU-3BG	u	PCB-1242	53469-21-9	ug/L	7/10/2007	0.8	n/a	ND	
GU-3BG	u	PCB-1248	12672-29-6	ug/L	7/10/2007	0.8	n/a	ND	
GU-3BG	u	PCB-1254	11097-69-1	ug/L	7/10/2007	0.8	n/a	ND	
GU-3BG	u	PCB-1260	11096-82-5	ug/L	7/10/2007	0.8	n/a	ND	
GU-3BG	u	PCB-1268	11100-14-4	ug/L	7/10/2007	0.8	n/a	ND	
GU-3BG	u	Cyanide	57-12-5	mg/L	7/10/2007	0.01	n/a	ND	
GU-3BG	u	Sulfide	18496-25-8	mg/L	7/10/2007	2	n/a	ND	
GU-3BG	u	2,4-D [2C]	94-75-7	ug/L	7/10/2007	0.1	n/a	ND	
GU-3BG	u	2,4,5-TP [Silvex] [2C]	93-72-1	ug/L	7/10/2007	0.1	n/a	ND	
GU-3BG	u	2,4,5-T [2C]	93-76-5	ug/L	7/10/2007	0.1	n/a	ND	
GU-3BG	u	alpha-BHC	319-84-6	ug/L	7/10/2007	0.05	n/a	ND	
GU-3BG	u	beta-BHC	319-85-7	ug/L	7/10/2007	0.05	n/a	ND	
GU-3BG	u	Dieldrin	60-57-1	ug/L	7/10/2007	0.05	n/a	ND	
GU-3BG	u	4,4'-DDE	72-55-9	ug/L	7/10/2007	0.05	n/a	ND	
GU-3BG	u	delta-BHC	319-86-8	ug/L	7/10/2007	0.05	n/a	ND	
GU-3BG	u	Endrin	72-20-8	ug/L	7/10/2007	0.05	n/a	ND	
GU-3BG	u	gamma-BHC [Lindane]	58-89-9	ug/L	7/10/2007	0.05	n/a	ND	
GU-3BG	u	Endosulfan II	33213-65-9	ug/L	7/10/2007	0.05	n/a	ND	
GU-3BG	u	Heptachlor	76-44-8	ug/L	7/10/2007	0.05	n/a	ND	
GU-3BG	u	4,4'-DDD	72-54-8	ug/L	7/10/2007	0.05	n/a	ND	
GU-3BG	u	Aldrin	309-00-2	ug/L	7/10/2007	0.05	n/a	ND	
GU-3BG	u	Endosulfan sulfate	1031-07-8	ug/L	7/10/2007	0.05	n/a	ND	
GU-3BG	u	Heptachlor epoxide	1024-57-3	ug/L	7/10/2007	0.05	n/a	ND	
GU-3BG	u	4,4'-DDT	50-29-3	ug/L	7/10/2007	0.05	n/a	ND	

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GU-3BG	u	Endosulfan I	959-98-8	ug/L	7/10/2007	0.05	n/a	ND	
GU-3BG	u	Methoxychlor	72-43-5	ug/L	7/10/2007	0.05	n/a	ND	
GU-3BG	u	Toxaphene	8001-35-2	ug/L	7/10/2007	5	n/a	ND	
GU-3BG	u	Endrin aldehyde	7421-93-4	ug/L	7/10/2007	0.05	n/a	ND	
GU-3BG	u	Chlordane	57-74-9	ug/L	7/10/2007	3	n/a	ND	
GU-4	d	Antimony	7440-36-0	mg/L	7/10/2007	0.006	n/a	ND	
GU-4	d	Arsenic	7440-38-2	mg/L	7/10/2007	0.001	n/a	ND	
GU-4	d	Barium	7440-39-3	mg/L	7/10/2007	n/a	n/a		0.0197
GU-4	d	Beryllium	7440-41-7	mg/L	7/10/2007	0.001	n/a	ND	
GU-4	d	Cadmium	7440-43-9	mg/L	7/10/2007	0.0005	n/a	ND	
GU-4	d	Chromium	7440-47-3	mg/L	7/10/2007	0.02	n/a	ND	
GU-4	d	Cobalt	7440-48-4	mg/L	7/10/2007	0.02	n/a	ND	
GU-4	d	Copper	7440-50-8	mg/L	7/10/2007	0.02	n/a	ND	
GU-4	d	Lead	7439-92-1	mg/L	7/10/2007	0.004	n/a	ND	
GU-4	d	Nickel	7440-02-0	mg/L	7/10/2007	0.05	n/a	ND	
GU-4	d	Selenium	7782-49-2	mg/L	7/10/2007	0.005	n/a	ND	
GU-4	d	Silver	7440-22-4	mg/L	7/10/2007	0.02	n/a	ND	
GU-4	d	Thallium	7440-28-0	mg/L	7/10/2007	0.002	n/a	ND	
GU-4	d	Vanadium	7440-62-2	mg/L	7/10/2007	0.05	n/a	ND	
GU-4	d	Zinc	7440-66-6	mg/L	7/10/2007	n/a	n/a		0.0267
GU-4	d	Mercury	7439-97-6	mg/L	7/10/2007	0.0002	n/a	ND	
GU-4	d	Tin	7440-31-5	mg/L	7/10/2007	0.1	n/a	ND	
GU-4	d	Acetone	67-64-1	ug/L	7/10/2007	10	n/a	ND	
GU-4	d	Acrylonitrile	107-13-1	ug/L	7/10/2007	10	n/a	ND	
GU-4	d	Benzene	71-43-2	ug/L	7/10/2007	0.5	n/a	ND	
GU-4	d	Bromochloromethane	74-97-5	ug/L	7/10/2007	5	n/a	ND	
GU-4	d	Bromodichloromethane	75-27-4	ug/L	7/10/2007	1	n/a	ND	
GU-4	d	Bromoform	75-25-2	ug/L	7/10/2007	5	n/a	ND	
GU-4	d	Carbon disulfide	75-15-0	ug/L	7/10/2007	1	n/a	ND	
GU-4	d	Carbon Tetrachloride	56-23-5	ug/L	7/10/2007	2	n/a	ND	
GU-4	d	Chlorobenzene	108-90-7	ug/L	7/10/2007	1	n/a	ND	
GU-4	d	Chloroethane	75-00-3	ug/L	7/10/2007	4	n/a	ND	
GU-4	d	Chloroform	67-66-3	ug/L	7/10/2007	1	n/a	ND	
GU-4	d	Chlorodibromomethane	124-48-1	ug/L	7/10/2007	5	n/a	ND	
GU-4	d	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	7/10/2007	10	n/a	ND	
GU-4	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	7/10/2007	10	n/a	ND	
GU-4	d	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	7/10/2007	10	n/a	ND	
GU-4	d	1,1-Dichloroethane	75-34-3	ug/L	7/10/2007	1	n/a	ND	
GU-4	d	1,2-Dichloroethane	107-06-2	ug/L	7/10/2007	1	n/a	ND	
GU-4	d	1,1-Dichloroethene	75-35-4	ug/L	7/10/2007	2	n/a	ND	
GU-4	d	cis-1,2-Dichloroethene	156-59-2	ug/L	7/10/2007	1	n/a	ND	
GU-4	d	trans-1,2-Dichloroethene	156-60-5	ug/L	7/10/2007	1	n/a	ND	
GU-4	d	1,2-Dichloropropane	78-87-5	ug/L	7/10/2007	1	n/a	ND	
GU-4	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	7/10/2007	5	n/a	ND	
GU-4	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	7/10/2007	5	n/a	ND	
GU-4	d	1,2-Dichlorobenzene	95-50-1	ug/L	7/10/2007	5.5	n/a	ND	
GU-4	d	1,4-Dichlorobenzene	106-46-7	ug/L	7/10/2007	5.5	n/a	ND	
GU-4	d	Ethylbenzene	100-41-4	ug/L	7/10/2007	1	n/a	ND	
GU-4	d	2-Hexanone	591-78-6	ug/L	7/10/2007	10	n/a	ND	
GU-4	d	Bromomethane	74-83-9	ug/L	7/10/2007	4	n/a	ND	
GU-4	d	Chloromethane	74-87-3	ug/L	7/10/2007	3	n/a	ND	
GU-4	d	2-Butanone	78-93-3	ug/L	7/10/2007	10	n/a	ND	
GU-4	d	Iodomethane	74-88-4	ug/L	7/10/2007	10	n/a	ND	
GU-4	d	4-Methyl-2-pentanone	108-10-1	ug/L	7/10/2007	10	n/a	ND	
GU-4	d	Methylene Bromide	74-95-3	ug/L	7/10/2007	1	n/a	ND	
GU-4	d	Methylene Chloride	75-09-2	ug/L	7/10/2007	5	n/a	ND	
GU-4	d	Styrene	100-42-5	ug/L	7/10/2007	1	n/a	ND	
GU-4	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	7/10/2007	1	n/a	ND	
GU-4	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	7/10/2007	1	n/a	ND	
GU-4	d	Tetrachloroethene	127-18-4	ug/L	7/10/2007	1	n/a	ND	
GU-4	d	Toluene	108-88-3	ug/L	7/10/2007	1	n/a	ND	
GU-4	d	1,1,1-Trichloroethane	71-55-6	ug/L	7/10/2007	1	n/a	ND	
GU-4	d	1,1,2-Trichloroethane	79-00-5	ug/L	7/10/2007	1	n/a	ND	
GU-4	d	Trichloroethene	79-01-6	ug/L	7/10/2007	1	n/a	ND	
GU-4	d	Trichlorofluoromethane	75-69-4	ug/L	7/10/2007	4	n/a	ND	
GU-4	d	1,2,3-Trichloropropane	96-18-4	ug/L	7/10/2007	1	n/a	ND	
GU-4	d	Vinyl acetate	108-05-4	ug/L	7/10/2007	2	n/a	ND	
GU-4	d	Vinyl chloride	75-01-4	ug/L	7/10/2007	1	n/a	ND	
GU-4	d	Xylenes, total	1330-20-7	ug/L	7/10/2007	3	n/a	ND	
GU-4	d	Acrolein	107-02-8	ug/L	7/10/2007	10	n/a	ND	
GU-4	d	3-Chloropropene	107-05-1	ug/L	7/10/2007	2	n/a	ND	
GU-4	d	Chloroprene	126-99-8	ug/L	7/10/2007	1	n/a	ND	
GU-4	d	Dichlorodifluoromethane	75-71-8	ug/L	7/10/2007	3	n/a	ND	
GU-4	d	1,3-Dichloropropane	142-28-9	ug/L	7/10/2007	1	n/a	ND	
GU-4	d	2,2-Dichloropropane	594-20-7	ug/L	7/10/2007	4	n/a	ND	

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GU-4	d	1,1-Dichloropropene	563-58-6	ug/L	7/10/2007	1	n/a	ND	
GU-4	d	1,3-Dichlorobenzene	541-73-1	ug/L	7/10/2007	5.5	n/a	ND	
GU-4	d	Ethyl Methacrylate	97-63-2	ug/L	7/10/2007	2	n/a	ND	
GU-4	d	Methacrylonitrile	126-98-7	ug/L	7/10/2007	1	n/a	ND	
GU-4	d	Methyl Methacrylate	80-62-6	ug/L	7/10/2007	2	n/a	ND	
GU-4	d	Naphthalene	91-20-3	ug/L	7/10/2007	7.5	n/a	ND	
GU-4	d	Propionitrile	107-12-0	ug/L	7/10/2007	10	n/a	ND	
GU-4	d	1,2,4-Trichlorobenzene	120-82-1	ug/L	7/10/2007	7.5	n/a	ND	
GU-4	d	Acenaphthene	83-32-9	ug/L	7/10/2007	10	n/a	ND	
GU-4	d	Acenaphthylene	208-96-8	ug/L	7/10/2007	10	n/a	ND	
GU-4	d	Acetophenone	98-86-2	ug/L	7/10/2007	10	n/a	ND	
GU-4	d	2-Acetylaminofluorene	53-96-3	ug/L	7/10/2007	10	n/a	ND	
GU-4	d	4-Aminobiphenyl	92-67-1	ug/L	7/10/2007	10	n/a	ND	
GU-4	d	Anthracene	120-12-7	ug/L	7/10/2007	10	n/a	ND	
GU-4	d	Benzo [a] anthracene	56-55-3	ug/L	7/10/2007	10	n/a	ND	
GU-4	d	Benzo [b] fluoranthene	205-99-2	ug/L	7/10/2007	10	n/a	ND	
GU-4	d	Benzo [k] fluoranthene	207-08-9	ug/L	7/10/2007	10	n/a	ND	
GU-4	d	Benzo [g,h,i] perylene	191-24-2	ug/L	7/10/2007	10	n/a	ND	
GU-4	d	Benzo [a] pyrene	50-32-8	ug/L	7/10/2007	10	n/a	ND	
GU-4	d	Benzyl alcohol	100-51-6	ug/L	7/10/2007	50	n/a	ND	
GU-4	d	Bis[2-chloroethoxy]methane	111-91-1	ug/L	7/10/2007	10	n/a	ND	
GU-4	d	Bis[2-chloroethyl]ether	111-44-4	ug/L	7/10/2007	10	n/a	ND	
GU-4	d	Bis[2-chloroisopropyl]ether	108-60-1	ug/L	7/10/2007	10	n/a	ND	
GU-4	d	Bis[2-ethylhexyl]phthalate	117-81-7	ug/L	7/10/2007	10	n/a	ND	
GU-4	d	4-Bromophenyl phenyl ether	101-55-3	ug/L	7/10/2007	10	n/a	ND	
GU-4	d	Butyl benzyl phthalate	85-68-7	ug/L	7/10/2007	10	n/a	ND	
GU-4	d	4-Chloroaniline	106-47-8	ug/L	7/10/2007	10	n/a	ND	
GU-4	d	Chlorobenzilate	510-15-6	ug/L	7/10/2007	50	n/a	ND	
GU-4	d	4-Chloro-3-methylphenol	59-50-7	ug/L	7/10/2007	10	n/a	ND	
GU-4	d	2-Chloronaphthalene	91-58-7	ug/L	7/10/2007	10	n/a	ND	
GU-4	d	2-Chlorophenol	95-57-8	ug/L	7/10/2007	10	n/a	ND	
GU-4	d	4-Chlorophenyl phenyl ether	7005-72-3	ug/L	7/10/2007	10	n/a	ND	
GU-4	d	Chrysene	218-01-9	ug/L	7/10/2007	10	n/a	ND	
GU-4	d	3/4-Methylphenol	T-34MP	ug/L	7/10/2007	10	n/a	ND	
GU-4	d	2-Methylphenol	95-48-7	ug/L	7/10/2007	10	n/a	ND	
GU-4	d	Diallate [cis or trans]	2303-16-4	ug/L	7/10/2007	50	n/a	ND	
GU-4	d	Dibenz [a,h] anthracene	53-70-3	ug/L	7/10/2007	10	n/a	ND	
GU-4	d	Dibenzofuran	132-64-9	ug/L	7/10/2007	10	n/a	ND	
GU-4	d	Di-n-butyl phthalate	84-74-2	ug/L	7/10/2007	10	n/a	ND	
GU-4	d	3,3-Dichlorobenzidine	91-94-1	ug/L	7/10/2007	10	n/a	ND	
GU-4	d	2,4-Dichlorophenol	120-83-2	ug/L	7/10/2007	10	n/a	ND	
GU-4	d	2,6-Dichlorophenol	87-65-0	ug/L	7/10/2007	20	n/a	ND	
GU-4	d	Diethyl phthalate	84-66-2	ug/L	7/10/2007	10	n/a	ND	
GU-4	d	Thionazin	297-97-2	ug/L	7/10/2007	10	n/a	ND	
GU-4	d	7,12-Dimethylbenz [a] anthracene	57-97-6	ug/L	7/10/2007	10	n/a	ND	
GU-4	d	Dimethoate	60-51-5	ug/L	7/10/2007	10	n/a	ND	
GU-4	d	Dimethylaminoazobenzene	60-11-7	ug/L	7/10/2007	10	n/a	ND	
GU-4	d	3,3-Dimethylbenzidine	119-93-7	ug/L	7/10/2007	50	n/a	ND	
GU-4	d	2,4-Dimethylphenol	105-67-9	ug/L	7/10/2007	10	n/a	ND	
GU-4	d	Dimethyl phthalate	131-11-3	ug/L	7/10/2007	10	n/a	ND	
GU-4	d	1,3-Dinitrobenzene	99-65-0	ug/L	7/10/2007	10	n/a	ND	
GU-4	d	4,6-Dinitro-2-methylphenol	534-52-1	ug/L	7/10/2007	25	n/a	ND	
GU-4	d	2,4-Dinitrophenol	51-28-5	ug/L	7/10/2007	25	n/a	ND	
GU-4	d	2,4-Dinitrotoluene	121-14-2	ug/L	7/10/2007	10	n/a	ND	
GU-4	d	2,6-Dinitrotoluene	606-20-2	ug/L	7/10/2007	10	n/a	ND	
GU-4	d	Di-n-octyl phthalate	117-84-0	ug/L	7/10/2007	10	n/a	ND	
GU-4	d	Diphenylamine	122-39-4	ug/L	7/10/2007	10	n/a	ND	
GU-4	d	Disulfoton	298-04-4	ug/L	7/10/2007	10	n/a	ND	
GU-4	d	Ethyl Methanesulfonate	62-50-0	ug/L	7/10/2007	10	n/a	ND	
GU-4	d	Famphur	52-85-7	ug/L	7/10/2007	10	n/a	ND	
GU-4	d	Fluoranthene	206-44-0	ug/L	7/10/2007	10	n/a	ND	
GU-4	d	Fluorene	86-73-7	ug/L	7/10/2007	10	n/a	ND	
GU-4	d	Hexachlorobenzene	118-74-1	ug/L	7/10/2007	10	n/a	ND	
GU-4	d	Hexachlorobutadiene	87-68-3	ug/L	7/10/2007	10	n/a	ND	
GU-4	d	Hexachlorocyclopentadiene	77-47-4	ug/L	7/10/2007	10	n/a	ND	
GU-4	d	Hexachloroethane	67-72-1	ug/L	7/10/2007	10	n/a	ND	
GU-4	d	Hexachloropropene	1888-71-7	ug/L	7/10/2007	10	n/a	ND	
GU-4	d	Indeno [1,2,3-cd] pyrene	193-39-5	ug/L	7/10/2007	10	n/a	ND	
GU-4	d	Isodrin	465-73-6	ug/L	7/10/2007	10	n/a	ND	
GU-4	d	Isophorone	78-59-1	ug/L	7/10/2007	10	n/a	ND	
GU-4	d	Isosafrole	120-58-1	ug/L	7/10/2007	50	n/a	ND	
GU-4	d	Kepone	143-50-0	ug/L	7/10/2007	10	n/a	ND	
GU-4	d	Methapyrilene	91-80-5	ug/L	7/10/2007	50	n/a	ND	
GU-4	d	3-Methylcholanthrene	56-49-5	ug/L	7/10/2007	10	n/a	ND	
GU-4	d	Methyl Methanesulfonate	66-27-3	ug/L	7/10/2007	10	n/a	ND	

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Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
GU-4	d	2-Methylnaphthalene	91-57-6	ug/L	7/10/2007	10	n/a	ND	
GU-4	d	Parathion-methyl	298-00-0	ug/L	7/10/2007	10	n/a	ND	
GU-4	d	1,4-Naphthoquinone	130-15-4	ug/L	7/10/2007	10	n/a	ND	
GU-4	d	1-Naphthylamine	134-32-7	ug/L	7/10/2007	10	n/a	ND	
GU-4	d	2-Naphthylamine	91-59-8	ug/L	7/10/2007	10	n/a	ND	
GU-4	d	2-Nitroaniline	88-74-4	ug/L	7/10/2007	25	n/a	ND	
GU-4	d	3-Nitroaniline	99-09-2	ug/L	7/10/2007	25	n/a	ND	
GU-4	d	4-Nitroaniline	100-01-6	ug/L	7/10/2007	25	n/a	ND	
GU-4	d	Nitrobenzene	98-95-3	ug/L	7/10/2007	10	n/a	ND	
GU-4	d	2-Nitrophenol	88-75-5	ug/L	7/10/2007	10	n/a	ND	
GU-4	d	4-Nitrophenol	100-02-7	ug/L	7/10/2007	25	n/a	ND	
GU-4	d	N-Nitrosodi-n-butylamine	924-16-3	ug/L	7/10/2007	10	n/a	ND	
GU-4	d	N-Nitrosodiethylamine	55-18-5	ug/L	7/10/2007	10	n/a	ND	
GU-4	d	N-Nitrosodimethylamine	62-75-9	ug/L	7/10/2007	10	n/a	ND	
GU-4	d	N-Nitrosodiphenylamine	86-30-6	ug/L	7/10/2007	10	n/a	ND	
GU-4	d	N-Nitrosodi-n-propylamine	621-64-7	ug/L	7/10/2007	10	n/a	ND	
GU-4	d	N-Nitrosomethylethylamine	10595-95-6	ug/L	7/10/2007	10	n/a	ND	
GU-4	d	N-Nitrosopiperidine	100-75-4	ug/L	7/10/2007	10	n/a	ND	
GU-4	d	N-Nitrosopyrrolidine	930-55-2	ug/L	7/10/2007	10	n/a	ND	
GU-4	d	5-Nitro-o-toluidine	99-55-8	ug/L	7/10/2007	10	n/a	ND	
GU-4	d	Parathion-ethyl	56-38-2	ug/L	7/10/2007	10	n/a	ND	
GU-4	d	Pentachlorobenzene	608-93-5	ug/L	7/10/2007	10	n/a	ND	
GU-4	d	Pentachloronitrobenzene	82-68-8	ug/L	7/10/2007	10	n/a	ND	
GU-4	d	Pentachlorophenol [2C]	87-86-5	ug/L	7/10/2007	25	n/a	ND	
GU-4	d	Phenacetin	62-44-2	ug/L	7/10/2007	10	n/a	ND	
GU-4	d	Phenanthrene	85-01-8	ug/L	7/10/2007	10	n/a	ND	
GU-4	d	Phenol	108-95-2	ug/L	7/10/2007	10	n/a	ND	
GU-4	d	1,4-Phenylenediamine	106-50-3	ug/L	7/10/2007	50	n/a	ND	
GU-4	d	Phorate	298-02-2	ug/L	7/10/2007	10	n/a	ND	
GU-4	d	Pronamide	23950-58-5	ug/L	7/10/2007	10	n/a	ND	
GU-4	d	Pyrene	129-00-0	ug/L	7/10/2007	10	n/a	ND	
GU-4	d	Safrole	94-59-7	ug/L	7/10/2007	10	n/a	ND	
GU-4	d	1,2,4,5-Tetrachlorobenzene	95-94-3	ug/L	7/10/2007	10	n/a	ND	
GU-4	d	2,3,4,6-Tetrachlorophenol	58-90-2	ug/L	7/10/2007	10	n/a	ND	
GU-4	d	o-Toluidine	95-53-4	ug/L	7/10/2007	10	n/a	ND	
GU-4	d	2,4,5-Trichlorophenol	95-95-4	ug/L	7/10/2007	25	n/a	ND	
GU-4	d	2,4,6-Trichlorophenol	88-06-2	ug/L	7/10/2007	10	n/a	ND	
GU-4	d	O,O,O-Triethyl phosphorothioate	126-68-1	ug/L	7/10/2007	10	n/a	ND	
GU-4	d	1,3,5-Trinitrobenzene	99-35-4	ug/L	7/10/2007	10	n/a	ND	
GU-4	d	Pentachloroethane	76-01-7	ug/L	7/10/2007	10	n/a	ND	
GU-4	d	Dinoseb	88-85-7	ug/L	7/10/2007	0.1	n/a	ND	
GU-4	d	Acetonitrile	75-05-8	ug/L	7/10/2007	10	n/a	ND	
GU-4	d	Isobutanol	78-83-1	mg/L	7/10/2007	10	n/a	ND	
GU-4	d	PCB-1016	12674-11-2	ug/L	7/10/2007	0.8	n/a	ND	
GU-4	d	PCB-1221	11104-28-2	ug/L	7/10/2007	0.8	n/a	ND	
GU-4	d	PCB-1232	11141-16-5	ug/L	7/10/2007	0.8	n/a	ND	
GU-4	d	PCB-1242	53469-21-9	ug/L	7/10/2007	0.8	n/a	ND	
GU-4	d	PCB-1248	12672-29-6	ug/L	7/10/2007	0.8	n/a	ND	
GU-4	d	PCB-1254	11097-69-1	ug/L	7/10/2007	0.8	n/a	ND	
GU-4	d	PCB-1260	11096-82-5	ug/L	7/10/2007	0.8	n/a	ND	
GU-4	d	PCB-1268	11100-14-4	ug/L	7/10/2007	0.8	n/a	ND	
GU-4	d	Cyanide	57-12-5	mg/L	7/10/2007	0.01	n/a	ND	
GU-4	d	Sulfide	18496-25-8	mg/L	7/10/2007	2	n/a	ND	
GU-4	d	2,4-D [2C]	94-75-7	ug/L	7/10/2007	0.1	n/a	ND	
GU-4	d	2,4,5-TP [Silvex] [2C]	93-72-1	ug/L	7/10/2007	0.1	n/a	ND	
GU-4	d	2,4,5-T [2C]	93-76-5	ug/L	7/10/2007	0.1	n/a	ND	
GU-4	d	alpha-BHC	319-84-6	ug/L	7/10/2007	0.05	n/a	ND	
GU-4	d	beta-BHC	319-85-7	ug/L	7/10/2007	0.05	n/a	ND	
GU-4	d	Dieldrin	60-57-1	ug/L	7/10/2007	0.05	n/a	ND	
GU-4	d	4,4'-DDE	72-55-9	ug/L	7/10/2007	0.05	n/a	ND	
GU-4	d	delta-BHC	319-86-8	ug/L	7/10/2007	0.05	n/a	ND	
GU-4	d	Endrin	72-20-8	ug/L	7/10/2007	0.05	n/a	ND	
GU-4	d	gamma-BHC [Lindane]	58-89-9	ug/L	7/10/2007	0.05	n/a	ND	
GU-4	d	Endosulfan II	33213-65-9	ug/L	7/10/2007	0.05	n/a	ND	
GU-4	d	Heptachlor	76-44-8	ug/L	7/10/2007	0.05	n/a	ND	
GU-4	d	4,4'-DDD	72-54-8	ug/L	7/10/2007	0.05	n/a	ND	
GU-4	d	Aldrin	309-00-2	ug/L	7/10/2007	0.05	n/a	ND	
GU-4	d	Endosulfan sulfate	1031-07-8	ug/L	7/10/2007	0.05	n/a	ND	
GU-4	d	Heptachlor epoxide	1024-57-3	ug/L	7/10/2007	0.05	n/a	ND	
GU-4	d	4,4'-DDT	50-29-3	ug/L	7/10/2007	0.05	n/a	ND	
GU-4	d	Endosulfan I	959-98-8	ug/L	7/10/2007	0.05	n/a	ND	
GU-4	d	Methoxychlor	72-43-5	ug/L	7/10/2007	0.05	n/a	ND	
GU-4	d	Toxaphene	8001-35-2	ug/L	7/10/2007	5	n/a	ND	
GU-4	d	Endrin aldehyde	7421-93-4	ug/L	7/10/2007	0.05	n/a	ND	
GU-4	d	Chlordane	57-74-9	ug/L	7/10/2007	3	n/a	ND	

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GU-4BG	u	Antimony	7440-36-0	mg/L	7/10/2007	0.006	n/a	ND	
GU-4BG	u	Arsenic	7440-38-2	mg/L	7/10/2007	0.001	n/a	ND	
GU-4BG	u	Barium	7440-39-3	mg/L	7/10/2007	n/a	n/a		0.0197
GU-4BG	u	Beryllium	7440-41-7	mg/L	7/10/2007	0.001	n/a	ND	
GU-4BG	u	Cadmium	7440-43-9	mg/L	7/10/2007	0.0005	n/a	ND	
GU-4BG	u	Chromium	7440-47-3	mg/L	7/10/2007	0.02	n/a	ND	
GU-4BG	u	Cobalt	7440-48-4	mg/L	7/10/2007	0.02	n/a	ND	
GU-4BG	u	Copper	7440-50-8	mg/L	7/10/2007	0.02	n/a	ND	
GU-4BG	u	Lead	7439-92-1	mg/L	7/10/2007	0.004	n/a	ND	
GU-4BG	u	Nickel	7440-02-0	mg/L	7/10/2007	0.05	n/a	ND	
GU-4BG	u	Selenium	7782-49-2	mg/L	7/10/2007	0.005	n/a	ND	
GU-4BG	u	Silver	7440-22-4	mg/L	7/10/2007	0.02	n/a	ND	
GU-4BG	u	Thallium	7440-28-0	mg/L	7/10/2007	0.002	n/a	ND	
GU-4BG	u	Vanadium	7440-62-2	mg/L	7/10/2007	0.05	n/a	ND	
GU-4BG	u	Zinc	7440-66-6	mg/L	7/10/2007	n/a	n/a		0.0267
GU-4BG	u	Mercury	7439-97-6	mg/L	7/10/2007	0.0002	n/a	ND	
GU-4BG	u	Tin	7440-31-5	mg/L	7/10/2007	0.1	n/a	ND	
GU-4BG	u	Acetone	67-64-1	ug/L	7/10/2007	10	n/a	ND	
GU-4BG	u	Acrylonitrile	107-13-1	ug/L	7/10/2007	10	n/a	ND	
GU-4BG	u	Benzene	71-43-2	ug/L	7/10/2007	0.5	n/a	ND	
GU-4BG	u	Bromochloromethane	74-97-5	ug/L	7/10/2007	5	n/a	ND	
GU-4BG	u	Bromodichloromethane	75-27-4	ug/L	7/10/2007	1	n/a	ND	
GU-4BG	u	Bromoform	75-25-2	ug/L	7/10/2007	5	n/a	ND	
GU-4BG	u	Carbon disulfide	75-15-0	ug/L	7/10/2007	1	n/a	ND	
GU-4BG	u	Carbon Tetrachloride	56-23-5	ug/L	7/10/2007	2	n/a	ND	
GU-4BG	u	Chlorobenzene	108-90-7	ug/L	7/10/2007	1	n/a	ND	
GU-4BG	u	Chloroethane	75-00-3	ug/L	7/10/2007	4	n/a	ND	
GU-4BG	u	Chloroform	67-66-3	ug/L	7/10/2007	1	n/a	ND	
GU-4BG	u	Chlorodibromomethane	124-48-1	ug/L	7/10/2007	5	n/a	ND	
GU-4BG	u	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	7/10/2007	10	n/a	ND	
GU-4BG	u	1,2-Dibromoethane [EDB]	106-93-4	ug/L	7/10/2007	10	n/a	ND	
GU-4BG	u	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	7/10/2007	10	n/a	ND	
GU-4BG	u	1,1-Dichloroethane	75-34-3	ug/L	7/10/2007	1	n/a	ND	
GU-4BG	u	1,2-Dichloroethane	107-06-2	ug/L	7/10/2007	1	n/a	ND	
GU-4BG	u	1,1-Dichloroethene	75-35-4	ug/L	7/10/2007	2	n/a	ND	
GU-4BG	u	cis-1,2-Dichloroethene	156-59-2	ug/L	7/10/2007	1	n/a	ND	
GU-4BG	u	trans-1,2-Dichloroethene	156-60-5	ug/L	7/10/2007	1	n/a	ND	
GU-4BG	u	1,2-Dichloropropane	78-87-5	ug/L	7/10/2007	1	n/a	ND	
GU-4BG	u	cis-1,3-Dichloropropene	10061-01-5	ug/L	7/10/2007	5	n/a	ND	
GU-4BG	u	trans-1,3-Dichloropropene	10061-02-6	ug/L	7/10/2007	5	n/a	ND	
GU-4BG	u	1,2-Dichlorobenzene	95-50-1	ug/L	7/10/2007	5.5	n/a	ND	
GU-4BG	u	1,4-Dichlorobenzene	106-46-7	ug/L	7/10/2007	5.5	n/a	ND	
GU-4BG	u	Ethylbenzene	100-41-4	ug/L	7/10/2007	1	n/a	ND	
GU-4BG	u	2-Hexanone	591-78-6	ug/L	7/10/2007	10	n/a	ND	
GU-4BG	u	Bromomethane	74-83-9	ug/L	7/10/2007	4	n/a	ND	
GU-4BG	u	Chloromethane	74-87-3	ug/L	7/10/2007	3	n/a	ND	
GU-4BG	u	2-Butanone	78-93-3	ug/L	7/10/2007	10	n/a	ND	
GU-4BG	u	Iodomethane	74-88-4	ug/L	7/10/2007	10	n/a	ND	
GU-4BG	u	4-Methyl-2-pentanone	108-10-1	ug/L	7/10/2007	10	n/a	ND	
GU-4BG	u	Methylene Bromide	74-95-3	ug/L	7/10/2007	1	n/a	ND	
GU-4BG	u	Methylene Chloride	75-09-2	ug/L	7/10/2007	5	n/a	ND	
GU-4BG	u	Styrene	100-42-5	ug/L	7/10/2007	1	n/a	ND	
GU-4BG	u	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	7/10/2007	1	n/a	ND	
GU-4BG	u	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	7/10/2007	1	n/a	ND	
GU-4BG	u	Tetrachloroethene	127-18-4	ug/L	7/10/2007	1	n/a	ND	
GU-4BG	u	Toluene	108-88-3	ug/L	7/10/2007	1	n/a	ND	
GU-4BG	u	1,1,1-Trichloroethane	71-55-6	ug/L	7/10/2007	1	n/a	ND	
GU-4BG	u	1,1,2-Trichloroethane	79-00-5	ug/L	7/10/2007	1	n/a	ND	
GU-4BG	u	Trichloroethene	79-01-6	ug/L	7/10/2007	1	n/a	ND	
GU-4BG	u	Trichlorofluoromethane	75-69-4	ug/L	7/10/2007	4	n/a	ND	
GU-4BG	u	1,2,3-Trichloropropane	96-18-4	ug/L	7/10/2007	1	n/a	ND	
GU-4BG	u	Vinyl acetate	108-05-4	ug/L	7/10/2007	2	n/a	ND	
GU-4BG	u	Vinyl chloride	75-01-4	ug/L	7/10/2007	1	n/a	ND	
GU-4BG	u	Xylenes, total	1330-20-7	ug/L	7/10/2007	3	n/a	ND	
GU-4BG	u	Acrolein	107-02-8	ug/L	7/10/2007	10	n/a	ND	
GU-4BG	u	3-Chloropropene	107-05-1	ug/L	7/10/2007	2	n/a	ND	
GU-4BG	u	Chloroprene	126-99-8	ug/L	7/10/2007	1	n/a	ND	
GU-4BG	u	Dichlorodifluoromethane	75-71-8	ug/L	7/10/2007	3	n/a	ND	
GU-4BG	u	1,3-Dichloropropane	142-28-9	ug/L	7/10/2007	1	n/a	ND	
GU-4BG	u	2,2-Dichloropropane	594-20-7	ug/L	7/10/2007	4	n/a	ND	
GU-4BG	u	1,1-Dichloropropene	563-58-6	ug/L	7/10/2007	1	n/a	ND	
GU-4BG	u	1,3-Dichlorobenzene	541-73-1	ug/L	7/10/2007	5.5	n/a	ND	
GU-4BG	u	Ethyl Methacrylate	97-63-2	ug/L	7/10/2007	2	n/a	ND	
GU-4BG	u	Methacrylonitrile	126-98-7	ug/L	7/10/2007	1	n/a	ND	
GU-4BG	u	Methyl Methacrylate	80-62-6	ug/L	7/10/2007	2	n/a	ND	

Table 9A
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Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
GU-4BG	u	Naphthalene	91-20-3	ug/L	7/10/2007	7.5	n/a	ND	
GU-4BG	u	Propionitrile	107-12-0	ug/L	7/10/2007	10	n/a	ND	
GU-4BG	u	1,2,4-Trichlorobenzene	120-82-1	ug/L	7/10/2007	7.5	n/a	ND	
GU-4BG	u	Acenaphthene	83-32-9	ug/L	7/10/2007	10	n/a	ND	
GU-4BG	u	Acenaphthylene	208-96-8	ug/L	7/10/2007	10	n/a	ND	
GU-4BG	u	Acetophenone	98-86-2	ug/L	7/10/2007	10	n/a	ND	
GU-4BG	u	2-Acetylaminofluorene	53-96-3	ug/L	7/10/2007	10	n/a	ND	
GU-4BG	u	4-Aminobiphenyl	92-67-1	ug/L	7/10/2007	10	n/a	ND	
GU-4BG	u	Anthracene	120-12-7	ug/L	7/10/2007	10	n/a	ND	
GU-4BG	u	Benzo [a] anthracene	56-55-3	ug/L	7/10/2007	10	n/a	ND	
GU-4BG	u	Benzo [b] fluoranthene	205-99-2	ug/L	7/10/2007	10	n/a	ND	
GU-4BG	u	Benzo [k] fluoranthene	207-08-9	ug/L	7/10/2007	10	n/a	ND	
GU-4BG	u	Benzo [g,h,i] perylene	191-24-2	ug/L	7/10/2007	10	n/a	ND	
GU-4BG	u	Benzo [a] pyrene	50-32-8	ug/L	7/10/2007	10	n/a	ND	
GU-4BG	u	Benzyl alcohol	100-51-6	ug/L	7/10/2007	50	n/a	ND	
GU-4BG	u	Bis[2-chloroethoxy]methane	111-91-1	ug/L	7/10/2007	10	n/a	ND	
GU-4BG	u	Bis[2-chloroethyl]ether	111-44-4	ug/L	7/10/2007	10	n/a	ND	
GU-4BG	u	Bis[2-chloroisopropyl]ether	108-60-1	ug/L	7/10/2007	10	n/a	ND	
GU-4BG	u	Bis[2-ethylhexyl]phthalate	117-81-7	ug/L	7/10/2007	10	n/a	ND	
GU-4BG	u	4-Bromophenyl phenyl ether	101-55-3	ug/L	7/10/2007	10	n/a	ND	
GU-4BG	u	Butyl benzyl phthalate	85-68-7	ug/L	7/10/2007	10	n/a	ND	
GU-4BG	u	4-Chloroaniline	106-47-8	ug/L	7/10/2007	10	n/a	ND	
GU-4BG	u	Chlorobenzilate	510-15-6	ug/L	7/10/2007	50	n/a	ND	
GU-4BG	u	4-Chloro-3-methylphenol	59-50-7	ug/L	7/10/2007	10	n/a	ND	
GU-4BG	u	2-Chloronaphthalene	91-58-7	ug/L	7/10/2007	10	n/a	ND	
GU-4BG	u	2-Chlorophenol	95-57-8	ug/L	7/10/2007	10	n/a	ND	
GU-4BG	u	4-Chlorophenyl phenyl ether	7005-72-3	ug/L	7/10/2007	10	n/a	ND	
GU-4BG	u	Chrysene	218-01-9	ug/L	7/10/2007	10	n/a	ND	
GU-4BG	u	3/4-Methylphenol	T-34MP	ug/L	7/10/2007	10	n/a	ND	
GU-4BG	u	2-Methylphenol	95-48-7	ug/L	7/10/2007	10	n/a	ND	
GU-4BG	u	Diallate [cis or trans]	2303-16-4	ug/L	7/10/2007	50	n/a	ND	
GU-4BG	u	Dibenz [a,h] anthracene	53-70-3	ug/L	7/10/2007	10	n/a	ND	
GU-4BG	u	Dibenzofuran	132-64-9	ug/L	7/10/2007	10	n/a	ND	
GU-4BG	u	Di-n-butyl phthalate	84-74-2	ug/L	7/10/2007	10	n/a	ND	
GU-4BG	u	3,3-Dichlorobenzidine	91-94-1	ug/L	7/10/2007	10	n/a	ND	
GU-4BG	u	2,4-Dichlorophenol	120-83-2	ug/L	7/10/2007	10	n/a	ND	
GU-4BG	u	2,6-Dichlorophenol	87-65-0	ug/L	7/10/2007	20	n/a	ND	
GU-4BG	u	Diethyl phthalate	84-66-2	ug/L	7/10/2007	10	n/a	ND	
GU-4BG	u	Thionazin	297-97-2	ug/L	7/10/2007	10	n/a	ND	
GU-4BG	u	7,12-Dimethylbenz [a] anthracene	57-97-6	ug/L	7/10/2007	10	n/a	ND	
GU-4BG	u	Dimethoate	60-51-5	ug/L	7/10/2007	10	n/a	ND	
GU-4BG	u	Dimethylaminoazobenzene	60-11-7	ug/L	7/10/2007	10	n/a	ND	
GU-4BG	u	3,3-Dimethylbenzidine	119-93-7	ug/L	7/10/2007	50	n/a	ND	
GU-4BG	u	2,4-Dimethylphenol	105-67-9	ug/L	7/10/2007	10	n/a	ND	
GU-4BG	u	Dimethyl phthalate	131-11-3	ug/L	7/10/2007	10	n/a	ND	
GU-4BG	u	1,3-Dinitrobenzene	99-65-0	ug/L	7/10/2007	10	n/a	ND	
GU-4BG	u	4,6-Dinitro-2-methylphenol	534-52-1	ug/L	7/10/2007	25	n/a	ND	
GU-4BG	u	2,4-Dinitrophenol	51-28-5	ug/L	7/10/2007	25	n/a	ND	
GU-4BG	u	2,4-Dinitrotoluene	121-14-2	ug/L	7/10/2007	10	n/a	ND	
GU-4BG	u	2,6-Dinitrotoluene	606-20-2	ug/L	7/10/2007	10	n/a	ND	
GU-4BG	u	Di-n-octyl phthalate	117-84-0	ug/L	7/10/2007	10	n/a	ND	
GU-4BG	u	Diphenylamine	122-39-4	ug/L	7/10/2007	10	n/a	ND	
GU-4BG	u	Disulfoton	298-04-4	ug/L	7/10/2007	10	n/a	ND	
GU-4BG	u	Ethyl Methanesulfonate	62-50-0	ug/L	7/10/2007	10	n/a	ND	
GU-4BG	u	Famphur	52-85-7	ug/L	7/10/2007	10	n/a	ND	
GU-4BG	u	Fluoranthene	206-44-0	ug/L	7/10/2007	10	n/a	ND	
GU-4BG	u	Fluorene	86-73-7	ug/L	7/10/2007	10	n/a	ND	
GU-4BG	u	Hexachlorobenzene	118-74-1	ug/L	7/10/2007	10	n/a	ND	
GU-4BG	u	Hexachlorobutadiene	87-68-3	ug/L	7/10/2007	10	n/a	ND	
GU-4BG	u	Hexachlorocyclopentadiene	77-47-4	ug/L	7/10/2007	10	n/a	ND	
GU-4BG	u	Hexachloroethane	67-72-1	ug/L	7/10/2007	10	n/a	ND	
GU-4BG	u	Hexachloropropene	1888-71-7	ug/L	7/10/2007	10	n/a	ND	
GU-4BG	u	Indeno [1,2,3-cd] pyrene	193-39-5	ug/L	7/10/2007	10	n/a	ND	
GU-4BG	u	Isodrin	465-73-6	ug/L	7/10/2007	10	n/a	ND	
GU-4BG	u	Isophorone	78-59-1	ug/L	7/10/2007	10	n/a	ND	
GU-4BG	u	Isosafrole	120-58-1	ug/L	7/10/2007	50	n/a	ND	
GU-4BG	u	Kepone	143-50-0	ug/L	7/10/2007	10	n/a	ND	
GU-4BG	u	Methapyrilene	91-80-5	ug/L	7/10/2007	50	n/a	ND	
GU-4BG	u	3-Methylcholanthrene	56-49-5	ug/L	7/10/2007	10	n/a	ND	
GU-4BG	u	Methyl Methanesulfonate	66-27-3	ug/L	7/10/2007	10	n/a	ND	
GU-4BG	u	2-Methylnaphthalene	91-57-6	ug/L	7/10/2007	10	n/a	ND	
GU-4BG	u	Parathion-methyl	298-00-0	ug/L	7/10/2007	10	n/a	ND	
GU-4BG	u	1,4-Naphthoquinone	130-15-4	ug/L	7/10/2007	10	n/a	ND	
GU-4BG	u	1-Naphthylamine	134-32-7	ug/L	7/10/2007	10	n/a	ND	
GU-4BG	u	2-Naphthylamine	91-59-8	ug/L	7/10/2007	10	n/a	ND	

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GU-4BG	u	2-Nitroaniline	88-74-4	ug/L	7/10/2007	25	n/a	ND	
GU-4BG	u	3-Nitroaniline	99-09-2	ug/L	7/10/2007	25	n/a	ND	
GU-4BG	u	4-Nitroaniline	100-01-6	ug/L	7/10/2007	25	n/a	ND	
GU-4BG	u	Nitrobenzene	98-95-3	ug/L	7/10/2007	10	n/a	ND	
GU-4BG	u	2-Nitrophenol	88-75-5	ug/L	7/10/2007	10	n/a	ND	
GU-4BG	u	4-Nitrophenol	100-02-7	ug/L	7/10/2007	25	n/a	ND	
GU-4BG	u	N-Nitrosodi-n-butylamine	924-16-3	ug/L	7/10/2007	10	n/a	ND	
GU-4BG	u	N-Nitrosodiethylamine	55-18-5	ug/L	7/10/2007	10	n/a	ND	
GU-4BG	u	N-Nitrosodimethylamine	62-75-9	ug/L	7/10/2007	10	n/a	ND	
GU-4BG	u	N-Nitrosodiphenylamine	86-30-6	ug/L	7/10/2007	10	n/a	ND	
GU-4BG	u	N-Nitrosodi-n-propylamine	621-64-7	ug/L	7/10/2007	10	n/a	ND	
GU-4BG	u	N-Nitrosomethylethylamine	10595-95-6	ug/L	7/10/2007	10	n/a	ND	
GU-4BG	u	N-Nitrosopiperidine	100-75-4	ug/L	7/10/2007	10	n/a	ND	
GU-4BG	u	N-Nitrosopyrrolidine	930-55-2	ug/L	7/10/2007	10	n/a	ND	
GU-4BG	u	5-Nitro-o-tolidine	99-55-8	ug/L	7/10/2007	10	n/a	ND	
GU-4BG	u	Parathion-ethyl	56-38-2	ug/L	7/10/2007	10	n/a	ND	
GU-4BG	u	Pentachlorobenzene	608-93-5	ug/L	7/10/2007	10	n/a	ND	
GU-4BG	u	Pentachloronitrobenzene	82-68-8	ug/L	7/10/2007	10	n/a	ND	
GU-4BG	u	Pentachlorophenol [2C]	87-86-5	ug/L	7/10/2007	25	n/a	ND	
GU-4BG	u	Phenacetin	62-44-2	ug/L	7/10/2007	10	n/a	ND	
GU-4BG	u	Phenanthrene	85-01-8	ug/L	7/10/2007	10	n/a	ND	
GU-4BG	u	Phenol	108-95-2	ug/L	7/10/2007	10	n/a	ND	
GU-4BG	u	1,4-Phenylenediamine	106-50-3	ug/L	7/10/2007	50	n/a	ND	
GU-4BG	u	Phorate	298-02-2	ug/L	7/10/2007	10	n/a	ND	
GU-4BG	u	Pronamide	23950-58-5	ug/L	7/10/2007	10	n/a	ND	
GU-4BG	u	Pyrene	129-00-0	ug/L	7/10/2007	10	n/a	ND	
GU-4BG	u	Safrole	94-59-7	ug/L	7/10/2007	10	n/a	ND	
GU-4BG	u	1,2,4,5-Tetrachlorobenzene	95-94-3	ug/L	7/10/2007	10	n/a	ND	
GU-4BG	u	2,3,4,6-Tetrachlorophenol	58-90-2	ug/L	7/10/2007	10	n/a	ND	
GU-4BG	u	o-Tolidine	95-53-4	ug/L	7/10/2007	10	n/a	ND	
GU-4BG	u	2,4,5-Trichlorophenol	95-95-4	ug/L	7/10/2007	25	n/a	ND	
GU-4BG	u	2,4,6-Trichlorophenol	88-06-2	ug/L	7/10/2007	10	n/a	ND	
GU-4BG	u	O,O,O-Triethyl phosphorothioate	126-68-1	ug/L	7/10/2007	10	n/a	ND	
GU-4BG	u	1,3,5-Trinitrobenzene	99-35-4	ug/L	7/10/2007	10	n/a	ND	
GU-4BG	u	Pentachloroethane	76-01-7	ug/L	7/10/2007	10	n/a	ND	
GU-4BG	u	Dinoseb	88-85-7	ug/L	7/10/2007	0.1	n/a	ND	
GU-4BG	u	Acetonitrile	75-05-8	ug/L	7/10/2007	10	n/a	ND	
GU-4BG	u	Isobutanol	78-83-1	mg/L	7/10/2007	10	n/a	ND	
GU-4BG	u	PCB-1016	12674-11-2	ug/L	7/10/2007	0.8	n/a	ND	
GU-4BG	u	PCB-1221	11104-28-2	ug/L	7/10/2007	0.8	n/a	ND	
GU-4BG	u	PCB-1232	11141-16-5	ug/L	7/10/2007	0.8	n/a	ND	
GU-4BG	u	PCB-1242	53469-21-9	ug/L	7/10/2007	0.8	n/a	ND	
GU-4BG	u	PCB-1248	12672-29-6	ug/L	7/10/2007	0.8	n/a	ND	
GU-4BG	u	PCB-1254	11097-69-1	ug/L	7/10/2007	0.8	n/a	ND	
GU-4BG	u	PCB-1260	11096-82-5	ug/L	7/10/2007	0.8	n/a	ND	
GU-4BG	u	PCB-1268	11100-14-4	ug/L	7/10/2007	0.8	n/a	ND	
GU-4BG	u	Cyanide	57-12-5	mg/L	7/10/2007	0.01	n/a	ND	
GU-4BG	u	Sulfide	18496-25-8	mg/L	7/10/2007	2	n/a	ND	
GU-4BG	u	2,4-D [2C]	94-75-7	ug/L	7/10/2007	0.1	n/a	ND	
GU-4BG	u	2,4,5-TP [Silvex] [2C]	93-72-1	ug/L	7/10/2007	0.1	n/a	ND	
GU-4BG	u	2,4,5-T [2C]	93-76-5	ug/L	7/10/2007	0.1	n/a	ND	
GU-4BG	u	alpha-BHC	319-84-6	ug/L	7/10/2007	0.05	n/a	ND	
GU-4BG	u	beta-BHC	319-85-7	ug/L	7/10/2007	0.05	n/a	ND	
GU-4BG	u	Dieldrin	60-57-1	ug/L	7/10/2007	0.05	n/a	ND	
GU-4BG	u	4,4'-DDE	72-55-9	ug/L	7/10/2007	0.05	n/a	ND	
GU-4BG	u	delta-BHC	319-86-8	ug/L	7/10/2007	0.05	n/a	ND	
GU-4BG	u	Endrin	72-20-8	ug/L	7/10/2007	0.05	n/a	ND	
GU-4BG	u	gamma-BHC [Lindane]	58-89-9	ug/L	7/10/2007	0.05	n/a	ND	
GU-4BG	u	Endosulfan II	33213-65-9	ug/L	7/10/2007	0.05	n/a	ND	
GU-4BG	u	Heptachlor	76-44-8	ug/L	7/10/2007	0.05	n/a	ND	
GU-4BG	u	4,4'-DDD	72-54-8	ug/L	7/10/2007	0.05	n/a	ND	
GU-4BG	u	Aldrin	309-00-2	ug/L	7/10/2007	0.05	n/a	ND	
GU-4BG	u	Endosulfan sulfate	1031-07-8	ug/L	7/10/2007	0.05	n/a	ND	
GU-4BG	u	Heptachlor epoxide	1024-57-3	ug/L	7/10/2007	0.05	n/a	ND	
GU-4BG	u	4,4'-DDT	50-29-3	ug/L	7/10/2007	0.05	n/a	ND	
GU-4BG	u	Endosulfan I	959-98-8	ug/L	7/10/2007	0.05	n/a	ND	
GU-4BG	u	Methoxychlor	72-43-5	ug/L	7/10/2007	0.05	n/a	ND	
GU-4BG	u	Toxaphene	8001-35-2	ug/L	7/10/2007	5	n/a	ND	
GU-4BG	u	Endrin aldehyde	7421-93-4	ug/L	7/10/2007	0.05	n/a	ND	
GU-4BG	u	Chlordane	57-74-9	ug/L	7/10/2007	3	n/a	ND	
GU-3	d	Antimony	7440-36-0	mg/L	7/30/2007	0.006	n/a	ND	
GU-3	d	Arsenic	7440-38-2	mg/L	7/30/2007	n/a	n/a		0.00821
GU-3	d	Barium	7440-39-3	mg/L	7/30/2007	n/a	n/a		0.239
GU-3	d	Beryllium	7440-41-7	mg/L	7/30/2007	0.001	n/a	ND	
GU-3	d	Cadmium	7440-43-9	mg/L	7/30/2007	0.0005	n/a	ND	

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GU-3	d	Chromium	7440-47-3	mg/L	7/30/2007	0.02	n/a	ND	
GU-3	d	Cobalt	7440-48-4	mg/L	7/30/2007	0.02	n/a	ND	
GU-3	d	Copper	7440-50-8	mg/L	7/30/2007	0.02	n/a	ND	
GU-3	d	Lead	7439-92-1	mg/L	7/30/2007	n/a	n/a		0.00677
GU-3	d	Nickel	7440-02-0	mg/L	7/30/2007	0.05	n/a	ND	
GU-3	d	Selenium	7782-49-2	mg/L	7/30/2007	0.005	n/a	ND	
GU-3	d	Silver	7440-22-4	mg/L	7/30/2007	0.02	n/a	ND	
GU-3	d	Thallium	7440-28-0	mg/L	7/30/2007	0.002	n/a	ND	
GU-3	d	Vanadium	7440-62-2	mg/L	7/30/2007	0.05	n/a	ND	
GU-3	d	Zinc	7440-66-6	mg/L	7/30/2007	n/a	n/a		0.0515
GU-3	d	Mercury	7439-97-6	mg/L	7/30/2007	0.0002	n/a	ND	
GU-3	d	Tin	7440-31-5	mg/L	7/30/2007	0.1	n/a	ND	
GU-3	d	Acetone	67-64-1	ug/L	7/30/2007	10	n/a	ND	
GU-3	d	Acrylonitrile	107-13-1	ug/L	7/30/2007	10	n/a	ND	
GU-3	d	Benzene	71-43-2	ug/L	7/30/2007	0.5	n/a	ND	
GU-3	d	Bromochloromethane	74-97-5	ug/L	7/30/2007	5	n/a	ND	
GU-3	d	Bromodichloromethane	75-27-4	ug/L	7/30/2007	1	n/a	ND	
GU-3	d	Bromoform	75-25-2	ug/L	7/30/2007	5	n/a	ND	
GU-3	d	Carbon disulfide	75-15-0	ug/L	7/30/2007	1	n/a	ND	
GU-3	d	Carbon Tetrachloride	56-23-5	ug/L	7/30/2007	2	n/a	ND	
GU-3	d	Chlorobenzene	108-90-7	ug/L	7/30/2007	1	n/a	ND	
GU-3	d	Chloroethane	75-00-3	ug/L	7/30/2007	4	n/a	ND	
GU-3	d	Chloroform	67-66-3	ug/L	7/30/2007	1	n/a	ND	
GU-3	d	Chlorodibromomethane	124-48-1	ug/L	7/30/2007	5	n/a	ND	
GU-3	d	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	7/30/2007	10	n/a	ND	
GU-3	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	7/30/2007	10	n/a	ND	
GU-3	d	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	7/30/2007	10	n/a	ND	
GU-3	d	1,1-Dichloroethane	75-34-3	ug/L	7/30/2007	1	n/a	ND	
GU-3	d	1,2-Dichloroethane	107-06-2	ug/L	7/30/2007	1	n/a	ND	
GU-3	d	1,1-Dichloroethene	75-35-4	ug/L	7/30/2007	2	n/a	ND	
GU-3	d	cis-1,2-Dichloroethene	156-59-2	ug/L	7/30/2007	1	n/a	ND	
GU-3	d	trans-1,2-Dichloroethene	156-60-5	ug/L	7/30/2007	1	n/a	ND	
GU-3	d	1,2-Dichloropropane	78-87-5	ug/L	7/30/2007	1	n/a	ND	
GU-3	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	7/30/2007	5	n/a	ND	
GU-3	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	7/30/2007	5	n/a	ND	
GU-3	d	1,2-Dichlorobenzene	95-50-1	ug/L	7/30/2007	5.5	n/a	ND	
GU-3	d	1,4-Dichlorobenzene	106-46-7	ug/L	7/30/2007	5.5	n/a	ND	
GU-3	d	Ethylbenzene	100-41-4	ug/L	7/30/2007	1	n/a	ND	
GU-3	d	2-Hexanone	591-78-6	ug/L	7/30/2007	10	n/a	ND	
GU-3	d	Bromomethane	74-83-9	ug/L	7/30/2007	4	n/a	ND	
GU-3	d	Chloromethane	74-87-3	ug/L	7/30/2007	3	n/a	ND	
GU-3	d	2-Butanone	78-93-3	ug/L	7/30/2007	10	n/a	ND	
GU-3	d	Iodomethane	74-88-4	ug/L	7/30/2007	10	n/a	ND	
GU-3	d	4-Methyl-2-pentanone	108-10-1	ug/L	7/30/2007	10	n/a	ND	
GU-3	d	Methylene Bromide	74-95-3	ug/L	7/30/2007	1	n/a	ND	
GU-3	d	Methylene Chloride	75-09-2	ug/L	7/30/2007	5	n/a	ND	
GU-3	d	Styrene	100-42-5	ug/L	7/30/2007	1	n/a	ND	
GU-3	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	7/30/2007	1	n/a	ND	
GU-3	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	7/30/2007	1	n/a	ND	
GU-3	d	Tetrachloroethene	127-18-4	ug/L	7/30/2007	1	n/a	ND	
GU-3	d	Toluene	108-88-3	ug/L	7/30/2007	1	n/a	ND	
GU-3	d	1,1,1-Trichloroethane	71-55-6	ug/L	7/30/2007	1	n/a	ND	
GU-3	d	1,1,2-Trichloroethane	79-00-5	ug/L	7/30/2007	1	n/a	ND	
GU-3	d	Trichloroethene	79-01-6	ug/L	7/30/2007	1	n/a	ND	
GU-3	d	Trichlorofluoromethane	75-69-4	ug/L	7/30/2007	4	n/a	ND	
GU-3	d	1,2,3-Trichloropropane	96-18-4	ug/L	7/30/2007	1	n/a	ND	
GU-3	d	Vinyl acetate	108-05-4	ug/L	7/30/2007	2	n/a	ND	
GU-3	d	Vinyl chloride	75-01-4	ug/L	7/30/2007	1	n/a	ND	
GU-3	d	Xylenes, total	1330-20-7	ug/L	7/30/2007	3	n/a	ND	
GU-3	d	Acrolein	107-02-8	ug/L	7/30/2007	10	n/a	ND	
GU-3	d	3-Chloropropene	107-05-1	ug/L	7/30/2007	2	n/a	ND	
GU-3	d	Chloroprene	126-99-8	ug/L	7/30/2007	1	n/a	ND	
GU-3	d	Dichlorodifluoromethane	75-71-8	ug/L	7/30/2007	3	n/a	ND	
GU-3	d	1,3-Dichloropropane	142-28-9	ug/L	7/30/2007	1	n/a	ND	
GU-3	d	2,2-Dichloropropane	594-20-7	ug/L	7/30/2007	4	n/a	ND	
GU-3	d	1,1-Dichloropropene	563-58-6	ug/L	7/30/2007	1	n/a	ND	
GU-3	d	1,3-Dichlorobenzene	541-73-1	ug/L	7/30/2007	5.5	n/a	ND	
GU-3	d	Ethyl Methacrylate	97-63-2	ug/L	7/30/2007	2	n/a	ND	
GU-3	d	Methacrylonitrile	126-98-7	ug/L	7/30/2007	1	n/a	ND	
GU-3	d	Methyl Methacrylate	80-62-6	ug/L	7/30/2007	2	n/a	ND	
GU-3	d	Naphthalene	91-20-3	ug/L	7/30/2007	7.5	n/a	ND	
GU-3	d	Propionitrile	107-12-0	ug/L	7/30/2007	10	n/a	ND	
GU-3	d	1,2,4-Trichlorobenzene	120-82-1	ug/L	7/30/2007	7.5	n/a	ND	
GU-3	d	Acenaphthene	83-32-9	ug/L	7/30/2007	10	n/a	ND	
GU-3	d	Acenaphthylene	208-96-8	ug/L	7/30/2007	10	n/a	ND	

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GU-3	d	Acetophenone	98-86-2	ug/L	7/30/2007	10	n/a	ND	
GU-3	d	2-Acetylaminofluorene	53-96-3	ug/L	7/30/2007	10	n/a	ND	
GU-3	d	4-Aminobiphenyl	92-67-1	ug/L	7/30/2007	10	n/a	ND	
GU-3	d	Anthracene	120-12-7	ug/L	7/30/2007	10	n/a	ND	
GU-3	d	Benzo [a] anthracene	56-55-3	ug/L	7/30/2007	10	n/a	ND	
GU-3	d	Benzo [b] fluoranthene	205-99-2	ug/L	7/30/2007	10	n/a	ND	
GU-3	d	Benzo [k] fluoranthene	207-08-9	ug/L	7/30/2007	10	n/a	ND	
GU-3	d	Benzo [g,h,i] perylene	191-24-2	ug/L	7/30/2007	10	n/a	ND	
GU-3	d	Benzo [a] pyrene	50-32-8	ug/L	7/30/2007	10	n/a	ND	
GU-3	d	Benzyl alcohol	100-51-6	ug/L	7/30/2007	50	n/a	ND	
GU-3	d	Bis[2-chloroethoxy]methane	111-91-1	ug/L	7/30/2007	10	n/a	ND	
GU-3	d	Bis[2-chloroethyl]ether	111-44-4	ug/L	7/30/2007	10	n/a	ND	
GU-3	d	Bis[2-chloroisopropyl]ether	108-60-1	ug/L	7/30/2007	10	n/a	ND	
GU-3	d	Bis[2-ethylhexyl]phthalate	117-81-7	ug/L	7/30/2007	10	n/a	ND	
GU-3	d	4-Bromophenyl phenyl ether	101-55-3	ug/L	7/30/2007	10	n/a	ND	
GU-3	d	Butyl benzyl phthalate	85-68-7	ug/L	7/30/2007	10	n/a	ND	
GU-3	d	4-Chloroaniline	106-47-8	ug/L	7/30/2007	10	n/a	ND	
GU-3	d	Chlorobenzilate	510-15-6	ug/L	7/30/2007	50	n/a	ND	
GU-3	d	4-Chloro-3-methylphenol	59-50-7	ug/L	7/30/2007	10	n/a	ND	
GU-3	d	2-Chloronaphthalene	91-58-7	ug/L	7/30/2007	10	n/a	ND	
GU-3	d	2-Chlorophenol	95-57-8	ug/L	7/30/2007	10	n/a	ND	
GU-3	d	4-Chlorophenyl phenyl ether	7005-72-3	ug/L	7/30/2007	10	n/a	ND	
GU-3	d	Chrysene	218-01-9	ug/L	7/30/2007	10	n/a	ND	
GU-3	d	3/4-Methylphenol	T-34MP	ug/L	7/30/2007	10	n/a	ND	
GU-3	d	2-Methylphenol	95-48-7	ug/L	7/30/2007	10	n/a	ND	
GU-3	d	Diallate [cis or trans]	2303-16-4	ug/L	7/30/2007	50	n/a	ND	
GU-3	d	Dibenz [a,h] anthracene	53-70-3	ug/L	7/30/2007	10	n/a	ND	
GU-3	d	Dibenzofuran	132-64-9	ug/L	7/30/2007	10	n/a	ND	
GU-3	d	Di-n-butyl phthalate	84-74-2	ug/L	7/30/2007	10	n/a	ND	
GU-3	d	3,3-Dichlorobenzidine	91-94-1	ug/L	7/30/2007	10	n/a	ND	
GU-3	d	2,4-Dichlorophenol	120-83-2	ug/L	7/30/2007	10	n/a	ND	
GU-3	d	2,6-Dichlorophenol	87-65-0	ug/L	7/30/2007	20	n/a	ND	
GU-3	d	Diethyl phthalate	84-66-2	ug/L	7/30/2007	10	n/a	ND	
GU-3	d	Thionazin	297-97-2	ug/L	7/30/2007	10	n/a	ND	
GU-3	d	7,12-Dimethylbenz [a] anthracene	57-97-6	ug/L	7/30/2007	10	n/a	ND	
GU-3	d	Dimethoate	60-51-5	ug/L	7/30/2007	10	n/a	ND	
GU-3	d	Dimethylaminoazobenzene	60-11-7	ug/L	7/30/2007	10	n/a	ND	
GU-3	d	3,3-Dimethylbenzidine	119-93-7	ug/L	7/30/2007	50	n/a	ND	
GU-3	d	2,4-Dimethylphenol	105-67-9	ug/L	7/30/2007	10	n/a	ND	
GU-3	d	Dimethyl phthalate	131-11-3	ug/L	7/30/2007	10	n/a	ND	
GU-3	d	1,3-Dinitrobenzene	99-65-0	ug/L	7/30/2007	10	n/a	ND	
GU-3	d	4,6-Dinitro-2-methylphenol	534-52-1	ug/L	7/30/2007	25	n/a	ND	
GU-3	d	2,4-Dinitrophenol	51-28-5	ug/L	7/30/2007	25	n/a	ND	
GU-3	d	2,4-Dinitrotoluene	121-14-2	ug/L	7/30/2007	10	n/a	ND	
GU-3	d	2,6-Dinitrotoluene	606-20-2	ug/L	7/30/2007	10	n/a	ND	
GU-3	d	Di-n-octyl phthalate	117-84-0	ug/L	7/30/2007	10	n/a	ND	
GU-3	d	Diphenylamine	122-39-4	ug/L	7/30/2007	10	n/a	ND	
GU-3	d	Disulfoton	298-04-4	ug/L	7/30/2007	10	n/a	ND	
GU-3	d	Ethyl Methanesulfonate	62-50-0	ug/L	7/30/2007	10	n/a	ND	
GU-3	d	Famphur	52-85-7	ug/L	7/30/2007	10	n/a	ND	
GU-3	d	Fluoranthene	206-44-0	ug/L	7/30/2007	10	n/a	ND	
GU-3	d	Fluorene	86-73-7	ug/L	7/30/2007	10	n/a	ND	
GU-3	d	Hexachlorobenzene	118-74-1	ug/L	7/30/2007	10	n/a	ND	
GU-3	d	Hexachlorobutadiene	87-68-3	ug/L	7/30/2007	10	n/a	ND	
GU-3	d	Hexachlorocyclopentadiene	77-47-4	ug/L	7/30/2007	10	n/a	ND	
GU-3	d	Hexachloroethane	67-72-1	ug/L	7/30/2007	10	n/a	ND	
GU-3	d	Hexachloropropene	1888-71-7	ug/L	7/30/2007	10	n/a	ND	
GU-3	d	Indeno [1,2,3-cd] pyrene	193-39-5	ug/L	7/30/2007	10	n/a	ND	
GU-3	d	Isodrin	465-73-6	ug/L	7/30/2007	10	n/a	ND	
GU-3	d	Isophorone	78-59-1	ug/L	7/30/2007	10	n/a	ND	
GU-3	d	Isosafrole	120-58-1	ug/L	7/30/2007	50	n/a	ND	
GU-3	d	Kepone	143-50-0	ug/L	7/30/2007	10	n/a	ND	
GU-3	d	Methapyrilene	91-80-5	ug/L	7/30/2007	50	n/a	ND	
GU-3	d	3-Methylcholanthrene	56-49-5	ug/L	7/30/2007	10	n/a	ND	
GU-3	d	Methyl Methanesulfonate	66-27-3	ug/L	7/30/2007	10	n/a	ND	
GU-3	d	2-Methylnaphthalene	91-57-6	ug/L	7/30/2007	10	n/a	ND	
GU-3	d	Parathion-methyl	298-00-0	ug/L	7/30/2007	10	n/a	ND	
GU-3	d	1,4-Naphthoquinone	130-15-4	ug/L	7/30/2007	10	n/a	ND	
GU-3	d	1-Naphthylamine	134-32-7	ug/L	7/30/2007	10	n/a	ND	
GU-3	d	2-Naphthylamine	91-59-8	ug/L	7/30/2007	10	n/a	ND	
GU-3	d	2-Nitroaniline	88-74-4	ug/L	7/30/2007	25	n/a	ND	
GU-3	d	3-Nitroaniline	99-09-2	ug/L	7/30/2007	25	n/a	ND	
GU-3	d	4-Nitroaniline	100-01-6	ug/L	7/30/2007	25	n/a	ND	
GU-3	d	Nitrobenzene	98-95-3	ug/L	7/30/2007	10	n/a	ND	
GU-3	d	2-Nitrophenol	88-75-5	ug/L	7/30/2007	10	n/a	ND	

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GU-3	d	4-Nitrophenol	100-02-7	ug/L	7/30/2007	25	n/a	ND	
GU-3	d	N-Nitrosodi-n-butylamine	924-16-3	ug/L	7/30/2007	10	n/a	ND	
GU-3	d	N-Nitrosodiethylamine	55-18-5	ug/L	7/30/2007	10	n/a	ND	
GU-3	d	N-Nitrosodimethylamine	62-75-9	ug/L	7/30/2007	10	n/a	ND	
GU-3	d	N-Nitrosodiphenylamine	86-30-6	ug/L	7/30/2007	10	n/a	ND	
GU-3	d	N-Nitrosodi-n-propylamine	621-64-7	ug/L	7/30/2007	10	n/a	ND	
GU-3	d	N-Nitrosomethylethylamine	10595-95-6	ug/L	7/30/2007	10	n/a	ND	
GU-3	d	N-Nitrosopiperidine	100-75-4	ug/L	7/30/2007	10	n/a	ND	
GU-3	d	N-Nitrosopyrrolidine	930-55-2	ug/L	7/30/2007	10	n/a	ND	
GU-3	d	5-Nitro-o-toluidine	99-55-8	ug/L	7/30/2007	10	n/a	ND	
GU-3	d	Parathion-ethyl	56-38-2	ug/L	7/30/2007	10	n/a	ND	
GU-3	d	Pentachlorobenzene	608-93-5	ug/L	7/30/2007	10	n/a	ND	
GU-3	d	Pentachloronitrobenzene	82-68-8	ug/L	7/30/2007	10	n/a	ND	
GU-3	d	Pentachlorophenol [2C]	87-86-5	ug/L	7/30/2007	25	n/a	ND	
GU-3	d	Phenacetin	62-44-2	ug/L	7/30/2007	10	n/a	ND	
GU-3	d	Phenanthrene	85-01-8	ug/L	7/30/2007	10	n/a	ND	
GU-3	d	Phenol	108-95-2	ug/L	7/30/2007	10	n/a	ND	
GU-3	d	1,4-Phenylenediamine	106-50-3	ug/L	7/30/2007	50	n/a	ND	
GU-3	d	Phorate	298-02-2	ug/L	7/30/2007	10	n/a	ND	
GU-3	d	Pronamide	23950-58-5	ug/L	7/30/2007	10	n/a	ND	
GU-3	d	Pyrene	129-00-0	ug/L	7/30/2007	10	n/a	ND	
GU-3	d	Safrole	94-59-7	ug/L	7/30/2007	10	n/a	ND	
GU-3	d	1,2,4,5-Tetrachlorobenzene	95-94-3	ug/L	7/30/2007	10	n/a	ND	
GU-3	d	2,3,4,6-Tetrachlorophenol	58-90-2	ug/L	7/30/2007	10	n/a	ND	
GU-3	d	o-Toluidine	95-53-4	ug/L	7/30/2007	10	n/a	ND	
GU-3	d	2,4,5-Trichlorophenol	95-95-4	ug/L	7/30/2007	25	n/a	ND	
GU-3	d	2,4,6-Trichlorophenol	88-06-2	ug/L	7/30/2007	10	n/a	ND	
GU-3	d	O,O,O-Triethyl phosphorothioate	126-68-1	ug/L	7/30/2007	10	n/a	ND	
GU-3	d	1,3,5-Trinitrobenzene	99-35-4	ug/L	7/30/2007	10	n/a	ND	
GU-3	d	Pentachloroethane	76-01-7	ug/L	7/30/2007	10	n/a	ND	
GU-3	d	Dinoseb	88-85-7	ug/L	7/30/2007	0.108	n/a	ND	
GU-3	d	Acetonitrile	75-05-8	ug/L	7/30/2007	10	n/a	ND	
GU-3	d	Isobutanol	78-83-1	mg/L	7/30/2007	10	n/a	ND	
GU-3	d	PCB-1016	12674-11-2	ug/L	7/30/2007	0.8	n/a	ND	
GU-3	d	PCB-1221	11104-28-2	ug/L	7/30/2007	0.8	n/a	ND	
GU-3	d	PCB-1232	11141-16-5	ug/L	7/30/2007	0.8	n/a	ND	
GU-3	d	PCB-1242	53469-21-9	ug/L	7/30/2007	0.8	n/a	ND	
GU-3	d	PCB-1248	12672-29-6	ug/L	7/30/2007	0.8	n/a	ND	
GU-3	d	PCB-1254	11097-69-1	ug/L	7/30/2007	0.8	n/a	ND	
GU-3	d	PCB-1260	11096-82-5	ug/L	7/30/2007	0.8	n/a	ND	
GU-3	d	PCB-1268	11100-14-4	ug/L	7/30/2007	0.8	n/a	ND	
GU-3	d	Cyanide	57-12-5	mg/L	7/30/2007	0.01	n/a	ND	
GU-3	d	Sulfide	18496-25-8	mg/L	7/30/2007	2	n/a	ND	
GU-3	d	2,4-D [2C]	94-75-7	ug/L	7/30/2007	0.108	n/a	ND	
GU-3	d	2,4,5-TP [Silvex] [2C]	93-72-1	ug/L	7/30/2007	0.108	n/a	ND	
GU-3	d	2,4,5-T [2C]	93-76-5	ug/L	7/30/2007	0.108	n/a	ND	
GU-3	d	alpha-BHC	319-84-6	ug/L	7/30/2007	0.05	n/a	ND	
GU-3	d	beta-BHC	319-85-7	ug/L	7/30/2007	0.05	n/a	ND	
GU-3	d	Dieldrin	60-57-1	ug/L	7/30/2007	0.05	n/a	ND	
GU-3	d	4,4'-DDE	72-55-9	ug/L	7/30/2007	0.05	n/a	ND	
GU-3	d	delta-BHC	319-86-8	ug/L	7/30/2007	0.05	n/a	ND	
GU-3	d	Endrin	72-20-8	ug/L	7/30/2007	0.05	n/a	ND	
GU-3	d	gamma-BHC [Lindane]	58-89-9	ug/L	7/30/2007	0.05	n/a	ND	
GU-3	d	Endosulfan II	33213-65-9	ug/L	7/30/2007	0.05	n/a	ND	
GU-3	d	Heptachlor	76-44-8	ug/L	7/30/2007	0.05	n/a	ND	
GU-3	d	4,4'-DDD	72-54-8	ug/L	7/30/2007	0.05	n/a	ND	
GU-3	d	Aldrin	309-00-2	ug/L	7/30/2007	0.05	n/a	ND	
GU-3	d	Endosulfan sulfate	1031-07-8	ug/L	7/30/2007	0.05	n/a	ND	
GU-3	d	Heptachlor epoxide	1024-57-3	ug/L	7/30/2007	0.05	n/a	ND	
GU-3	d	4,4'-DDT	50-29-3	ug/L	7/30/2007	0.05	n/a	ND	
GU-3	d	Endosulfan I	959-98-8	ug/L	7/30/2007	0.05	n/a	ND	
GU-3	d	Methoxychlor	72-43-5	ug/L	7/30/2007	0.05	n/a	ND	
GU-3	d	Toxaphene	8001-35-2	ug/L	7/30/2007	5	n/a	ND	
GU-3	d	Endrin aldehyde	7421-93-4	ug/L	7/30/2007	0.05	n/a	ND	
GU-3	d	Chlordane	57-74-9	ug/L	7/30/2007	3	n/a	ND	
GU-3BG	u	Antimony	7440-36-0	mg/L	7/30/2007	0.006	n/a	ND	
GU-3BG	u	Arsenic	7440-38-2	mg/L	7/30/2007	n/a	n/a		0.00821
GU-3BG	u	Barium	7440-39-3	mg/L	7/30/2007	n/a	n/a		0.239
GU-3BG	u	Beryllium	7440-41-7	mg/L	7/30/2007	0.001	n/a	ND	
GU-3BG	u	Cadmium	7440-43-9	mg/L	7/30/2007	0.0005	n/a	ND	
GU-3BG	u	Chromium	7440-47-3	mg/L	7/30/2007	0.02	n/a	ND	
GU-3BG	u	Cobalt	7440-48-4	mg/L	7/30/2007	0.02	n/a	ND	
GU-3BG	u	Copper	7440-50-8	mg/L	7/30/2007	0.02	n/a	ND	
GU-3BG	u	Lead	7439-92-1	mg/L	7/30/2007	n/a	n/a		0.00677
GU-3BG	u	Nickel	7440-02-0	mg/L	7/30/2007	0.05	n/a	ND	

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Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
GU-3BG	u	Selenium	7782-49-2	mg/L	7/30/2007	0.005	n/a	ND	
GU-3BG	u	Silver	7440-22-4	mg/L	7/30/2007	0.02	n/a	ND	
GU-3BG	u	Thallium	7440-28-0	mg/L	7/30/2007	0.002	n/a	ND	
GU-3BG	u	Vanadium	7440-62-2	mg/L	7/30/2007	0.05	n/a	ND	
GU-3BG	u	Zinc	7440-66-6	mg/L	7/30/2007	n/a	n/a		0.0515
GU-3BG	u	Mercury	7439-97-6	mg/L	7/30/2007	0.0002	n/a	ND	
GU-3BG	u	Tin	7440-31-5	mg/L	7/30/2007	0.1	n/a	ND	
GU-3BG	u	Acetone	67-64-1	ug/L	7/30/2007	10	n/a	ND	
GU-3BG	u	Acrylonitrile	107-13-1	ug/L	7/30/2007	10	n/a	ND	
GU-3BG	u	Benzene	71-43-2	ug/L	7/30/2007	0.5	n/a	ND	
GU-3BG	u	Bromochloromethane	74-97-5	ug/L	7/30/2007	5	n/a	ND	
GU-3BG	u	Bromodichloromethane	75-27-4	ug/L	7/30/2007	1	n/a	ND	
GU-3BG	u	Bromoform	75-25-2	ug/L	7/30/2007	5	n/a	ND	
GU-3BG	u	Carbon disulfide	75-15-0	ug/L	7/30/2007	1	n/a	ND	
GU-3BG	u	Carbon Tetrachloride	56-23-5	ug/L	7/30/2007	2	n/a	ND	
GU-3BG	u	Chlorobenzene	108-90-7	ug/L	7/30/2007	1	n/a	ND	
GU-3BG	u	Chloroethane	75-00-3	ug/L	7/30/2007	4	n/a	ND	
GU-3BG	u	Chloroform	67-66-3	ug/L	7/30/2007	1	n/a	ND	
GU-3BG	u	Chlorodibromomethane	124-48-1	ug/L	7/30/2007	5	n/a	ND	
GU-3BG	u	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	7/30/2007	10	n/a	ND	
GU-3BG	u	1,2-Dibromoethane [EDB]	106-93-4	ug/L	7/30/2007	10	n/a	ND	
GU-3BG	u	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	7/30/2007	10	n/a	ND	
GU-3BG	u	1,1-Dichloroethane	75-34-3	ug/L	7/30/2007	1	n/a	ND	
GU-3BG	u	1,2-Dichloroethane	107-06-2	ug/L	7/30/2007	1	n/a	ND	
GU-3BG	u	1,1-Dichloroethene	75-35-4	ug/L	7/30/2007	2	n/a	ND	
GU-3BG	u	cis-1,2-Dichloroethene	156-59-2	ug/L	7/30/2007	1	n/a	ND	
GU-3BG	u	trans-1,2-Dichloroethene	156-60-5	ug/L	7/30/2007	1	n/a	ND	
GU-3BG	u	1,2-Dichloropropane	78-87-5	ug/L	7/30/2007	1	n/a	ND	
GU-3BG	u	cis-1,3-Dichloropropene	10061-01-5	ug/L	7/30/2007	5	n/a	ND	
GU-3BG	u	trans-1,3-Dichloropropene	10061-02-6	ug/L	7/30/2007	5	n/a	ND	
GU-3BG	u	1,2-Dichlorobenzene	95-50-1	ug/L	7/30/2007	5.5	n/a	ND	
GU-3BG	u	1,4-Dichlorobenzene	106-46-7	ug/L	7/30/2007	5.5	n/a	ND	
GU-3BG	u	Ethylbenzene	100-41-4	ug/L	7/30/2007	1	n/a	ND	
GU-3BG	u	2-Hexanone	591-78-6	ug/L	7/30/2007	10	n/a	ND	
GU-3BG	u	Bromomethane	74-83-9	ug/L	7/30/2007	4	n/a	ND	
GU-3BG	u	Chloromethane	74-87-3	ug/L	7/30/2007	3	n/a	ND	
GU-3BG	u	2-Butanone	78-93-3	ug/L	7/30/2007	10	n/a	ND	
GU-3BG	u	Iodomethane	74-88-4	ug/L	7/30/2007	10	n/a	ND	
GU-3BG	u	4-Methyl-2-pentanone	108-10-1	ug/L	7/30/2007	10	n/a	ND	
GU-3BG	u	Methylene Bromide	74-95-3	ug/L	7/30/2007	1	n/a	ND	
GU-3BG	u	Methylene Chloride	75-09-2	ug/L	7/30/2007	5	n/a	ND	
GU-3BG	u	Styrene	100-42-5	ug/L	7/30/2007	1	n/a	ND	
GU-3BG	u	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	7/30/2007	1	n/a	ND	
GU-3BG	u	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	7/30/2007	1	n/a	ND	
GU-3BG	u	Tetrachloroethene	127-18-4	ug/L	7/30/2007	1	n/a	ND	
GU-3BG	u	Toluene	108-88-3	ug/L	7/30/2007	1	n/a	ND	
GU-3BG	u	1,1,1-Trichloroethane	71-55-6	ug/L	7/30/2007	1	n/a	ND	
GU-3BG	u	1,1,2-Trichloroethane	79-00-5	ug/L	7/30/2007	1	n/a	ND	
GU-3BG	u	Trichloroethene	79-01-6	ug/L	7/30/2007	1	n/a	ND	
GU-3BG	u	Trichlorofluoromethane	75-69-4	ug/L	7/30/2007	4	n/a	ND	
GU-3BG	u	1,2,3-Trichloropropane	96-18-4	ug/L	7/30/2007	1	n/a	ND	
GU-3BG	u	Vinyl acetate	108-05-4	ug/L	7/30/2007	2	n/a	ND	
GU-3BG	u	Vinyl chloride	75-01-4	ug/L	7/30/2007	1	n/a	ND	
GU-3BG	u	Xylenes, total	1330-20-7	ug/L	7/30/2007	3	n/a	ND	
GU-3BG	u	Acrolein	107-02-8	ug/L	7/30/2007	10	n/a	ND	
GU-3BG	u	3-Chloropropene	107-05-1	ug/L	7/30/2007	2	n/a	ND	
GU-3BG	u	Chloroprene	126-99-8	ug/L	7/30/2007	1	n/a	ND	
GU-3BG	u	Dichlorodifluoromethane	75-71-8	ug/L	7/30/2007	3	n/a	ND	
GU-3BG	u	1,3-Dichloropropane	142-28-9	ug/L	7/30/2007	1	n/a	ND	
GU-3BG	u	2,2-Dichloropropane	594-20-7	ug/L	7/30/2007	4	n/a	ND	
GU-3BG	u	1,1-Dichloropropene	563-58-6	ug/L	7/30/2007	1	n/a	ND	
GU-3BG	u	1,3-Dichlorobenzene	541-73-1	ug/L	7/30/2007	5.5	n/a	ND	
GU-3BG	u	Ethyl Methacrylate	97-63-2	ug/L	7/30/2007	2	n/a	ND	
GU-3BG	u	Methacrylonitrile	126-98-7	ug/L	7/30/2007	1	n/a	ND	
GU-3BG	u	Methyl Methacrylate	80-62-6	ug/L	7/30/2007	2	n/a	ND	
GU-3BG	u	Naphthalene	91-20-3	ug/L	7/30/2007	7.5	n/a	ND	
GU-3BG	u	Propionitrile	107-12-0	ug/L	7/30/2007	10	n/a	ND	
GU-3BG	u	1,2,4-Trichlorobenzene	120-82-1	ug/L	7/30/2007	7.5	n/a	ND	
GU-3BG	u	Acenaphthene	83-32-9	ug/L	7/30/2007	10	n/a	ND	
GU-3BG	u	Acenaphthylene	208-96-8	ug/L	7/30/2007	10	n/a	ND	
GU-3BG	u	Acetophenone	98-86-2	ug/L	7/30/2007	10	n/a	ND	
GU-3BG	u	2-Acetylaminofluorene	53-96-3	ug/L	7/30/2007	10	n/a	ND	
GU-3BG	u	4-Aminobiphenyl	92-67-1	ug/L	7/30/2007	10	n/a	ND	
GU-3BG	u	Anthracene	120-12-7	ug/L	7/30/2007	10	n/a	ND	
GU-3BG	u	Benzo [a] anthracene	56-55-3	ug/L	7/30/2007	10	n/a	ND	

Table 9A
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Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
GU-3BG	u	Benzo [b] fluoranthene	205-99-2	ug/L	7/30/2007	10	n/a	ND	
GU-3BG	u	Benzo [k] fluoranthene	207-08-9	ug/L	7/30/2007	10	n/a	ND	
GU-3BG	u	Benzo [g,h,i] perylene	191-24-2	ug/L	7/30/2007	10	n/a	ND	
GU-3BG	u	Benzo [a] pyrene	50-32-8	ug/L	7/30/2007	10	n/a	ND	
GU-3BG	u	Benzyl alcohol	100-51-6	ug/L	7/30/2007	50	n/a	ND	
GU-3BG	u	Bis[2-chloroethoxy]methane	111-91-1	ug/L	7/30/2007	10	n/a	ND	
GU-3BG	u	Bis[2-chloroethyl]ether	111-44-4	ug/L	7/30/2007	10	n/a	ND	
GU-3BG	u	Bis[2-chloroisopropyl]ether	108-60-1	ug/L	7/30/2007	10	n/a	ND	
GU-3BG	u	Bis[2-ethylhexyl]phthalate	117-81-7	ug/L	7/30/2007	10	n/a	ND	
GU-3BG	u	4-Bromophenyl phenyl ether	101-55-3	ug/L	7/30/2007	10	n/a	ND	
GU-3BG	u	Butyl benzyl phthalate	85-68-7	ug/L	7/30/2007	10	n/a	ND	
GU-3BG	u	4-Chloroaniline	106-47-8	ug/L	7/30/2007	10	n/a	ND	
GU-3BG	u	Chlorobenzilate	510-15-6	ug/L	7/30/2007	50	n/a	ND	
GU-3BG	u	4-Chloro-3-methylphenol	59-50-7	ug/L	7/30/2007	10	n/a	ND	
GU-3BG	u	2-Chloronaphthalene	91-58-7	ug/L	7/30/2007	10	n/a	ND	
GU-3BG	u	2-Chlorophenol	95-57-8	ug/L	7/30/2007	10	n/a	ND	
GU-3BG	u	4-Chlorophenyl phenyl ether	7005-72-3	ug/L	7/30/2007	10	n/a	ND	
GU-3BG	u	Chrysene	218-01-9	ug/L	7/30/2007	10	n/a	ND	
GU-3BG	u	3/4-Methylphenol	T-34MP	ug/L	7/30/2007	10	n/a	ND	
GU-3BG	u	2-Methylphenol	95-48-7	ug/L	7/30/2007	10	n/a	ND	
GU-3BG	u	Diallate [cis or trans]	2303-16-4	ug/L	7/30/2007	50	n/a	ND	
GU-3BG	u	Dibenz [a,h] anthracene	53-70-3	ug/L	7/30/2007	10	n/a	ND	
GU-3BG	u	Dibenzofuran	132-64-9	ug/L	7/30/2007	10	n/a	ND	
GU-3BG	u	Di-n-butyl phthalate	84-74-2	ug/L	7/30/2007	10	n/a	ND	
GU-3BG	u	3,3-Dichlorobenzidine	91-94-1	ug/L	7/30/2007	10	n/a	ND	
GU-3BG	u	2,4-Dichlorophenol	120-83-2	ug/L	7/30/2007	10	n/a	ND	
GU-3BG	u	2,6-Dichlorophenol	87-65-0	ug/L	7/30/2007	20	n/a	ND	
GU-3BG	u	Diethyl phthalate	84-66-2	ug/L	7/30/2007	10	n/a	ND	
GU-3BG	u	Thionazin	297-97-2	ug/L	7/30/2007	10	n/a	ND	
GU-3BG	u	7,12-Dimethylbenz [a] anthracene	57-97-6	ug/L	7/30/2007	10	n/a	ND	
GU-3BG	u	Dimethoate	60-51-5	ug/L	7/30/2007	10	n/a	ND	
GU-3BG	u	Dimethylaminoazobenzene	60-11-7	ug/L	7/30/2007	10	n/a	ND	
GU-3BG	u	3,3-Dimethylbenzidine	119-93-7	ug/L	7/30/2007	50	n/a	ND	
GU-3BG	u	2,4-Dimethylphenol	105-67-9	ug/L	7/30/2007	10	n/a	ND	
GU-3BG	u	Dimethyl phthalate	131-11-3	ug/L	7/30/2007	10	n/a	ND	
GU-3BG	u	1,3-Dinitrobenzene	99-65-0	ug/L	7/30/2007	10	n/a	ND	
GU-3BG	u	4,6-Dinitro-2-methylphenol	534-52-1	ug/L	7/30/2007	25	n/a	ND	
GU-3BG	u	2,4-Dinitrophenol	51-28-5	ug/L	7/30/2007	25	n/a	ND	
GU-3BG	u	2,4-Dinitrotoluene	121-14-2	ug/L	7/30/2007	10	n/a	ND	
GU-3BG	u	2,6-Dinitrotoluene	606-20-2	ug/L	7/30/2007	10	n/a	ND	
GU-3BG	u	Di-n-octyl phthalate	117-84-0	ug/L	7/30/2007	10	n/a	ND	
GU-3BG	u	Diphenylamine	122-39-4	ug/L	7/30/2007	10	n/a	ND	
GU-3BG	u	Disulfoton	298-04-4	ug/L	7/30/2007	10	n/a	ND	
GU-3BG	u	Ethyl Methanesulfonate	62-50-0	ug/L	7/30/2007	10	n/a	ND	
GU-3BG	u	Famphur	52-85-7	ug/L	7/30/2007	10	n/a	ND	
GU-3BG	u	Fluoranthene	206-44-0	ug/L	7/30/2007	10	n/a	ND	
GU-3BG	u	Fluorene	86-73-7	ug/L	7/30/2007	10	n/a	ND	
GU-3BG	u	Hexachlorobenzene	118-74-1	ug/L	7/30/2007	10	n/a	ND	
GU-3BG	u	Hexachlorobutadiene	87-68-3	ug/L	7/30/2007	10	n/a	ND	
GU-3BG	u	Hexachlorocyclopentadiene	77-47-4	ug/L	7/30/2007	10	n/a	ND	
GU-3BG	u	Hexachloroethane	67-72-1	ug/L	7/30/2007	10	n/a	ND	
GU-3BG	u	Hexachloropropene	1888-71-7	ug/L	7/30/2007	10	n/a	ND	
GU-3BG	u	Indeno [1,2,3-cd] pyrene	193-39-5	ug/L	7/30/2007	10	n/a	ND	
GU-3BG	u	Isodrin	465-73-6	ug/L	7/30/2007	10	n/a	ND	
GU-3BG	u	Isophorone	78-59-1	ug/L	7/30/2007	10	n/a	ND	
GU-3BG	u	Isosafrole	120-58-1	ug/L	7/30/2007	50	n/a	ND	
GU-3BG	u	Kepone	143-50-0	ug/L	7/30/2007	10	n/a	ND	
GU-3BG	u	Methapyrilene	91-80-5	ug/L	7/30/2007	50	n/a	ND	
GU-3BG	u	3-Methylcholanthrene	56-49-5	ug/L	7/30/2007	10	n/a	ND	
GU-3BG	u	Methyl Methanesulfonate	66-27-3	ug/L	7/30/2007	10	n/a	ND	
GU-3BG	u	2-Methylnaphthalene	91-57-6	ug/L	7/30/2007	10	n/a	ND	
GU-3BG	u	Parathion-methyl	298-00-0	ug/L	7/30/2007	10	n/a	ND	
GU-3BG	u	1,4-Naphthoquinone	130-15-4	ug/L	7/30/2007	10	n/a	ND	
GU-3BG	u	1-Naphthylamine	134-32-7	ug/L	7/30/2007	10	n/a	ND	
GU-3BG	u	2-Naphthylamine	91-59-8	ug/L	7/30/2007	10	n/a	ND	
GU-3BG	u	2-Nitroaniline	88-74-4	ug/L	7/30/2007	25	n/a	ND	
GU-3BG	u	3-Nitroaniline	99-09-2	ug/L	7/30/2007	25	n/a	ND	
GU-3BG	u	4-Nitroaniline	100-01-6	ug/L	7/30/2007	25	n/a	ND	
GU-3BG	u	Nitrobenzene	98-95-3	ug/L	7/30/2007	10	n/a	ND	
GU-3BG	u	2-Nitrophenol	88-75-5	ug/L	7/30/2007	10	n/a	ND	
GU-3BG	u	4-Nitrophenol	100-02-7	ug/L	7/30/2007	25	n/a	ND	
GU-3BG	u	N-Nitrosodi-n-butylamine	924-16-3	ug/L	7/30/2007	10	n/a	ND	
GU-3BG	u	N-Nitrosodiethylamine	55-18-5	ug/L	7/30/2007	10	n/a	ND	
GU-3BG	u	N-Nitrosodimethylamine	62-75-9	ug/L	7/30/2007	10	n/a	ND	
GU-3BG	u	N-Nitrosodiphenylamine	86-30-6	ug/L	7/30/2007	10	n/a	ND	

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Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
GU-3BG	u	N-Nitrosodi-n-propylamine	621-64-7	ug/L	7/30/2007	10	n/a	ND	
GU-3BG	u	N-Nitrosomethylethylamine	10595-95-6	ug/L	7/30/2007	10	n/a	ND	
GU-3BG	u	N-Nitrosopiperidine	100-75-4	ug/L	7/30/2007	10	n/a	ND	
GU-3BG	u	N-Nitrosopyrrolidine	930-55-2	ug/L	7/30/2007	10	n/a	ND	
GU-3BG	u	5-Nitro-o-toluidine	99-55-8	ug/L	7/30/2007	10	n/a	ND	
GU-3BG	u	Parathion-ethyl	56-38-2	ug/L	7/30/2007	10	n/a	ND	
GU-3BG	u	Pentachlorobenzene	608-93-5	ug/L	7/30/2007	10	n/a	ND	
GU-3BG	u	Pentachloronitrobenzene	82-68-8	ug/L	7/30/2007	10	n/a	ND	
GU-3BG	u	Pentachlorophenol [2C]	87-86-5	ug/L	7/30/2007	25	n/a	ND	
GU-3BG	u	Phenacetin	62-44-2	ug/L	7/30/2007	10	n/a	ND	
GU-3BG	u	Phenanthrene	85-01-8	ug/L	7/30/2007	10	n/a	ND	
GU-3BG	u	Phenol	108-95-2	ug/L	7/30/2007	10	n/a	ND	
GU-3BG	u	1,4-Phenylenediamine	106-50-3	ug/L	7/30/2007	50	n/a	ND	
GU-3BG	u	Phorate	298-02-2	ug/L	7/30/2007	10	n/a	ND	
GU-3BG	u	Pronamide	23950-58-5	ug/L	7/30/2007	10	n/a	ND	
GU-3BG	u	Pyrene	129-00-0	ug/L	7/30/2007	10	n/a	ND	
GU-3BG	u	Safrole	94-59-7	ug/L	7/30/2007	10	n/a	ND	
GU-3BG	u	1,2,4,5-Tetrachlorobenzene	95-94-3	ug/L	7/30/2007	10	n/a	ND	
GU-3BG	u	2,3,4,6-Tetrachlorophenol	58-90-2	ug/L	7/30/2007	10	n/a	ND	
GU-3BG	u	o-Toluidine	95-53-4	ug/L	7/30/2007	10	n/a	ND	
GU-3BG	u	2,4,5-Trichlorophenol	95-95-4	ug/L	7/30/2007	25	n/a	ND	
GU-3BG	u	2,4,6-Trichlorophenol	88-06-2	ug/L	7/30/2007	10	n/a	ND	
GU-3BG	u	O,O,O-Triethyl phosphorothioate	126-68-1	ug/L	7/30/2007	10	n/a	ND	
GU-3BG	u	1,3,5-Trinitrobenzene	99-35-4	ug/L	7/30/2007	10	n/a	ND	
GU-3BG	u	Pentachloroethane	76-01-7	ug/L	7/30/2007	10	n/a	ND	
GU-3BG	u	Dinoseb	88-85-7	ug/L	7/30/2007	0.108	n/a	ND	
GU-3BG	u	Acetonitrile	75-05-8	ug/L	7/30/2007	10	n/a	ND	
GU-3BG	u	Isobutanol	78-83-1	mg/L	7/30/2007	10	n/a	ND	
GU-3BG	u	PCB-1016	12674-11-2	ug/L	7/30/2007	0.8	n/a	ND	
GU-3BG	u	PCB-1221	11104-28-2	ug/L	7/30/2007	0.8	n/a	ND	
GU-3BG	u	PCB-1232	11141-16-5	ug/L	7/30/2007	0.8	n/a	ND	
GU-3BG	u	PCB-1242	53469-21-9	ug/L	7/30/2007	0.8	n/a	ND	
GU-3BG	u	PCB-1248	12672-29-6	ug/L	7/30/2007	0.8	n/a	ND	
GU-3BG	u	PCB-1254	11097-69-1	ug/L	7/30/2007	0.8	n/a	ND	
GU-3BG	u	PCB-1260	11096-82-5	ug/L	7/30/2007	0.8	n/a	ND	
GU-3BG	u	PCB-1268	11100-14-4	ug/L	7/30/2007	0.8	n/a	ND	
GU-3BG	u	Cyanide	57-12-5	mg/L	7/30/2007	0.01	n/a	ND	
GU-3BG	u	Sulfide	18496-25-8	mg/L	7/30/2007	2	n/a	ND	
GU-3BG	u	2,4-D [2C]	94-75-7	ug/L	7/30/2007	0.108	n/a	ND	
GU-3BG	u	2,4,5-TP [Silvex] [2C]	93-72-1	ug/L	7/30/2007	0.108	n/a	ND	
GU-3BG	u	2,4,5-T [2C]	93-76-5	ug/L	7/30/2007	0.108	n/a	ND	
GU-3BG	u	alpha-BHC	319-84-6	ug/L	7/30/2007	0.05	n/a	ND	
GU-3BG	u	beta-BHC	319-85-7	ug/L	7/30/2007	0.05	n/a	ND	
GU-3BG	u	Dieldrin	60-57-1	ug/L	7/30/2007	0.05	n/a	ND	
GU-3BG	u	4,4'-DDE	72-55-9	ug/L	7/30/2007	0.05	n/a	ND	
GU-3BG	u	delta-BHC	319-86-8	ug/L	7/30/2007	0.05	n/a	ND	
GU-3BG	u	Endrin	72-20-8	ug/L	7/30/2007	0.05	n/a	ND	
GU-3BG	u	gamma-BHC [Lindane]	58-89-9	ug/L	7/30/2007	0.05	n/a	ND	
GU-3BG	u	Endosulfan II	33213-65-9	ug/L	7/30/2007	0.05	n/a	ND	
GU-3BG	u	Heptachlor	76-44-8	ug/L	7/30/2007	0.05	n/a	ND	
GU-3BG	u	4,4'-DDD	72-54-8	ug/L	7/30/2007	0.05	n/a	ND	
GU-3BG	u	Aldrin	309-00-2	ug/L	7/30/2007	0.05	n/a	ND	
GU-3BG	u	Endosulfan sulfate	1031-07-8	ug/L	7/30/2007	0.05	n/a	ND	
GU-3BG	u	Heptachlor epoxide	1024-57-3	ug/L	7/30/2007	0.05	n/a	ND	
GU-3BG	u	4,4'-DDT	50-29-3	ug/L	7/30/2007	0.05	n/a	ND	
GU-3BG	u	Endosulfan I	959-98-8	ug/L	7/30/2007	0.05	n/a	ND	
GU-3BG	u	Methoxychlor	72-43-5	ug/L	7/30/2007	0.05	n/a	ND	
GU-3BG	u	Toxaphene	8001-35-2	ug/L	7/30/2007	5	n/a	ND	
GU-3BG	u	Endrin aldehyde	7421-93-4	ug/L	7/30/2007	0.05	n/a	ND	
GU-3BG	u	Chlordane	57-74-9	ug/L	7/30/2007	3	n/a	ND	
GU-4	d	Antimony	7440-36-0	mg/L	7/30/2007	0.012	n/a	ND	
GU-4	d	Arsenic	7440-38-2	mg/L	7/30/2007	n/a	n/a		0.0038
GU-4	d	Barium	7440-39-3	mg/L	7/30/2007	n/a	n/a		0.0373
GU-4	d	Beryllium	7440-41-7	mg/L	7/30/2007	0.001	n/a	ND	
GU-4	d	Cadmium	7440-43-9	mg/L	7/30/2007	0.0005	n/a	ND	
GU-4	d	Chromium	7440-47-3	mg/L	7/30/2007	0.02	n/a	ND	
GU-4	d	Cobalt	7440-48-4	mg/L	7/30/2007	0.02	n/a	ND	
GU-4	d	Copper	7440-50-8	mg/L	7/30/2007	0.02	n/a	ND	
GU-4	d	Lead	7439-92-1	mg/L	7/30/2007	0.004	n/a	ND	
GU-4	d	Nickel	7440-02-0	mg/L	7/30/2007	0.05	n/a	ND	
GU-4	d	Selenium	7782-49-2	mg/L	7/30/2007	0.005	n/a	ND	
GU-4	d	Silver	7440-22-4	mg/L	7/30/2007	0.02	n/a	ND	
GU-4	d	Thallium	7440-28-0	mg/L	7/30/2007	0.002	n/a	ND	
GU-4	d	Vanadium	7440-62-2	mg/L	7/30/2007	0.05	n/a	ND	
GU-4	d	Zinc	7440-66-6	mg/L	7/30/2007	n/a	n/a		0.0369

Table 9A
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Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
GU-4	d	Mercury	7439-97-6	mg/L	7/30/2007	0.0002	n/a	ND	
GU-4	d	Tin	7440-31-5	mg/L	7/30/2007	0.1	n/a	ND	
GU-4	d	Acetone	67-64-1	ug/L	7/30/2007	10	n/a	ND	
GU-4	d	Acrylonitrile	107-13-1	ug/L	7/30/2007	10	n/a	ND	
GU-4	d	Benzene	71-43-2	ug/L	7/30/2007	0.5	n/a	ND	
GU-4	d	Bromochloromethane	74-97-5	ug/L	7/30/2007	5	n/a	ND	
GU-4	d	Bromodichloromethane	75-27-4	ug/L	7/30/2007	1	n/a	ND	
GU-4	d	Bromoform	75-25-2	ug/L	7/30/2007	5	n/a	ND	
GU-4	d	Carbon disulfide	75-15-0	ug/L	7/30/2007	1	n/a	ND	
GU-4	d	Carbon Tetrachloride	56-23-5	ug/L	7/30/2007	2	n/a	ND	
GU-4	d	Chlorobenzene	108-90-7	ug/L	7/30/2007	1	n/a	ND	
GU-4	d	Chloroethane	75-00-3	ug/L	7/30/2007	4	n/a	ND	
GU-4	d	Chloroform	67-66-3	ug/L	7/30/2007	1	n/a	ND	
GU-4	d	Chlorodibromomethane	124-48-1	ug/L	7/30/2007	5	n/a	ND	
GU-4	d	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	7/30/2007	10	n/a	ND	
GU-4	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	7/30/2007	10	n/a	ND	
GU-4	d	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	7/30/2007	10	n/a	ND	
GU-4	d	1,1-Dichloroethane	75-34-3	ug/L	7/30/2007	1	n/a	ND	
GU-4	d	1,2-Dichloroethane	107-06-2	ug/L	7/30/2007	1	n/a	ND	
GU-4	d	1,1-Dichloroethene	75-35-4	ug/L	7/30/2007	2	n/a	ND	
GU-4	d	cis-1,2-Dichloroethene	156-59-2	ug/L	7/30/2007	1	n/a	ND	
GU-4	d	trans-1,2-Dichloroethene	156-60-5	ug/L	7/30/2007	1	n/a	ND	
GU-4	d	1,2-Dichloropropane	78-87-5	ug/L	7/30/2007	1	n/a	ND	
GU-4	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	7/30/2007	5	n/a	ND	
GU-4	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	7/30/2007	5	n/a	ND	
GU-4	d	1,2-Dichlorobenzene	95-50-1	ug/L	7/30/2007	5.5	n/a	ND	
GU-4	d	1,4-Dichlorobenzene	106-46-7	ug/L	7/30/2007	5.5	n/a	ND	
GU-4	d	Ethylbenzene	100-41-4	ug/L	7/30/2007	1	n/a	ND	
GU-4	d	2-Hexanone	591-78-6	ug/L	7/30/2007	10	n/a	ND	
GU-4	d	Bromomethane	74-83-9	ug/L	7/30/2007	4	n/a	ND	
GU-4	d	Chloromethane	74-87-3	ug/L	7/30/2007	3	n/a	ND	
GU-4	d	2-Butanone	78-93-3	ug/L	7/30/2007	10	n/a	ND	
GU-4	d	Iodomethane	74-88-4	ug/L	7/30/2007	10	n/a	ND	
GU-4	d	4-Methyl-2-pentanone	108-10-1	ug/L	7/30/2007	10	n/a	ND	
GU-4	d	Methylene Bromide	74-95-3	ug/L	7/30/2007	1	n/a	ND	
GU-4	d	Methylene Chloride	75-09-2	ug/L	7/30/2007	5	n/a	ND	
GU-4	d	Styrene	100-42-5	ug/L	7/30/2007	1	n/a	ND	
GU-4	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	7/30/2007	1	n/a	ND	
GU-4	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	7/30/2007	1	n/a	ND	
GU-4	d	Tetrachloroethene	127-18-4	ug/L	7/30/2007	1	n/a	ND	
GU-4	d	Toluene	108-88-3	ug/L	7/30/2007	1	n/a	ND	
GU-4	d	1,1,1-Trichloroethane	71-55-6	ug/L	7/30/2007	1	n/a	ND	
GU-4	d	1,1,2-Trichloroethane	79-00-5	ug/L	7/30/2007	1	n/a	ND	
GU-4	d	Trichloroethene	79-01-6	ug/L	7/30/2007	1	n/a	ND	
GU-4	d	Trichlorofluoromethane	75-69-4	ug/L	7/30/2007	4	n/a	ND	
GU-4	d	1,2,3-Trichloropropane	96-18-4	ug/L	7/30/2007	1	n/a	ND	
GU-4	d	Vinyl acetate	108-05-4	ug/L	7/30/2007	2	n/a	ND	
GU-4	d	Vinyl chloride	75-01-4	ug/L	7/30/2007	1	n/a	ND	
GU-4	d	Xylenes, total	1330-20-7	ug/L	7/30/2007	3	n/a	ND	
GU-4	d	Acrolein	107-02-8	ug/L	7/30/2007	10	n/a	ND	
GU-4	d	3-Chloropropene	107-05-1	ug/L	7/30/2007	2	n/a	ND	
GU-4	d	Chloroprene	126-99-8	ug/L	7/30/2007	1	n/a	ND	
GU-4	d	Dichlorodifluoromethane	75-71-8	ug/L	7/30/2007	3	n/a	ND	
GU-4	d	1,3-Dichloropropane	142-28-9	ug/L	7/30/2007	1	n/a	ND	
GU-4	d	2,2-Dichloropropane	594-20-7	ug/L	7/30/2007	4	n/a	ND	
GU-4	d	1,1-Dichloropropene	563-58-6	ug/L	7/30/2007	1	n/a	ND	
GU-4	d	1,3-Dichlorobenzene	541-73-1	ug/L	7/30/2007	5.5	n/a	ND	
GU-4	d	Ethyl Methacrylate	97-63-2	ug/L	7/30/2007	2	n/a	ND	
GU-4	d	Methacrylonitrile	126-98-7	ug/L	7/30/2007	1	n/a	ND	
GU-4	d	Methyl Methacrylate	80-62-6	ug/L	7/30/2007	2	n/a	ND	
GU-4	d	Naphthalene	91-20-3	ug/L	7/30/2007	7.5	n/a	ND	
GU-4	d	Propionitrile	107-12-0	ug/L	7/30/2007	10	n/a	ND	
GU-4	d	1,2,4-Trichlorobenzene	120-82-1	ug/L	7/30/2007	7.5	n/a	ND	
GU-4	d	Acenaphthene	83-32-9	ug/L	7/30/2007	10	n/a	ND	
GU-4	d	Acenaphthylene	208-96-8	ug/L	7/30/2007	10	n/a	ND	
GU-4	d	Acetophenone	98-86-2	ug/L	7/30/2007	10	n/a	ND	
GU-4	d	2-Acetylaminofluorene	53-96-3	ug/L	7/30/2007	10	n/a	ND	
GU-4	d	4-Aminobiphenyl	92-67-1	ug/L	7/30/2007	10	n/a	ND	
GU-4	d	Anthracene	120-12-7	ug/L	7/30/2007	10	n/a	ND	
GU-4	d	Benzo [a] anthracene	56-55-3	ug/L	7/30/2007	10	n/a	ND	
GU-4	d	Benzo [b] fluoranthene	205-99-2	ug/L	7/30/2007	10	n/a	ND	
GU-4	d	Benzo [k] fluoranthene	207-08-9	ug/L	7/30/2007	10	n/a	ND	
GU-4	d	Benzo [g,h,i] perylene	191-24-2	ug/L	7/30/2007	10	n/a	ND	
GU-4	d	Benzo [a] pyrene	50-32-8	ug/L	7/30/2007	10	n/a	ND	
GU-4	d	Benzyl alcohol	100-51-6	ug/L	7/30/2007	50	n/a	ND	

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GU-4	d	Bis[2-chloroethoxy]methane	111-91-1	ug/L	7/30/2007	10	n/a	ND	
GU-4	d	Bis[2-chloroethyl]ether	111-44-4	ug/L	7/30/2007	10	n/a	ND	
GU-4	d	Bis[2-chloroisopropyl]ether	108-60-1	ug/L	7/30/2007	10	n/a	ND	
GU-4	d	Bis[2-ethylhexyl]phthalate	117-81-7	ug/L	7/30/2007	10	n/a	ND	
GU-4	d	4-Bromophenyl phenyl ether	101-55-3	ug/L	7/30/2007	10	n/a	ND	
GU-4	d	Butyl benzyl phthalate	85-68-7	ug/L	7/30/2007	10	n/a	ND	
GU-4	d	4-Chloroaniline	106-47-8	ug/L	7/30/2007	10	n/a	ND	
GU-4	d	Chlorobenzilate	510-15-6	ug/L	7/30/2007	50	n/a	ND	
GU-4	d	4-Chloro-3-methylphenol	59-50-7	ug/L	7/30/2007	10	n/a	ND	
GU-4	d	2-Chloronaphthalene	91-58-7	ug/L	7/30/2007	10	n/a	ND	
GU-4	d	2-Chlorophenol	95-57-8	ug/L	7/30/2007	10	n/a	ND	
GU-4	d	4-Chlorophenyl phenyl ether	7005-72-3	ug/L	7/30/2007	10	n/a	ND	
GU-4	d	Chrysene	218-01-9	ug/L	7/30/2007	10	n/a	ND	
GU-4	d	3/4-Methylphenol	T-34MP	ug/L	7/30/2007	10	n/a	ND	
GU-4	d	2-Methylphenol	95-48-7	ug/L	7/30/2007	10	n/a	ND	
GU-4	d	Diallate [cis or trans]	2303-16-4	ug/L	7/30/2007	50	n/a	ND	
GU-4	d	Dibenz [a,h] anthracene	53-70-3	ug/L	7/30/2007	10	n/a	ND	
GU-4	d	Dibenzofuran	132-64-9	ug/L	7/30/2007	10	n/a	ND	
GU-4	d	Di-n-butyl phthalate	84-74-2	ug/L	7/30/2007	10	n/a	ND	
GU-4	d	3,3-Dichlorobenzidine	91-94-1	ug/L	7/30/2007	10	n/a	ND	
GU-4	d	2,4-Dichlorophenol	120-83-2	ug/L	7/30/2007	10	n/a	ND	
GU-4	d	2,6-Dichlorophenol	87-65-0	ug/L	7/30/2007	20	n/a	ND	
GU-4	d	Diethyl phthalate	84-66-2	ug/L	7/30/2007	10	n/a	ND	
GU-4	d	Thionazin	297-97-2	ug/L	7/30/2007	10	n/a	ND	
GU-4	d	7,12-Dimethylbenz [a] anthracene	57-97-6	ug/L	7/30/2007	10	n/a	ND	
GU-4	d	Dimethoate	60-51-5	ug/L	7/30/2007	10	n/a	ND	
GU-4	d	Dimethylaminoazobenzene	60-11-7	ug/L	7/30/2007	10	n/a	ND	
GU-4	d	3,3-Dimethylbenzidine	119-93-7	ug/L	7/30/2007	50	n/a	ND	
GU-4	d	2,4-Dimethylphenol	105-67-9	ug/L	7/30/2007	10	n/a	ND	
GU-4	d	Dimethyl phthalate	131-11-3	ug/L	7/30/2007	10	n/a	ND	
GU-4	d	1,3-Dinitrobenzene	99-65-0	ug/L	7/30/2007	10	n/a	ND	
GU-4	d	4,6-Dinitro-2-methylphenol	534-52-1	ug/L	7/30/2007	25	n/a	ND	
GU-4	d	2,4-Dinitrophenol	51-28-5	ug/L	7/30/2007	25	n/a	ND	
GU-4	d	2,4-Dinitrotoluene	121-14-2	ug/L	7/30/2007	10	n/a	ND	
GU-4	d	2,6-Dinitrotoluene	606-20-2	ug/L	7/30/2007	10	n/a	ND	
GU-4	d	Di-n-octyl phthalate	117-84-0	ug/L	7/30/2007	10	n/a	ND	
GU-4	d	Diphenylamine	122-39-4	ug/L	7/30/2007	10	n/a	ND	
GU-4	d	Disulfoton	298-04-4	ug/L	7/30/2007	10	n/a	ND	
GU-4	d	Ethyl Methanesulfonate	62-50-0	ug/L	7/30/2007	10	n/a	ND	
GU-4	d	Famphur	52-85-7	ug/L	7/30/2007	10	n/a	ND	
GU-4	d	Fluoranthene	206-44-0	ug/L	7/30/2007	10	n/a	ND	
GU-4	d	Fluorene	86-73-7	ug/L	7/30/2007	10	n/a	ND	
GU-4	d	Hexachlorobenzene	118-74-1	ug/L	7/30/2007	10	n/a	ND	
GU-4	d	Hexachlorobutadiene	87-68-3	ug/L	7/30/2007	10	n/a	ND	
GU-4	d	Hexachlorocyclopentadiene	77-47-4	ug/L	7/30/2007	10	n/a	ND	
GU-4	d	Hexachloroethane	67-72-1	ug/L	7/30/2007	10	n/a	ND	
GU-4	d	Hexachloropropene	1888-71-7	ug/L	7/30/2007	10	n/a	ND	
GU-4	d	Indeno [1,2,3-cd] pyrene	193-39-5	ug/L	7/30/2007	10	n/a	ND	
GU-4	d	Isodrin	465-73-6	ug/L	7/30/2007	10	n/a	ND	
GU-4	d	Isophorone	78-59-1	ug/L	7/30/2007	10	n/a	ND	
GU-4	d	Isosafrole	120-58-1	ug/L	7/30/2007	50	n/a	ND	
GU-4	d	Kepone	143-50-0	ug/L	7/30/2007	10	n/a	ND	
GU-4	d	Methapyrilene	91-80-5	ug/L	7/30/2007	50	n/a	ND	
GU-4	d	3-Methylcholanthrene	56-49-5	ug/L	7/30/2007	10	n/a	ND	
GU-4	d	Methyl Methanesulfonate	66-27-3	ug/L	7/30/2007	10	n/a	ND	
GU-4	d	2-Methylnaphthalene	91-57-6	ug/L	7/30/2007	10	n/a	ND	
GU-4	d	Parathion-methyl	298-00-0	ug/L	7/30/2007	10	n/a	ND	
GU-4	d	1,4-Naphthoquinone	130-15-4	ug/L	7/30/2007	10	n/a	ND	
GU-4	d	1-Naphthylamine	134-32-7	ug/L	7/30/2007	10	n/a	ND	
GU-4	d	2-Naphthylamine	91-59-8	ug/L	7/30/2007	10	n/a	ND	
GU-4	d	2-Nitroaniline	88-74-4	ug/L	7/30/2007	25	n/a	ND	
GU-4	d	3-Nitroaniline	99-09-2	ug/L	7/30/2007	25	n/a	ND	
GU-4	d	4-Nitroaniline	100-01-6	ug/L	7/30/2007	25	n/a	ND	
GU-4	d	Nitrobenzene	98-95-3	ug/L	7/30/2007	10	n/a	ND	
GU-4	d	2-Nitrophenol	88-75-5	ug/L	7/30/2007	10	n/a	ND	
GU-4	d	4-Nitrophenol	100-02-7	ug/L	7/30/2007	25	n/a	ND	
GU-4	d	N-Nitrosodi-n-butylamine	924-16-3	ug/L	7/30/2007	10	n/a	ND	
GU-4	d	N-Nitrosodiethylamine	55-18-5	ug/L	7/30/2007	10	n/a	ND	
GU-4	d	N-Nitrosodimethylamine	62-75-9	ug/L	7/30/2007	10	n/a	ND	
GU-4	d	N-Nitrosodiphenylamine	86-30-6	ug/L	7/30/2007	10	n/a	ND	
GU-4	d	N-Nitrosodi-n-propylamine	621-64-7	ug/L	7/30/2007	10	n/a	ND	
GU-4	d	N-Nitrosomethylethylamine	10595-95-6	ug/L	7/30/2007	10	n/a	ND	
GU-4	d	N-Nitrosopiperidine	100-75-4	ug/L	7/30/2007	10	n/a	ND	
GU-4	d	N-Nitrosopyrrolidine	930-55-2	ug/L	7/30/2007	10	n/a	ND	
GU-4	d	5-Nitro-o-toluidine	99-55-8	ug/L	7/30/2007	10	n/a	ND	

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GU-4	d	Parathion-ethyl	56-38-2	ug/L	7/30/2007	10	n/a	ND	
GU-4	d	Pentachlorobenzene	608-93-5	ug/L	7/30/2007	10	n/a	ND	
GU-4	d	Pentachloronitrobenzene	82-68-8	ug/L	7/30/2007	10	n/a	ND	
GU-4	d	Pentachlorophenol [2C]	87-86-5	ug/L	7/30/2007	25	n/a	ND	
GU-4	d	Phenacetin	62-44-2	ug/L	7/30/2007	10	n/a	ND	
GU-4	d	Phenanthrene	85-01-8	ug/L	7/30/2007	10	n/a	ND	
GU-4	d	Phenol	108-95-2	ug/L	7/30/2007	10	n/a	ND	
GU-4	d	1,4-Phenylenediamine	106-50-3	ug/L	7/30/2007	50	n/a	ND	
GU-4	d	Phorate	298-02-2	ug/L	7/30/2007	10	n/a	ND	
GU-4	d	Pronamide	23950-58-5	ug/L	7/30/2007	10	n/a	ND	
GU-4	d	Pyrene	129-00-0	ug/L	7/30/2007	10	n/a	ND	
GU-4	d	Safrole	94-59-7	ug/L	7/30/2007	10	n/a	ND	
GU-4	d	1,2,4,5-Tetrachlorobenzene	95-94-3	ug/L	7/30/2007	10	n/a	ND	
GU-4	d	2,3,4,6-Tetrachlorophenol	58-90-2	ug/L	7/30/2007	10	n/a	ND	
GU-4	d	o-Toluidine	95-53-4	ug/L	7/30/2007	10	n/a	ND	
GU-4	d	2,4,5-Trichlorophenol	95-95-4	ug/L	7/30/2007	25	n/a	ND	
GU-4	d	2,4,6-Trichlorophenol	88-06-2	ug/L	7/30/2007	10	n/a	ND	
GU-4	d	O,O,O-Triethyl phosphorothioate	126-68-1	ug/L	7/30/2007	10	n/a	ND	
GU-4	d	1,3,5-Trinitrobenzene	99-35-4	ug/L	7/30/2007	10	n/a	ND	
GU-4	d	Pentachloroethane	76-01-7	ug/L	7/30/2007	10	n/a	ND	
GU-4	d	Dinoseb	88-85-7	ug/L	7/30/2007	0.105	n/a	ND	
GU-4	d	Acetonitrile	75-05-8	ug/L	7/30/2007	10	n/a	ND	
GU-4	d	Isobutanol	78-83-1	mg/L	7/30/2007	10	n/a	ND	
GU-4	d	PCB-1016	12674-11-2	ug/L	7/30/2007	0.8	n/a	ND	
GU-4	d	PCB-1221	11104-28-2	ug/L	7/30/2007	0.8	n/a	ND	
GU-4	d	PCB-1232	11141-16-5	ug/L	7/30/2007	0.8	n/a	ND	
GU-4	d	PCB-1242	53469-21-9	ug/L	7/30/2007	0.8	n/a	ND	
GU-4	d	PCB-1248	12672-29-6	ug/L	7/30/2007	0.8	n/a	ND	
GU-4	d	PCB-1254	11097-69-1	ug/L	7/30/2007	0.8	n/a	ND	
GU-4	d	PCB-1260	11096-82-5	ug/L	7/30/2007	0.8	n/a	ND	
GU-4	d	PCB-1268	11100-14-4	ug/L	7/30/2007	0.8	n/a	ND	
GU-4	d	Cyanide	57-12-5	mg/L	7/30/2007	0.01	n/a	ND	
GU-4	d	Sulfide	18496-25-8	mg/L	7/30/2007	2	n/a	ND	
GU-4	d	2,4-D [2C]	94-75-7	ug/L	7/30/2007	0.105	n/a	ND	
GU-4	d	2,4,5-TP [Silvex] [2C]	93-72-1	ug/L	7/30/2007	0.105	n/a	ND	
GU-4	d	2,4,5-T [2C]	93-76-5	ug/L	7/30/2007	0.105	n/a	ND	
GU-4	d	alpha-BHC	319-84-6	ug/L	7/30/2007	0.05	n/a	ND	
GU-4	d	beta-BHC	319-85-7	ug/L	7/30/2007	0.05	n/a	ND	
GU-4	d	Dieldrin	60-57-1	ug/L	7/30/2007	0.05	n/a	ND	
GU-4	d	4,4'-DDE	72-55-9	ug/L	7/30/2007	0.05	n/a	ND	
GU-4	d	delta-BHC	319-86-8	ug/L	7/30/2007	0.05	n/a	ND	
GU-4	d	Endrin	72-20-8	ug/L	7/30/2007	0.05	n/a	ND	
GU-4	d	gamma-BHC [Lindane]	58-89-9	ug/L	7/30/2007	0.05	n/a	ND	
GU-4	d	Endosulfan II	33213-65-9	ug/L	7/30/2007	0.05	n/a	ND	
GU-4	d	Heptachlor	76-44-8	ug/L	7/30/2007	0.05	n/a	ND	
GU-4	d	4,4'-DDD	72-54-8	ug/L	7/30/2007	0.05	n/a	ND	
GU-4	d	Aldrin	309-00-2	ug/L	7/30/2007	0.05	n/a	ND	
GU-4	d	Endosulfan sulfate	1031-07-8	ug/L	7/30/2007	0.05	n/a	ND	
GU-4	d	Heptachlor epoxide	1024-57-3	ug/L	7/30/2007	0.05	n/a	ND	
GU-4	d	4,4'-DDT	50-29-3	ug/L	7/30/2007	0.05	n/a	ND	
GU-4	d	Endosulfan I	959-98-8	ug/L	7/30/2007	0.05	n/a	ND	
GU-4	d	Methoxychlor	72-43-5	ug/L	7/30/2007	0.05	n/a	ND	
GU-4	d	Toxaphene	8001-35-2	ug/L	7/30/2007	5	n/a	ND	
GU-4	d	Endrin aldehyde	7421-93-4	ug/L	7/30/2007	0.05	n/a	ND	
GU-4	d	Chlordane	57-74-9	ug/L	7/30/2007	3	n/a	ND	
GU-4BG	u	Antimony	7440-36-0	mg/L	7/30/2007	0.012	n/a	ND	
GU-4BG	u	Arsenic	7440-38-2	mg/L	7/30/2007	n/a	n/a		0.0038
GU-4BG	u	Barium	7440-39-3	mg/L	7/30/2007	n/a	n/a		0.0373
GU-4BG	u	Beryllium	7440-41-7	mg/L	7/30/2007	0.001	n/a	ND	
GU-4BG	u	Cadmium	7440-43-9	mg/L	7/30/2007	0.0005	n/a	ND	
GU-4BG	u	Chromium	7440-47-3	mg/L	7/30/2007	0.02	n/a	ND	
GU-4BG	u	Cobalt	7440-48-4	mg/L	7/30/2007	0.02	n/a	ND	
GU-4BG	u	Copper	7440-50-8	mg/L	7/30/2007	0.02	n/a	ND	
GU-4BG	u	Lead	7439-92-1	mg/L	7/30/2007	0.004	n/a	ND	
GU-4BG	u	Nickel	7440-02-0	mg/L	7/30/2007	0.05	n/a	ND	
GU-4BG	u	Selenium	7782-49-2	mg/L	7/30/2007	0.005	n/a	ND	
GU-4BG	u	Silver	7440-22-4	mg/L	7/30/2007	0.02	n/a	ND	
GU-4BG	u	Thallium	7440-28-0	mg/L	7/30/2007	0.002	n/a	ND	
GU-4BG	u	Vanadium	7440-62-2	mg/L	7/30/2007	0.05	n/a	ND	
GU-4BG	u	Zinc	7440-66-6	mg/L	7/30/2007	n/a	n/a		0.0369
GU-4BG	u	Mercury	7439-97-6	mg/L	7/30/2007	0.0002	n/a	ND	
GU-4BG	u	Tin	7440-31-5	mg/L	7/30/2007	0.1	n/a	ND	
GU-4BG	u	Acetone	67-64-1	ug/L	7/30/2007	10	n/a	ND	
GU-4BG	u	Acrylonitrile	107-13-1	ug/L	7/30/2007	10	n/a	ND	
GU-4BG	u	Benzene	71-43-2	ug/L	7/30/2007	0.5	n/a	ND	

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Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
GU-4BG	u	Bromochloromethane	74-97-5	ug/L	7/30/2007	5	n/a	ND	
GU-4BG	u	Bromodichloromethane	75-27-4	ug/L	7/30/2007	1	n/a	ND	
GU-4BG	u	Bromoform	75-25-2	ug/L	7/30/2007	5	n/a	ND	
GU-4BG	u	Carbon disulfide	75-15-0	ug/L	7/30/2007	1	n/a	ND	
GU-4BG	u	Carbon Tetrachloride	56-23-5	ug/L	7/30/2007	2	n/a	ND	
GU-4BG	u	Chlorobenzene	108-90-7	ug/L	7/30/2007	1	n/a	ND	
GU-4BG	u	Chloroethane	75-00-3	ug/L	7/30/2007	4	n/a	ND	
GU-4BG	u	Chloroform	67-66-3	ug/L	7/30/2007	1	n/a	ND	
GU-4BG	u	Chlorodibromomethane	124-48-1	ug/L	7/30/2007	5	n/a	ND	
GU-4BG	u	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	7/30/2007	10	n/a	ND	
GU-4BG	u	1,2-Dibromoethane [EDB]	106-93-4	ug/L	7/30/2007	10	n/a	ND	
GU-4BG	u	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	7/30/2007	10	n/a	ND	
GU-4BG	u	1,1-Dichloroethane	75-34-3	ug/L	7/30/2007	1	n/a	ND	
GU-4BG	u	1,2-Dichloroethane	107-06-2	ug/L	7/30/2007	1	n/a	ND	
GU-4BG	u	1,1-Dichloroethene	75-35-4	ug/L	7/30/2007	2	n/a	ND	
GU-4BG	u	cis-1,2-Dichloroethene	156-59-2	ug/L	7/30/2007	1	n/a	ND	
GU-4BG	u	trans-1,2-Dichloroethene	156-60-5	ug/L	7/30/2007	1	n/a	ND	
GU-4BG	u	1,2-Dichloropropane	78-87-5	ug/L	7/30/2007	1	n/a	ND	
GU-4BG	u	cis-1,3-Dichloropropene	10061-01-5	ug/L	7/30/2007	5	n/a	ND	
GU-4BG	u	trans-1,3-Dichloropropene	10061-02-6	ug/L	7/30/2007	5	n/a	ND	
GU-4BG	u	1,2-Dichlorobenzene	95-50-1	ug/L	7/30/2007	5.5	n/a	ND	
GU-4BG	u	1,4-Dichlorobenzene	106-46-7	ug/L	7/30/2007	5.5	n/a	ND	
GU-4BG	u	Ethylbenzene	100-41-4	ug/L	7/30/2007	1	n/a	ND	
GU-4BG	u	2-Hexanone	591-78-6	ug/L	7/30/2007	10	n/a	ND	
GU-4BG	u	Bromomethane	74-83-9	ug/L	7/30/2007	4	n/a	ND	
GU-4BG	u	Chloromethane	74-87-3	ug/L	7/30/2007	3	n/a	ND	
GU-4BG	u	2-Butanone	78-93-3	ug/L	7/30/2007	10	n/a	ND	
GU-4BG	u	Iodomethane	74-88-4	ug/L	7/30/2007	10	n/a	ND	
GU-4BG	u	4-Methyl-2-pentanone	108-10-1	ug/L	7/30/2007	10	n/a	ND	
GU-4BG	u	Methylene Bromide	74-95-3	ug/L	7/30/2007	1	n/a	ND	
GU-4BG	u	Methylene Chloride	75-09-2	ug/L	7/30/2007	5	n/a	ND	
GU-4BG	u	Styrene	100-42-5	ug/L	7/30/2007	1	n/a	ND	
GU-4BG	u	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	7/30/2007	1	n/a	ND	
GU-4BG	u	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	7/30/2007	1	n/a	ND	
GU-4BG	u	Tetrachloroethene	127-18-4	ug/L	7/30/2007	1	n/a	ND	
GU-4BG	u	Toluene	108-88-3	ug/L	7/30/2007	1	n/a	ND	
GU-4BG	u	1,1,1-Trichloroethane	71-55-6	ug/L	7/30/2007	1	n/a	ND	
GU-4BG	u	1,1,2-Trichloroethane	79-00-5	ug/L	7/30/2007	1	n/a	ND	
GU-4BG	u	Trichloroethene	79-01-6	ug/L	7/30/2007	1	n/a	ND	
GU-4BG	u	Trichlorofluoromethane	75-69-4	ug/L	7/30/2007	4	n/a	ND	
GU-4BG	u	1,2,3-Trichloropropane	96-18-4	ug/L	7/30/2007	1	n/a	ND	
GU-4BG	u	Vinyl acetate	108-05-4	ug/L	7/30/2007	2	n/a	ND	
GU-4BG	u	Vinyl chloride	75-01-4	ug/L	7/30/2007	1	n/a	ND	
GU-4BG	u	Xylenes, total	1330-20-7	ug/L	7/30/2007	3	n/a	ND	
GU-4BG	u	Acrolein	107-02-8	ug/L	7/30/2007	10	n/a	ND	
GU-4BG	u	3-Chloropropene	107-05-1	ug/L	7/30/2007	2	n/a	ND	
GU-4BG	u	Chloroprene	126-99-8	ug/L	7/30/2007	1	n/a	ND	
GU-4BG	u	Dichlorodifluoromethane	75-71-8	ug/L	7/30/2007	3	n/a	ND	
GU-4BG	u	1,3-Dichloropropane	142-28-9	ug/L	7/30/2007	1	n/a	ND	
GU-4BG	u	2,2-Dichloropropane	594-20-7	ug/L	7/30/2007	4	n/a	ND	
GU-4BG	u	1,1-Dichloropropene	563-58-6	ug/L	7/30/2007	1	n/a	ND	
GU-4BG	u	1,3-Dichlorobenzene	541-73-1	ug/L	7/30/2007	5.5	n/a	ND	
GU-4BG	u	Ethyl Methacrylate	97-63-2	ug/L	7/30/2007	2	n/a	ND	
GU-4BG	u	Methacrylonitrile	126-98-7	ug/L	7/30/2007	1	n/a	ND	
GU-4BG	u	Methyl Methacrylate	80-62-6	ug/L	7/30/2007	2	n/a	ND	
GU-4BG	u	Naphthalene	91-20-3	ug/L	7/30/2007	7.5	n/a	ND	
GU-4BG	u	Propionitrile	107-12-0	ug/L	7/30/2007	10	n/a	ND	
GU-4BG	u	1,2,4-Trichlorobenzene	120-82-1	ug/L	7/30/2007	7.5	n/a	ND	
GU-4BG	u	Acenaphthene	83-32-9	ug/L	7/30/2007	10	n/a	ND	
GU-4BG	u	Acenaphthylene	208-96-8	ug/L	7/30/2007	10	n/a	ND	
GU-4BG	u	Acetophenone	98-86-2	ug/L	7/30/2007	10	n/a	ND	
GU-4BG	u	2-Acetylaminofluorene	53-96-3	ug/L	7/30/2007	10	n/a	ND	
GU-4BG	u	4-Aminobiphenyl	92-67-1	ug/L	7/30/2007	10	n/a	ND	
GU-4BG	u	Anthracene	120-12-7	ug/L	7/30/2007	10	n/a	ND	
GU-4BG	u	Benzo [a] anthracene	56-55-3	ug/L	7/30/2007	10	n/a	ND	
GU-4BG	u	Benzo [b] fluoranthene	205-99-2	ug/L	7/30/2007	10	n/a	ND	
GU-4BG	u	Benzo [k] fluoranthene	207-08-9	ug/L	7/30/2007	10	n/a	ND	
GU-4BG	u	Benzo [g,h,i] perylene	191-24-2	ug/L	7/30/2007	10	n/a	ND	
GU-4BG	u	Benzo [a] pyrene	50-32-8	ug/L	7/30/2007	10	n/a	ND	
GU-4BG	u	Benzyl alcohol	100-51-6	ug/L	7/30/2007	50	n/a	ND	
GU-4BG	u	Bis[2-chloroethoxy]methane	111-91-1	ug/L	7/30/2007	10	n/a	ND	
GU-4BG	u	Bis[2-chloroethyl]ether	111-44-4	ug/L	7/30/2007	10	n/a	ND	
GU-4BG	u	Bis[2-chloroisopropyl]ether	108-60-1	ug/L	7/30/2007	10	n/a	ND	
GU-4BG	u	Bis[2-ethylhexyl]phthalate	117-81-7	ug/L	7/30/2007	10	n/a	ND	
GU-4BG	u	4-Bromophenyl phenyl ether	101-55-3	ug/L	7/30/2007	10	n/a	ND	

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Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
GU-4BG	u	Butyl benzyl phthalate	85-68-7	ug/L	7/30/2007	10	n/a	ND	
GU-4BG	u	4-Chloroaniline	106-47-8	ug/L	7/30/2007	10	n/a	ND	
GU-4BG	u	Chlorobenzilate	510-15-6	ug/L	7/30/2007	50	n/a	ND	
GU-4BG	u	4-Chloro-3-methylphenol	59-50-7	ug/L	7/30/2007	10	n/a	ND	
GU-4BG	u	2-Chloronaphthalene	91-58-7	ug/L	7/30/2007	10	n/a	ND	
GU-4BG	u	2-Chlorophenol	95-57-8	ug/L	7/30/2007	10	n/a	ND	
GU-4BG	u	4-Chlorophenyl phenyl ether	7005-72-3	ug/L	7/30/2007	10	n/a	ND	
GU-4BG	u	Chrysene	218-01-9	ug/L	7/30/2007	10	n/a	ND	
GU-4BG	u	3/4-Methylphenol	T-34MP	ug/L	7/30/2007	10	n/a	ND	
GU-4BG	u	2-Methylphenol	95-48-7	ug/L	7/30/2007	10	n/a	ND	
GU-4BG	u	Diallate [cis or trans]	2303-16-4	ug/L	7/30/2007	50	n/a	ND	
GU-4BG	u	Dibenz [a,h] anthracene	53-70-3	ug/L	7/30/2007	10	n/a	ND	
GU-4BG	u	Dibenzofuran	132-64-9	ug/L	7/30/2007	10	n/a	ND	
GU-4BG	u	Di-n-butyl phthalate	84-74-2	ug/L	7/30/2007	10	n/a	ND	
GU-4BG	u	3,3-Dichlorobenzidine	91-94-1	ug/L	7/30/2007	10	n/a	ND	
GU-4BG	u	2,4-Dichlorophenol	120-83-2	ug/L	7/30/2007	10	n/a	ND	
GU-4BG	u	2,6-Dichlorophenol	87-65-0	ug/L	7/30/2007	20	n/a	ND	
GU-4BG	u	Diethyl phthalate	84-66-2	ug/L	7/30/2007	10	n/a	ND	
GU-4BG	u	Thionazin	297-97-2	ug/L	7/30/2007	10	n/a	ND	
GU-4BG	u	7,12-Dimethylbenz [a] anthracene	57-97-6	ug/L	7/30/2007	10	n/a	ND	
GU-4BG	u	Dimethoate	60-51-5	ug/L	7/30/2007	10	n/a	ND	
GU-4BG	u	Dimethylaminoazobenzene	60-11-7	ug/L	7/30/2007	10	n/a	ND	
GU-4BG	u	3,3-Dimethylbenzidine	119-93-7	ug/L	7/30/2007	50	n/a	ND	
GU-4BG	u	2,4-Dimethylphenol	105-67-9	ug/L	7/30/2007	10	n/a	ND	
GU-4BG	u	Dimethyl phthalate	131-11-3	ug/L	7/30/2007	10	n/a	ND	
GU-4BG	u	1,3-Dinitrobenzene	99-65-0	ug/L	7/30/2007	10	n/a	ND	
GU-4BG	u	4,6-Dinitro-2-methylphenol	534-52-1	ug/L	7/30/2007	25	n/a	ND	
GU-4BG	u	2,4-Dinitrophenol	51-28-5	ug/L	7/30/2007	25	n/a	ND	
GU-4BG	u	2,4-Dinitrotoluene	121-14-2	ug/L	7/30/2007	10	n/a	ND	
GU-4BG	u	2,6-Dinitrotoluene	606-20-2	ug/L	7/30/2007	10	n/a	ND	
GU-4BG	u	Di-n-octyl phthalate	117-84-0	ug/L	7/30/2007	10	n/a	ND	
GU-4BG	u	Diphenylamine	122-39-4	ug/L	7/30/2007	10	n/a	ND	
GU-4BG	u	Disulfoton	298-04-4	ug/L	7/30/2007	10	n/a	ND	
GU-4BG	u	Ethyl Methanesulfonate	62-50-0	ug/L	7/30/2007	10	n/a	ND	
GU-4BG	u	Famphur	52-85-7	ug/L	7/30/2007	10	n/a	ND	
GU-4BG	u	Fluoranthene	206-44-0	ug/L	7/30/2007	10	n/a	ND	
GU-4BG	u	Fluorene	86-73-7	ug/L	7/30/2007	10	n/a	ND	
GU-4BG	u	Hexachlorobenzene	118-74-1	ug/L	7/30/2007	10	n/a	ND	
GU-4BG	u	Hexachlorobutadiene	87-68-3	ug/L	7/30/2007	10	n/a	ND	
GU-4BG	u	Hexachlorocyclopentadiene	77-47-4	ug/L	7/30/2007	10	n/a	ND	
GU-4BG	u	Hexachloroethane	67-72-1	ug/L	7/30/2007	10	n/a	ND	
GU-4BG	u	Hexachloropropene	1888-71-7	ug/L	7/30/2007	10	n/a	ND	
GU-4BG	u	Indeno [1,2,3-cd] pyrene	193-39-5	ug/L	7/30/2007	10	n/a	ND	
GU-4BG	u	Isodrin	465-73-6	ug/L	7/30/2007	10	n/a	ND	
GU-4BG	u	Isophorone	78-59-1	ug/L	7/30/2007	10	n/a	ND	
GU-4BG	u	Isosafrole	120-58-1	ug/L	7/30/2007	50	n/a	ND	
GU-4BG	u	Kepone	143-50-0	ug/L	7/30/2007	10	n/a	ND	
GU-4BG	u	Methapyrilene	91-80-5	ug/L	7/30/2007	50	n/a	ND	
GU-4BG	u	3-Methylcholanthrene	56-49-5	ug/L	7/30/2007	10	n/a	ND	
GU-4BG	u	Methyl Methanesulfonate	66-27-3	ug/L	7/30/2007	10	n/a	ND	
GU-4BG	u	2-Methylnaphthalene	91-57-6	ug/L	7/30/2007	10	n/a	ND	
GU-4BG	u	Parathion-methyl	298-00-0	ug/L	7/30/2007	10	n/a	ND	
GU-4BG	u	1,4-Naphthoquinone	130-15-4	ug/L	7/30/2007	10	n/a	ND	
GU-4BG	u	1-Naphthylamine	134-32-7	ug/L	7/30/2007	10	n/a	ND	
GU-4BG	u	2-Naphthylamine	91-59-8	ug/L	7/30/2007	10	n/a	ND	
GU-4BG	u	2-Nitroaniline	88-74-4	ug/L	7/30/2007	25	n/a	ND	
GU-4BG	u	3-Nitroaniline	99-09-2	ug/L	7/30/2007	25	n/a	ND	
GU-4BG	u	4-Nitroaniline	100-01-6	ug/L	7/30/2007	25	n/a	ND	
GU-4BG	u	Nitrobenzene	98-95-3	ug/L	7/30/2007	10	n/a	ND	
GU-4BG	u	2-Nitrophenol	88-75-5	ug/L	7/30/2007	10	n/a	ND	
GU-4BG	u	4-Nitrophenol	100-02-7	ug/L	7/30/2007	25	n/a	ND	
GU-4BG	u	N-Nitrosodi-n-butylamine	924-16-3	ug/L	7/30/2007	10	n/a	ND	
GU-4BG	u	N-Nitrosodiethylamine	55-18-5	ug/L	7/30/2007	10	n/a	ND	
GU-4BG	u	N-Nitrosodimethylamine	62-75-9	ug/L	7/30/2007	10	n/a	ND	
GU-4BG	u	N-Nitrosodiphenylamine	86-30-6	ug/L	7/30/2007	10	n/a	ND	
GU-4BG	u	N-Nitrosodi-n-propylamine	621-64-7	ug/L	7/30/2007	10	n/a	ND	
GU-4BG	u	N-Nitrosomethylethylamine	10595-95-6	ug/L	7/30/2007	10	n/a	ND	
GU-4BG	u	N-Nitrosopiperidine	100-75-4	ug/L	7/30/2007	10	n/a	ND	
GU-4BG	u	N-Nitrosopyrrolidine	930-55-2	ug/L	7/30/2007	10	n/a	ND	
GU-4BG	u	5-Nitro-o-toluidine	99-55-8	ug/L	7/30/2007	10	n/a	ND	
GU-4BG	u	Parathion-ethyl	56-38-2	ug/L	7/30/2007	10	n/a	ND	
GU-4BG	u	Pentachlorobenzene	608-93-5	ug/L	7/30/2007	10	n/a	ND	
GU-4BG	u	Pentachloronitrobenzene	82-68-8	ug/L	7/30/2007	10	n/a	ND	
GU-4BG	u	Pentachlorophenol [2C]	87-86-5	ug/L	7/30/2007	25	n/a	ND	
GU-4BG	u	Phenacetin	62-44-2	ug/L	7/30/2007	10	n/a	ND	

Table 9A
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Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
GU-4BG	u	Phenanthrene	85-01-8	ug/L	7/30/2007	10	n/a	ND	
GU-4BG	u	Phenol	108-95-2	ug/L	7/30/2007	10	n/a	ND	
GU-4BG	u	1,4-Phenylenediamine	106-50-3	ug/L	7/30/2007	50	n/a	ND	
GU-4BG	u	Phorate	298-02-2	ug/L	7/30/2007	10	n/a	ND	
GU-4BG	u	Pronamide	23950-58-5	ug/L	7/30/2007	10	n/a	ND	
GU-4BG	u	Pyrene	129-00-0	ug/L	7/30/2007	10	n/a	ND	
GU-4BG	u	Safrole	94-59-7	ug/L	7/30/2007	10	n/a	ND	
GU-4BG	u	1,2,4,5-Tetrachlorobenzene	95-94-3	ug/L	7/30/2007	10	n/a	ND	
GU-4BG	u	2,3,4,6-Tetrachlorophenol	58-90-2	ug/L	7/30/2007	10	n/a	ND	
GU-4BG	u	o-Toluidine	95-53-4	ug/L	7/30/2007	10	n/a	ND	
GU-4BG	u	2,4,5-Trichlorophenol	95-95-4	ug/L	7/30/2007	25	n/a	ND	
GU-4BG	u	2,4,6-Trichlorophenol	88-06-2	ug/L	7/30/2007	10	n/a	ND	
GU-4BG	u	O,O,O-Triethyl phosphorothioate	126-68-1	ug/L	7/30/2007	10	n/a	ND	
GU-4BG	u	1,3,5-Trinitrobenzene	99-35-4	ug/L	7/30/2007	10	n/a	ND	
GU-4BG	u	Pentachloroethane	76-01-7	ug/L	7/30/2007	10	n/a	ND	
GU-4BG	u	Dinoseb	88-85-7	ug/L	7/30/2007	0.105	n/a	ND	
GU-4BG	u	Acetonitrile	75-05-8	ug/L	7/30/2007	10	n/a	ND	
GU-4BG	u	Isobutanol	78-83-1	mg/L	7/30/2007	10	n/a	ND	
GU-4BG	u	PCB-1016	12674-11-2	ug/L	7/30/2007	0.8	n/a	ND	
GU-4BG	u	PCB-1221	11104-28-2	ug/L	7/30/2007	0.8	n/a	ND	
GU-4BG	u	PCB-1232	11141-16-5	ug/L	7/30/2007	0.8	n/a	ND	
GU-4BG	u	PCB-1242	53469-21-9	ug/L	7/30/2007	0.8	n/a	ND	
GU-4BG	u	PCB-1248	12672-29-6	ug/L	7/30/2007	0.8	n/a	ND	
GU-4BG	u	PCB-1254	11097-69-1	ug/L	7/30/2007	0.8	n/a	ND	
GU-4BG	u	PCB-1260	11096-82-5	ug/L	7/30/2007	0.8	n/a	ND	
GU-4BG	u	PCB-1268	11100-14-4	ug/L	7/30/2007	0.8	n/a	ND	
GU-4BG	u	Cyanide	57-12-5	mg/L	7/30/2007	0.01	n/a	ND	
GU-4BG	u	Sulfide	18496-25-8	mg/L	7/30/2007	2	n/a	ND	
GU-4BG	u	2,4-D [2C]	94-75-7	ug/L	7/30/2007	0.105	n/a	ND	
GU-4BG	u	2,4,5-TP [Silvex] [2C]	93-72-1	ug/L	7/30/2007	0.105	n/a	ND	
GU-4BG	u	2,4,5-T [2C]	93-76-5	ug/L	7/30/2007	0.105	n/a	ND	
GU-4BG	u	alpha-BHC	319-84-6	ug/L	7/30/2007	0.05	n/a	ND	
GU-4BG	u	beta-BHC	319-85-7	ug/L	7/30/2007	0.05	n/a	ND	
GU-4BG	u	Dieldrin	60-57-1	ug/L	7/30/2007	0.05	n/a	ND	
GU-4BG	u	4,4'-DDE	72-55-9	ug/L	7/30/2007	0.05	n/a	ND	
GU-4BG	u	delta-BHC	319-86-8	ug/L	7/30/2007	0.05	n/a	ND	
GU-4BG	u	Endrin	72-20-8	ug/L	7/30/2007	0.05	n/a	ND	
GU-4BG	u	gamma-BHC [Lindane]	58-89-9	ug/L	7/30/2007	0.05	n/a	ND	
GU-4BG	u	Endosulfan II	33213-65-9	ug/L	7/30/2007	0.05	n/a	ND	
GU-4BG	u	Heptachlor	76-44-8	ug/L	7/30/2007	0.05	n/a	ND	
GU-4BG	u	4,4'-DDD	72-54-8	ug/L	7/30/2007	0.05	n/a	ND	
GU-4BG	u	Aldrin	309-00-2	ug/L	7/30/2007	0.05	n/a	ND	
GU-4BG	u	Endosulfan sulfate	1031-07-8	ug/L	7/30/2007	0.05	n/a	ND	
GU-4BG	u	Heptachlor epoxide	1024-57-3	ug/L	7/30/2007	0.05	n/a	ND	
GU-4BG	u	4,4'-DDT	50-29-3	ug/L	7/30/2007	0.05	n/a	ND	
GU-4BG	u	Endosulfan I	959-98-8	ug/L	7/30/2007	0.05	n/a	ND	
GU-4BG	u	Methoxychlor	72-43-5	ug/L	7/30/2007	0.05	n/a	ND	
GU-4BG	u	Toxaphene	8001-35-2	ug/L	7/30/2007	5	n/a	ND	
GU-4BG	u	Endrin aldehyde	7421-93-4	ug/L	7/30/2007	0.05	n/a	ND	
GU-4BG	u	Chlordane	57-74-9	ug/L	7/30/2007	3	n/a	ND	
MW-26	u	Antimony	7440-36-0	mg/L	8/8/2007	0.006	n/a	ND	
MW-26	u	Arsenic	7440-38-2	mg/L	8/8/2007	0.001	n/a	ND	
MW-26	u	Barium	7440-39-3	mg/L	8/8/2007	n/a	n/a		0.262
MW-26	u	Beryllium	7440-41-7	mg/L	8/8/2007	0.001	n/a	ND	
MW-26	u	Cadmium	7440-43-9	mg/L	8/8/2007	0.0005	n/a	ND	
MW-26	u	Chromium	7440-47-3	mg/L	8/8/2007	0.02	n/a	ND	
MW-26	u	Cobalt	7440-48-4	mg/L	8/8/2007	0.02	n/a	ND	
MW-26	u	Copper	7440-50-8	mg/L	8/8/2007	0.02	n/a	ND	
MW-26	u	Lead	7439-92-1	mg/L	8/8/2007	0.004	n/a	ND	
MW-26	u	Nickel	7440-02-0	mg/L	8/8/2007	0.05	n/a	ND	
MW-26	u	Selenium	7782-49-2	mg/L	8/8/2007	0.005	n/a	ND	
MW-26	u	Silver	7440-22-4	mg/L	8/8/2007	0.02	n/a	ND	
MW-26	u	Thallium	7440-28-0	mg/L	8/8/2007	0.002	n/a	ND	
MW-26	u	Vanadium	7440-62-2	mg/L	8/8/2007	0.05	n/a	ND	
MW-26	u	Zinc	7440-66-6	mg/L	8/8/2007	0.02	n/a	ND	
MW-26	u	Mercury	7439-97-6	mg/L	8/8/2007	0.0002	n/a	ND	
MW-26	u	Tin	7440-31-5	mg/L	8/8/2007	0.1	n/a	ND	
MW-26	u	Acetone	67-64-1	ug/L	8/8/2007	10	n/a	ND	
MW-26	u	Acrylonitrile	107-13-1	ug/L	8/8/2007	10	n/a	ND	
MW-26	u	Benzene	71-43-2	ug/L	8/8/2007	0.5	n/a	ND	
MW-26	u	Bromochloromethane	74-97-5	ug/L	8/8/2007	5	n/a	ND	
MW-26	u	Bromodichloromethane	75-27-4	ug/L	8/8/2007	1	n/a	ND	
MW-26	u	Bromoform	75-25-2	ug/L	8/8/2007	5	n/a	ND	
MW-26	u	Carbon disulfide	75-15-0	ug/L	8/8/2007	1	n/a	ND	
MW-26	u	Carbon Tetrachloride	56-23-5	ug/L	8/8/2007	2	n/a	ND	

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MW-26	u	Chlorobenzene	108-90-7	ug/L	8/8/2007	1	n/a	ND	
MW-26	u	Chloroethane	75-00-3	ug/L	8/8/2007	4	n/a	ND	
MW-26	u	Chloroform	67-66-3	ug/L	8/8/2007	1	n/a	ND	
MW-26	u	Chlorodibromomethane	124-48-1	ug/L	8/8/2007	5	n/a	ND	
MW-26	u	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	8/8/2007	10	n/a	ND	
MW-26	u	1,2-Dibromoethane [EDB]	106-93-4	ug/L	8/8/2007	10	n/a	ND	
MW-26	u	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	8/8/2007	10	n/a	ND	
MW-26	u	1,1-Dichloroethane	75-34-3	ug/L	8/8/2007	1	n/a	ND	
MW-26	u	1,2-Dichloroethane	107-06-2	ug/L	8/8/2007	1	n/a	ND	
MW-26	u	1,1-Dichloroethene	75-35-4	ug/L	8/8/2007	2	n/a	ND	
MW-26	u	cis-1,2-Dichloroethene	156-59-2	ug/L	8/8/2007	1	n/a	ND	
MW-26	u	trans-1,2-Dichloroethene	156-60-5	ug/L	8/8/2007	1	n/a	ND	
MW-26	u	1,2-Dichloropropane	78-87-5	ug/L	8/8/2007	1	n/a	ND	
MW-26	u	cis-1,3-Dichloropropene	10061-01-5	ug/L	8/8/2007	5	n/a	ND	
MW-26	u	trans-1,3-Dichloropropene	10061-02-6	ug/L	8/8/2007	5	n/a	ND	
MW-26	u	1,2-Dichlorobenzene	95-50-1	ug/L	8/8/2007	5.355	n/a	ND	
MW-26	u	1,4-Dichlorobenzene	106-46-7	ug/L	8/8/2007	5.355	n/a	ND	
MW-26	u	Ethylbenzene	100-41-4	ug/L	8/8/2007	1	n/a	ND	
MW-26	u	2-Hexanone	591-78-6	ug/L	8/8/2007	10	n/a	ND	
MW-26	u	Bromomethane	74-83-9	ug/L	8/8/2007	4	n/a	ND	
MW-26	u	Chloromethane	74-87-3	ug/L	8/8/2007	3	n/a	ND	
MW-26	u	2-Butanone	78-93-3	ug/L	8/8/2007	10	n/a	ND	
MW-26	u	Iodomethane	74-88-4	ug/L	8/8/2007	10	n/a	ND	
MW-26	u	4-Methyl-2-pentanone	108-10-1	ug/L	8/8/2007	10	n/a	ND	
MW-26	u	Methylene Bromide	74-95-3	ug/L	8/8/2007	1	n/a	ND	
MW-26	u	Methylene Chloride	75-09-2	ug/L	8/8/2007	5	n/a	ND	
MW-26	u	Styrene	100-42-5	ug/L	8/8/2007	1	n/a	ND	
MW-26	u	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	8/8/2007	1	n/a	ND	
MW-26	u	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	8/8/2007	1	n/a	ND	
MW-26	u	Tetrachloroethene	127-18-4	ug/L	8/8/2007	1	n/a	ND	
MW-26	u	Toluene	108-88-3	ug/L	8/8/2007	1	n/a	ND	
MW-26	u	1,1,1-Trichloroethane	71-55-6	ug/L	8/8/2007	1	n/a	ND	
MW-26	u	1,1,2-Trichloroethane	79-00-5	ug/L	8/8/2007	1	n/a	ND	
MW-26	u	Trichloroethene	79-01-6	ug/L	8/8/2007	1	n/a	ND	
MW-26	u	Trichlorofluoromethane	75-69-4	ug/L	8/8/2007	4	n/a	ND	
MW-26	u	1,2,3-Trichloropropane	96-18-4	ug/L	8/8/2007	1	n/a	ND	
MW-26	u	Vinyl acetate	108-05-4	ug/L	8/8/2007	2	n/a	ND	
MW-26	u	Vinyl chloride	75-01-4	ug/L	8/8/2007	1	n/a	ND	
MW-26	u	Xylenes, total	1330-20-7	ug/L	8/8/2007	3	n/a	ND	
MW-26	u	Acrolein	107-02-8	ug/L	8/8/2007	10	n/a	ND	
MW-26	u	3-Chloropropene	107-05-1	ug/L	8/8/2007	2	n/a	ND	
MW-26	u	Chloroprene	126-99-8	ug/L	8/8/2007	1	n/a	ND	
MW-26	u	Dichlorodifluoromethane	75-71-8	ug/L	8/8/2007	3	n/a	ND	
MW-26	u	1,3-Dichloropropane	142-28-9	ug/L	8/8/2007	1	n/a	ND	
MW-26	u	2,2-Dichloropropane	594-20-7	ug/L	8/8/2007	4	n/a	ND	
MW-26	u	1,1-Dichloropropene	563-58-6	ug/L	8/8/2007	1	n/a	ND	
MW-26	u	1,3-Dichlorobenzene	541-73-1	ug/L	8/8/2007	5.355	n/a	ND	
MW-26	u	Ethyl Methacrylate	97-63-2	ug/L	8/8/2007	2	n/a	ND	
MW-26	u	Methacrylonitrile	126-98-7	ug/L	8/8/2007	1	n/a	ND	
MW-26	u	Methyl Methacrylate	80-62-6	ug/L	8/8/2007	2	n/a	ND	
MW-26	u	Naphthalene	91-20-3	ug/L	8/8/2007	7.355	n/a	ND	
MW-26	u	Propionitrile	107-12-0	ug/L	8/8/2007	10	n/a	ND	
MW-26	u	1,2,4-Trichlorobenzene	120-82-1	ug/L	8/8/2007	7.355	n/a	ND	
MW-26	u	Acenaphthene	83-32-9	ug/L	8/8/2007	9.71	n/a	ND	
MW-26	u	Acenaphthylene	208-96-8	ug/L	8/8/2007	9.71	n/a	ND	
MW-26	u	Acetophenone	98-86-2	ug/L	8/8/2007	9.71	n/a	ND	
MW-26	u	2-Acetylaminofluorene	53-96-3	ug/L	8/8/2007	9.71	n/a	ND	
MW-26	u	4-Aminobiphenyl	92-67-1	ug/L	8/8/2007	9.71	n/a	ND	
MW-26	u	Anthracene	120-12-7	ug/L	8/8/2007	9.71	n/a	ND	
MW-26	u	Benzo [a] anthracene	56-55-3	ug/L	8/8/2007	9.71	n/a	ND	
MW-26	u	Benzo [b] fluoranthene	205-99-2	ug/L	8/8/2007	9.71	n/a	ND	
MW-26	u	Benzo [k] fluoranthene	207-08-9	ug/L	8/8/2007	9.71	n/a	ND	
MW-26	u	Benzo [g,h,i] perylene	191-24-2	ug/L	8/8/2007	9.71	n/a	ND	
MW-26	u	Benzo [a] pyrene	50-32-8	ug/L	8/8/2007	9.71	n/a	ND	
MW-26	u	Benzyl alcohol	100-51-6	ug/L	8/8/2007	48.5	n/a	ND	
MW-26	u	Bis[2-chloroethoxy]methane	111-91-1	ug/L	8/8/2007	9.71	n/a	ND	
MW-26	u	Bis[2-chloroethyl]ether	111-44-4	ug/L	8/8/2007	9.71	n/a	ND	
MW-26	u	Bis[2-chloroisopropyl]ether	108-60-1	ug/L	8/8/2007	9.71	n/a	ND	
MW-26	u	Bis[2-ethylhexyl]phthalate	117-81-7	ug/L	8/8/2007	9.71	n/a	ND	
MW-26	u	4-Bromophenyl phenyl ether	101-55-3	ug/L	8/8/2007	9.71	n/a	ND	
MW-26	u	Butyl benzyl phthalate	85-68-7	ug/L	8/8/2007	9.71	n/a	ND	
MW-26	u	4-Chloroaniline	106-47-8	ug/L	8/8/2007	9.71	n/a	ND	
MW-26	u	Chlorobenzilate	510-15-6	ug/L	8/8/2007	48.5	n/a	ND	
MW-26	u	4-Chloro-3-methylphenol	59-50-7	ug/L	8/8/2007	9.71	n/a	ND	
MW-26	u	2-Chloronaphthalene	91-58-7	ug/L	8/8/2007	9.71	n/a	ND	

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MW-26	u	2-Chlorophenol	95-57-8	ug/L	8/8/2007	9.71	n/a	ND	
MW-26	u	4-Chlorophenyl phenyl ether	7005-72-3	ug/L	8/8/2007	9.71	n/a	ND	
MW-26	u	Chrysene	218-01-9	ug/L	8/8/2007	9.71	n/a	ND	
MW-26	u	3/4-Methylphenol	T-34MP	ug/L	8/8/2007	9.71	n/a	ND	
MW-26	u	2-Methylphenol	95-48-7	ug/L	8/8/2007	9.71	n/a	ND	
MW-26	u	Diallate [cis or trans]	2303-16-4	ug/L	8/8/2007	48.5	n/a	ND	
MW-26	u	Dibenz [a,h] anthracene	53-70-3	ug/L	8/8/2007	9.71	n/a	ND	
MW-26	u	Dibenzofuran	132-64-9	ug/L	8/8/2007	9.71	n/a	ND	
MW-26	u	Di-n-butyl phthalate	84-74-2	ug/L	8/8/2007	9.71	n/a	ND	
MW-26	u	3,3-Dichlorobenzidine	91-94-1	ug/L	8/8/2007	9.71	n/a	ND	
MW-26	u	2,4-Dichlorophenol	120-83-2	ug/L	8/8/2007	9.71	n/a	ND	
MW-26	u	2,6-Dichlorophenol	87-65-0	ug/L	8/8/2007	19.4	n/a	ND	
MW-26	u	Diethyl phthalate	84-66-2	ug/L	8/8/2007	9.71	n/a	ND	
MW-26	u	Thionazin	297-97-2	ug/L	8/8/2007	9.71	n/a	ND	
MW-26	u	7,12-Dimethylbenz [a] anthracene	57-97-6	ug/L	8/8/2007	9.71	n/a	ND	
MW-26	u	Dimethoate	60-51-5	ug/L	8/8/2007	9.71	n/a	ND	
MW-26	u	Dimethylaminoazobenzene	60-11-7	ug/L	8/8/2007	9.71	n/a	ND	
MW-26	u	3,3-Dimethylbenzidine	119-93-7	ug/L	8/8/2007	48.5	n/a	ND	
MW-26	u	2,4-Dimethylphenol	105-67-9	ug/L	8/8/2007	9.71	n/a	ND	
MW-26	u	Dimethyl phthalate	131-11-3	ug/L	8/8/2007	9.71	n/a	ND	
MW-26	u	1,3-Dinitrobenzene	99-65-0	ug/L	8/8/2007	9.71	n/a	ND	
MW-26	u	4,6-Dinitro-2-methylphenol	534-52-1	ug/L	8/8/2007	24.3	n/a	ND	
MW-26	u	2,4-Dinitrophenol	51-28-5	ug/L	8/8/2007	24.3	n/a	ND	
MW-26	u	2,4-Dinitrotoluene	121-14-2	ug/L	8/8/2007	9.71	n/a	ND	
MW-26	u	2,6-Dinitrotoluene	606-20-2	ug/L	8/8/2007	9.71	n/a	ND	
MW-26	u	Di-n-octyl phthalate	117-84-0	ug/L	8/8/2007	9.71	n/a	ND	
MW-26	u	Diphenylamine	122-39-4	ug/L	8/8/2007	9.71	n/a	ND	
MW-26	u	Disulfoton	298-04-4	ug/L	8/8/2007	9.71	n/a	ND	
MW-26	u	Ethyl Methanesulfonate	62-50-0	ug/L	8/8/2007	9.71	n/a	ND	
MW-26	u	Famphur	52-85-7	ug/L	8/8/2007	9.71	n/a	ND	
MW-26	u	Fluoranthene	206-44-0	ug/L	8/8/2007	9.71	n/a	ND	
MW-26	u	Fluorene	86-73-7	ug/L	8/8/2007	9.71	n/a	ND	
MW-26	u	Hexachlorobenzene	118-74-1	ug/L	8/8/2007	9.71	n/a	ND	
MW-26	u	Hexachlorobutadiene	87-68-3	ug/L	8/8/2007	9.71	n/a	ND	
MW-26	u	Hexachlorocyclopentadiene	77-47-4	ug/L	8/8/2007	9.71	n/a	ND	
MW-26	u	Hexachloroethane	67-72-1	ug/L	8/8/2007	9.71	n/a	ND	
MW-26	u	Hexachloropropene	1888-71-7	ug/L	8/8/2007	9.71	n/a	ND	
MW-26	u	Indeno [1,2,3-cd] pyrene	193-39-5	ug/L	8/8/2007	9.71	n/a	ND	
MW-26	u	Isodrin	465-73-6	ug/L	8/8/2007	9.71	n/a	ND	
MW-26	u	Isophorone	78-59-1	ug/L	8/8/2007	9.71	n/a	ND	
MW-26	u	Isosafrole	120-58-1	ug/L	8/8/2007	48.5	n/a	ND	
MW-26	u	Kepone	143-50-0	ug/L	8/8/2007	9.71	n/a	ND	
MW-26	u	Methapyrilene	91-80-5	ug/L	8/8/2007	48.5	n/a	ND	
MW-26	u	3-Methylcholanthrene	56-49-5	ug/L	8/8/2007	9.71	n/a	ND	
MW-26	u	Methyl Methanesulfonate	66-27-3	ug/L	8/8/2007	9.71	n/a	ND	
MW-26	u	2-Methylnaphthalene	91-57-6	ug/L	8/8/2007	9.71	n/a	ND	
MW-26	u	Parathion-methyl	298-00-0	ug/L	8/8/2007	9.71	n/a	ND	
MW-26	u	1,4-Naphthoquinone	130-15-4	ug/L	8/8/2007	9.71	n/a	ND	
MW-26	u	1-Naphthylamine	134-32-7	ug/L	8/8/2007	9.71	n/a	ND	
MW-26	u	2-Naphthylamine	91-59-8	ug/L	8/8/2007	9.71	n/a	ND	
MW-26	u	2-Nitroaniline	88-74-4	ug/L	8/8/2007	24.3	n/a	ND	
MW-26	u	3-Nitroaniline	99-09-2	ug/L	8/8/2007	24.3	n/a	ND	
MW-26	u	4-Nitroaniline	100-01-6	ug/L	8/8/2007	24.3	n/a	ND	
MW-26	u	Nitrobenzene	98-95-3	ug/L	8/8/2007	9.71	n/a	ND	
MW-26	u	2-Nitrophenol	88-75-5	ug/L	8/8/2007	9.71	n/a	ND	
MW-26	u	4-Nitrophenol	100-02-7	ug/L	8/8/2007	24.3	n/a	ND	
MW-26	u	N-Nitrosodi-n-butylamine	924-16-3	ug/L	8/8/2007	9.71	n/a	ND	
MW-26	u	N-Nitrosodiethylamine	55-18-5	ug/L	8/8/2007	9.71	n/a	ND	
MW-26	u	N-Nitrosodimethylamine	62-75-9	ug/L	8/8/2007	9.71	n/a	ND	
MW-26	u	N-Nitrosodiphenylamine	86-30-6	ug/L	8/8/2007	9.71	n/a	ND	
MW-26	u	N-Nitrosodi-n-propylamine	621-64-7	ug/L	8/8/2007	9.71	n/a	ND	
MW-26	u	N-Nitrosomethylethylamine	10595-95-6	ug/L	8/8/2007	9.71	n/a	ND	
MW-26	u	N-Nitrosopiperidine	100-75-4	ug/L	8/8/2007	9.71	n/a	ND	
MW-26	u	N-Nitrosopyrrolidine	930-55-2	ug/L	8/8/2007	9.71	n/a	ND	
MW-26	u	5-Nitro-o-toluidine	99-55-8	ug/L	8/8/2007	9.71	n/a	ND	
MW-26	u	Parathion-ethyl	56-38-2	ug/L	8/8/2007	9.71	n/a	ND	
MW-26	u	Pentachlorobenzene	608-93-5	ug/L	8/8/2007	9.71	n/a	ND	
MW-26	u	Pentachloronitrobenzene	82-68-8	ug/L	8/8/2007	9.71	n/a	ND	
MW-26	u	Pentachlorophenol [2C]	87-86-5	ug/L	8/8/2007	24.3	n/a	ND	
MW-26	u	Phenacetin	62-44-2	ug/L	8/8/2007	9.71	n/a	ND	
MW-26	u	Phenanthrene	85-01-8	ug/L	8/8/2007	9.71	n/a	ND	
MW-26	u	Phenol	108-95-2	ug/L	8/8/2007	9.71	n/a	ND	
MW-26	u	1,4-Phenylenediamine	106-50-3	ug/L	8/8/2007	48.5	n/a	ND	
MW-26	u	Phorate	298-02-2	ug/L	8/8/2007	9.71	n/a	ND	
MW-26	u	Pronamide	23950-58-5	ug/L	8/8/2007	9.71	n/a	ND	

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Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-26	u	Pyrene	129-00-0	ug/L	8/8/2007	9.71	n/a	ND	
MW-26	u	Safrole	94-59-7	ug/L	8/8/2007	9.71	n/a	ND	
MW-26	u	1,2,4,5-Tetrachlorobenzene	95-94-3	ug/L	8/8/2007	9.71	n/a	ND	
MW-26	u	2,3,4,6-Tetrachlorophenol	58-90-2	ug/L	8/8/2007	9.71	n/a	ND	
MW-26	u	o-Toluidine	95-53-4	ug/L	8/8/2007	9.71	n/a	ND	
MW-26	u	2,4,5-Trichlorophenol	95-95-4	ug/L	8/8/2007	24.3	n/a	ND	
MW-26	u	2,4,6-Trichlorophenol	88-06-2	ug/L	8/8/2007	9.71	n/a	ND	
MW-26	u	O,O,O-Triethyl phosphorothioate	126-68-1	ug/L	8/8/2007	9.71	n/a	ND	
MW-26	u	1,3,5-Trinitrobenzene	99-35-4	ug/L	8/8/2007	9.71	n/a	ND	
MW-26	u	Pentachloroethane	76-01-7	ug/L	8/8/2007	9.71	n/a	ND	
MW-26	u	Dinoseb	88-85-7	ug/L	8/8/2007	0.105	n/a	ND	
MW-26	u	Acetonitrile	75-05-8	ug/L	8/8/2007	10	n/a	ND	
MW-26	u	Isobutanol	78-83-1	mg/L	8/8/2007	10	n/a	ND	
MW-26	u	PCB-1016	12674-11-2	ug/L	8/8/2007	0.8	n/a	ND	
MW-26	u	PCB-1221	11104-28-2	ug/L	8/8/2007	0.8	n/a	ND	
MW-26	u	PCB-1232	11141-16-5	ug/L	8/8/2007	0.8	n/a	ND	
MW-26	u	PCB-1242	53469-21-9	ug/L	8/8/2007	0.8	n/a	ND	
MW-26	u	PCB-1248	12672-29-6	ug/L	8/8/2007	0.8	n/a	ND	
MW-26	u	PCB-1254	11097-69-1	ug/L	8/8/2007	0.8	n/a	ND	
MW-26	u	PCB-1260	11096-82-5	ug/L	8/8/2007	0.8	n/a	ND	
MW-26	u	PCB-1268	11100-14-4	ug/L	8/8/2007	0.8	n/a	ND	
MW-26	u	Cyanide	57-12-5	mg/L	8/8/2007	0.01	n/a	ND	
MW-26	u	Sulfide	18496-25-8	mg/L	8/8/2007	1	n/a	ND	
MW-26	u	2,4-D [2C]	94-75-7	ug/L	8/8/2007	0.105	n/a	ND	
MW-26	u	2,4,5-TP [Silvex] [2C]	93-72-1	ug/L	8/8/2007	0.105	n/a	ND	
MW-26	u	2,4,5-T [2C]	93-76-5	ug/L	8/8/2007	0.105	n/a	ND	
MW-26	u	alpha-BHC	319-84-6	ug/L	8/8/2007	0.05	n/a	ND	
MW-26	u	beta-BHC	319-85-7	ug/L	8/8/2007	0.05	n/a	ND	
MW-26	u	Dieldrin	60-57-1	ug/L	8/8/2007	0.05	n/a	ND	
MW-26	u	4,4'-DDE	72-55-9	ug/L	8/8/2007	0.05	n/a	ND	
MW-26	u	delta-BHC	319-86-8	ug/L	8/8/2007	0.05	n/a	ND	
MW-26	u	Endrin	72-20-8	ug/L	8/8/2007	0.05	n/a	ND	
MW-26	u	gamma-BHC [Lindane]	58-89-9	ug/L	8/8/2007	0.05	n/a	ND	
MW-26	u	Endosulfan II	33213-65-9	ug/L	8/8/2007	0.05	n/a	ND	
MW-26	u	Heptachlor	76-44-8	ug/L	8/8/2007	0.05	n/a	ND	
MW-26	u	4,4'-DDD	72-54-8	ug/L	8/8/2007	0.05	n/a	ND	
MW-26	u	Aldrin	309-00-2	ug/L	8/8/2007	0.05	n/a	ND	
MW-26	u	Endosulfan sulfate	1031-07-8	ug/L	8/8/2007	0.05	n/a	ND	
MW-26	u	Heptachlor epoxide	1024-57-3	ug/L	8/8/2007	0.05	n/a	ND	
MW-26	u	4,4'-DDT	50-29-3	ug/L	8/8/2007	0.05	n/a	ND	
MW-26	u	Endosulfan I	959-98-8	ug/L	8/8/2007	0.05	n/a	ND	
MW-26	u	Methoxychlor	72-43-5	ug/L	8/8/2007	0.05	n/a	ND	
MW-26	u	Toxaphene	8001-35-2	ug/L	8/8/2007	5	n/a	ND	
MW-26	u	Endrin aldehyde	7421-93-4	ug/L	8/8/2007	0.05	n/a	ND	
MW-26	u	Chlordane	57-74-9	ug/L	8/8/2007	3	n/a	ND	
MW-AR	d	Antimony	7440-36-0	mg/L	8/8/2007	0.006	n/a	ND	
MW-AR	d	Arsenic	7440-38-2	mg/L	8/8/2007	n/a	n/a		0.00157
MW-AR	d	Barium	7440-39-3	mg/L	8/8/2007	n/a	n/a		0.0698
MW-AR	d	Beryllium	7440-41-7	mg/L	8/8/2007	0.001	n/a	ND	
MW-AR	d	Cadmium	7440-43-9	mg/L	8/8/2007	n/a	n/a		0.00236
MW-AR	d	Chromium	7440-47-3	mg/L	8/8/2007	0.02	n/a	ND	
MW-AR	d	Cobalt	7440-48-4	mg/L	8/8/2007	0.02	n/a	ND	
MW-AR	d	Copper	7440-50-8	mg/L	8/8/2007	0.02	n/a	ND	
MW-AR	d	Lead	7439-92-1	mg/L	8/8/2007	0.004	n/a	ND	
MW-AR	d	Nickel	7440-02-0	mg/L	8/8/2007	0.05	n/a	ND	
MW-AR	d	Selenium	7782-49-2	mg/L	8/8/2007	0.005	n/a	ND	
MW-AR	d	Silver	7440-22-4	mg/L	8/8/2007	0.02	n/a	ND	
MW-AR	d	Thallium	7440-28-0	mg/L	8/8/2007	0.002	n/a	ND	
MW-AR	d	Vanadium	7440-62-2	mg/L	8/8/2007	0.05	n/a	ND	
MW-AR	d	Zinc	7440-66-6	mg/L	8/8/2007	n/a	n/a		0.0401
MW-AR	d	Mercury	7439-97-6	mg/L	8/8/2007	0.0002	n/a	ND	
MW-AR	d	Tin	7440-31-5	mg/L	8/8/2007	0.1	n/a	ND	
MW-AR	d	Acetone	67-64-1	ug/L	8/8/2007	10	n/a	ND	
MW-AR	d	Acrylonitrile	107-13-1	ug/L	8/8/2007	10	n/a	ND	
MW-AR	d	Benzene	71-43-2	ug/L	8/8/2007	0.5	n/a	ND	
MW-AR	d	Bromochloromethane	74-97-5	ug/L	8/8/2007	5	n/a	ND	
MW-AR	d	Bromodichloromethane	75-27-4	ug/L	8/8/2007	1	n/a	ND	
MW-AR	d	Bromoform	75-25-2	ug/L	8/8/2007	5	n/a	ND	
MW-AR	d	Carbon disulfide	75-15-0	ug/L	8/8/2007	1	n/a	ND	
MW-AR	d	Carbon Tetrachloride	56-23-5	ug/L	8/8/2007	2	n/a	ND	
MW-AR	d	Chlorobenzene	108-90-7	ug/L	8/8/2007	1	n/a	ND	
MW-AR	d	Chloroethane	75-00-3	ug/L	8/8/2007	4	n/a	ND	
MW-AR	d	Chloroform	67-66-3	ug/L	8/8/2007	1	n/a	ND	
MW-AR	d	Chlorodibromomethane	124-48-1	ug/L	8/8/2007	5	n/a	ND	
MW-AR	d	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	8/8/2007	10	n/a	ND	

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MW-AR	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	8/8/2007	10	n/a	ND	
MW-AR	d	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	8/8/2007	10	n/a	ND	
MW-AR	d	1,1-Dichloroethane	75-34-3	ug/L	8/8/2007	1	n/a	ND	
MW-AR	d	1,2-Dichloroethane	107-06-2	ug/L	8/8/2007	1	n/a	ND	
MW-AR	d	1,1-Dichloroethene	75-35-4	ug/L	8/8/2007	2	n/a	ND	
MW-AR	d	cis-1,2-Dichloroethene	156-59-2	ug/L	8/8/2007	1	n/a	ND	
MW-AR	d	trans-1,2-Dichloroethene	156-60-5	ug/L	8/8/2007	1	n/a	ND	
MW-AR	d	1,2-Dichloropropane	78-87-5	ug/L	8/8/2007	1	n/a	ND	
MW-AR	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	8/8/2007	5	n/a	ND	
MW-AR	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	8/8/2007	5	n/a	ND	
MW-AR	d	1,2-Dichlorobenzene	95-50-1	ug/L	8/8/2007	5.5	n/a	ND	
MW-AR	d	1,4-Dichlorobenzene	106-46-7	ug/L	8/8/2007	5.5	n/a	ND	
MW-AR	d	Ethylbenzene	100-41-4	ug/L	8/8/2007	1	n/a	ND	
MW-AR	d	2-Hexanone	591-78-6	ug/L	8/8/2007	10	n/a	ND	
MW-AR	d	Bromomethane	74-83-9	ug/L	8/8/2007	4	n/a	ND	
MW-AR	d	Chloromethane	74-87-3	ug/L	8/8/2007	3	n/a	ND	
MW-AR	d	2-Butanone	78-93-3	ug/L	8/8/2007	10	n/a	ND	
MW-AR	d	Iodomethane	74-88-4	ug/L	8/8/2007	10	n/a	ND	
MW-AR	d	4-Methyl-2-pentanone	108-10-1	ug/L	8/8/2007	10	n/a	ND	
MW-AR	d	Methylene Bromide	74-95-3	ug/L	8/8/2007	1	n/a	ND	
MW-AR	d	Methylene Chloride	75-09-2	ug/L	8/8/2007	5	n/a	ND	
MW-AR	d	Styrene	100-42-5	ug/L	8/8/2007	1	n/a	ND	
MW-AR	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	8/8/2007	1	n/a	ND	
MW-AR	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	8/8/2007	1	n/a	ND	
MW-AR	d	Tetrachloroethene	127-18-4	ug/L	8/8/2007	1	n/a	ND	
MW-AR	d	Toluene	108-88-3	ug/L	8/8/2007	1	n/a	ND	
MW-AR	d	1,1,1-Trichloroethane	71-55-6	ug/L	8/8/2007	1	n/a	ND	
MW-AR	d	1,1,2-Trichloroethane	79-00-5	ug/L	8/8/2007	1	n/a	ND	
MW-AR	d	Trichloroethene	79-01-6	ug/L	8/8/2007	1	n/a	ND	
MW-AR	d	Trichlorofluoromethane	75-69-4	ug/L	8/8/2007	4	n/a	ND	
MW-AR	d	1,2,3-Trichloropropane	96-18-4	ug/L	8/8/2007	1	n/a	ND	
MW-AR	d	Vinyl acetate	108-05-4	ug/L	8/8/2007	2	n/a	ND	
MW-AR	d	Vinyl chloride	75-01-4	ug/L	8/8/2007	1	n/a	ND	
MW-AR	d	Xylenes, total	1330-20-7	ug/L	8/8/2007	3	n/a	ND	
MW-AR	d	Acrolein	107-02-8	ug/L	8/8/2007	10	n/a	ND	
MW-AR	d	3-Chloropropene	107-05-1	ug/L	8/8/2007	2	n/a	ND	
MW-AR	d	Chloroprene	126-99-8	ug/L	8/8/2007	1	n/a	ND	
MW-AR	d	Dichlorodifluoromethane	75-71-8	ug/L	8/8/2007	3	n/a	ND	
MW-AR	d	1,3-Dichloropropane	142-28-9	ug/L	8/8/2007	1	n/a	ND	
MW-AR	d	2,2-Dichloropropane	594-20-7	ug/L	8/8/2007	4	n/a	ND	
MW-AR	d	1,1-Dichloropropene	563-58-6	ug/L	8/8/2007	1	n/a	ND	
MW-AR	d	1,3-Dichlorobenzene	541-73-1	ug/L	8/8/2007	5.5	n/a	ND	
MW-AR	d	Ethyl Methacrylate	97-63-2	ug/L	8/8/2007	2	n/a	ND	
MW-AR	d	Methacrylonitrile	126-98-7	ug/L	8/8/2007	1	n/a	ND	
MW-AR	d	Methyl Methacrylate	80-62-6	ug/L	8/8/2007	2	n/a	ND	
MW-AR	d	Naphthalene	91-20-3	ug/L	8/8/2007	7.5	n/a	ND	
MW-AR	d	Propionitrile	107-12-0	ug/L	8/8/2007	10	n/a	ND	
MW-AR	d	1,2,4-Trichlorobenzene	120-82-1	ug/L	8/8/2007	7.5	n/a	ND	
MW-AR	d	Acenaphthene	83-32-9	ug/L	8/8/2007	10	n/a	ND	
MW-AR	d	Acenaphthylene	208-96-8	ug/L	8/8/2007	10	n/a	ND	
MW-AR	d	Acetophenone	98-86-2	ug/L	8/8/2007	10	n/a	ND	
MW-AR	d	2-Acetylaminofluorene	53-96-3	ug/L	8/8/2007	10	n/a	ND	
MW-AR	d	4-Aminobiphenyl	92-67-1	ug/L	8/8/2007	10	n/a	ND	
MW-AR	d	Anthracene	120-12-7	ug/L	8/8/2007	10	n/a	ND	
MW-AR	d	Benzo [a] anthracene	56-55-3	ug/L	8/8/2007	10	n/a	ND	
MW-AR	d	Benzo [b] fluoranthene	205-99-2	ug/L	8/8/2007	10	n/a	ND	
MW-AR	d	Benzo [k] fluoranthene	207-08-9	ug/L	8/8/2007	10	n/a	ND	
MW-AR	d	Benzo [g,h,i] perylene	191-24-2	ug/L	8/8/2007	10	n/a	ND	
MW-AR	d	Benzo [a] pyrene	50-32-8	ug/L	8/8/2007	10	n/a	ND	
MW-AR	d	Benzyl alcohol	100-51-6	ug/L	8/8/2007	50	n/a	ND	
MW-AR	d	Bis[2-chloroethoxy]methane	111-91-1	ug/L	8/8/2007	10	n/a	ND	
MW-AR	d	Bis[2-chloroethyl]ether	111-44-4	ug/L	8/8/2007	10	n/a	ND	
MW-AR	d	Bis[2-chloroisopropyl]ether	108-60-1	ug/L	8/8/2007	10	n/a	ND	
MW-AR	d	Bis[2-ethylhexyl]phthalate	117-81-7	ug/L	8/8/2007	10	n/a	ND	
MW-AR	d	4-Bromophenyl phenyl ether	101-55-3	ug/L	8/8/2007	10	n/a	ND	
MW-AR	d	Butyl benzyl phthalate	85-68-7	ug/L	8/8/2007	10	n/a	ND	
MW-AR	d	4-Chloroaniline	106-47-8	ug/L	8/8/2007	10	n/a	ND	
MW-AR	d	Chlorobenzilate	510-15-6	ug/L	8/8/2007	50	n/a	ND	
MW-AR	d	4-Chloro-3-methylphenol	59-50-7	ug/L	8/8/2007	10	n/a	ND	
MW-AR	d	2-Chloronaphthalene	91-58-7	ug/L	8/8/2007	10	n/a	ND	
MW-AR	d	2-Chlorophenol	95-57-8	ug/L	8/8/2007	10	n/a	ND	
MW-AR	d	4-Chlorophenyl phenyl ether	7005-72-3	ug/L	8/8/2007	10	n/a	ND	
MW-AR	d	Chrysene	218-01-9	ug/L	8/8/2007	10	n/a	ND	
MW-AR	d	3/4-Methylphenol	T-34MP	ug/L	8/8/2007	10	n/a	ND	
MW-AR	d	2-Methylphenol	95-48-7	ug/L	8/8/2007	10	n/a	ND	

Table 9A
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Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-AR	d	Diallate [cis or trans]	2303-16-4	ug/L	8/8/2007	50	n/a	ND	
MW-AR	d	Dibenz [a,h] anthracene	53-70-3	ug/L	8/8/2007	10	n/a	ND	
MW-AR	d	Dibenzofuran	132-64-9	ug/L	8/8/2007	10	n/a	ND	
MW-AR	d	Di-n-butyl phthalate	84-74-2	ug/L	8/8/2007	10	n/a	ND	
MW-AR	d	3,3-Dichlorobenzidine	91-94-1	ug/L	8/8/2007	10	n/a	ND	
MW-AR	d	2,4-Dichlorophenol	120-83-2	ug/L	8/8/2007	10	n/a	ND	
MW-AR	d	2,6-Dichlorophenol	87-65-0	ug/L	8/8/2007	20	n/a	ND	
MW-AR	d	Diethyl phthalate	84-66-2	ug/L	8/8/2007	10	n/a	ND	
MW-AR	d	Thionazin	297-97-2	ug/L	8/8/2007	10	n/a	ND	
MW-AR	d	7,12-Dimethylbenz [a] anthracene	57-97-6	ug/L	8/8/2007	10	n/a	ND	
MW-AR	d	Dimethoate	60-51-5	ug/L	8/8/2007	10	n/a	ND	
MW-AR	d	Dimethylaminoazobenzene	60-11-7	ug/L	8/8/2007	10	n/a	ND	
MW-AR	d	3,3-Dimethylbenzidine	119-93-7	ug/L	8/8/2007	50	n/a	ND	
MW-AR	d	2,4-Dimethylphenol	105-67-9	ug/L	8/8/2007	10	n/a	ND	
MW-AR	d	Dimethyl phthalate	131-11-3	ug/L	8/8/2007	10	n/a	ND	
MW-AR	d	1,3-Dinitrobenzene	99-65-0	ug/L	8/8/2007	10	n/a	ND	
MW-AR	d	4,6-Dinitro-2-methylphenol	534-52-1	ug/L	8/8/2007	25	n/a	ND	
MW-AR	d	2,4-Dinitrophenol	51-28-5	ug/L	8/8/2007	25	n/a	ND	
MW-AR	d	2,4-Dinitrotoluene	121-14-2	ug/L	8/8/2007	10	n/a	ND	
MW-AR	d	2,6-Dinitrotoluene	606-20-2	ug/L	8/8/2007	10	n/a	ND	
MW-AR	d	Di-n-octyl phthalate	117-84-0	ug/L	8/8/2007	10	n/a	ND	
MW-AR	d	Diphenylamine	122-39-4	ug/L	8/8/2007	10	n/a	ND	
MW-AR	d	Disulfoton	298-04-4	ug/L	8/8/2007	10	n/a	ND	
MW-AR	d	Ethyl Methanesulfonate	62-50-0	ug/L	8/8/2007	10	n/a	ND	
MW-AR	d	Famphur	52-85-7	ug/L	8/8/2007	10	n/a	ND	
MW-AR	d	Fluoranthene	206-44-0	ug/L	8/8/2007	10	n/a	ND	
MW-AR	d	Fluorene	86-73-7	ug/L	8/8/2007	10	n/a	ND	
MW-AR	d	Hexachlorobenzene	118-74-1	ug/L	8/8/2007	10	n/a	ND	
MW-AR	d	Hexachlorobutadiene	87-68-3	ug/L	8/8/2007	10	n/a	ND	
MW-AR	d	Hexachlorocyclopentadiene	77-47-4	ug/L	8/8/2007	10	n/a	ND	
MW-AR	d	Hexachloroethane	67-72-1	ug/L	8/8/2007	10	n/a	ND	
MW-AR	d	Hexachloropropene	1888-71-7	ug/L	8/8/2007	10	n/a	ND	
MW-AR	d	Indeno [1,2,3-cd] pyrene	193-39-5	ug/L	8/8/2007	10	n/a	ND	
MW-AR	d	Isodrin	465-73-6	ug/L	8/8/2007	10	n/a	ND	
MW-AR	d	Isophorone	78-59-1	ug/L	8/8/2007	10	n/a	ND	
MW-AR	d	Isosafrole	120-58-1	ug/L	8/8/2007	50	n/a	ND	
MW-AR	d	Kepone	143-50-0	ug/L	8/8/2007	10	n/a	ND	
MW-AR	d	Methapyrilene	91-80-5	ug/L	8/8/2007	50	n/a	ND	
MW-AR	d	3-Methylcholanthrene	56-49-5	ug/L	8/8/2007	10	n/a	ND	
MW-AR	d	Methyl Methanesulfonate	66-27-3	ug/L	8/8/2007	10	n/a	ND	
MW-AR	d	2-Methylnaphthalene	91-57-6	ug/L	8/8/2007	10	n/a	ND	
MW-AR	d	Parathion-methyl	298-00-0	ug/L	8/8/2007	10	n/a	ND	
MW-AR	d	1,4-Naphthoquinone	130-15-4	ug/L	8/8/2007	10	n/a	ND	
MW-AR	d	1-Naphthylamine	134-32-7	ug/L	8/8/2007	10	n/a	ND	
MW-AR	d	2-Naphthylamine	91-59-8	ug/L	8/8/2007	10	n/a	ND	
MW-AR	d	2-Nitroaniline	88-74-4	ug/L	8/8/2007	25	n/a	ND	
MW-AR	d	3-Nitroaniline	99-09-2	ug/L	8/8/2007	25	n/a	ND	
MW-AR	d	4-Nitroaniline	100-01-6	ug/L	8/8/2007	25	n/a	ND	
MW-AR	d	Nitrobenzene	98-95-3	ug/L	8/8/2007	10	n/a	ND	
MW-AR	d	2-Nitrophenol	88-75-5	ug/L	8/8/2007	10	n/a	ND	
MW-AR	d	4-Nitrophenol	100-02-7	ug/L	8/8/2007	25	n/a	ND	
MW-AR	d	N-Nitrosodi-n-butylamine	924-16-3	ug/L	8/8/2007	10	n/a	ND	
MW-AR	d	N-Nitrosodiethylamine	55-18-5	ug/L	8/8/2007	10	n/a	ND	
MW-AR	d	N-Nitrosodimethylamine	62-75-9	ug/L	8/8/2007	10	n/a	ND	
MW-AR	d	N-Nitrosodiphenylamine	86-30-6	ug/L	8/8/2007	10	n/a	ND	
MW-AR	d	N-Nitrosodi-n-propylamine	621-64-7	ug/L	8/8/2007	10	n/a	ND	
MW-AR	d	N-Nitrosomethylethylamine	10595-95-6	ug/L	8/8/2007	10	n/a	ND	
MW-AR	d	N-Nitrosopiperidine	100-75-4	ug/L	8/8/2007	10	n/a	ND	
MW-AR	d	N-Nitrosopyrrolidine	930-55-2	ug/L	8/8/2007	10	n/a	ND	
MW-AR	d	5-Nitro-o-toluidine	99-55-8	ug/L	8/8/2007	10	n/a	ND	
MW-AR	d	Parathion-ethyl	56-38-2	ug/L	8/8/2007	10	n/a	ND	
MW-AR	d	Pentachlorobenzene	608-93-5	ug/L	8/8/2007	10	n/a	ND	
MW-AR	d	Pentachloronitrobenzene	82-68-8	ug/L	8/8/2007	10	n/a	ND	
MW-AR	d	Pentachlorophenol [2C]	87-86-5	ug/L	8/8/2007	25	n/a	ND	
MW-AR	d	Phenacetin	62-44-2	ug/L	8/8/2007	10	n/a	ND	
MW-AR	d	Phenanthrene	85-01-8	ug/L	8/8/2007	10	n/a	ND	
MW-AR	d	Phenol	108-95-2	ug/L	8/8/2007	10	n/a	ND	
MW-AR	d	1,4-Phenylenediamine	106-50-3	ug/L	8/8/2007	50	n/a	ND	
MW-AR	d	Phorate	298-02-2	ug/L	8/8/2007	10	n/a	ND	
MW-AR	d	Pronamide	23950-58-5	ug/L	8/8/2007	10	n/a	ND	
MW-AR	d	Pyrene	129-00-0	ug/L	8/8/2007	10	n/a	ND	
MW-AR	d	Safrole	94-59-7	ug/L	8/8/2007	10	n/a	ND	
MW-AR	d	1,2,4,5-Tetrachlorobenzene	95-94-3	ug/L	8/8/2007	10	n/a	ND	
MW-AR	d	2,3,4,6-Tetrachlorophenol	58-90-2	ug/L	8/8/2007	10	n/a	ND	
MW-AR	d	o-Toluidine	95-53-4	ug/L	8/8/2007	10	n/a	ND	

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Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-AR	d	2,4,5-Trichlorophenol	95-95-4	ug/L	8/8/2007	25	n/a	ND	
MW-AR	d	2,4,6-Trichlorophenol	88-06-2	ug/L	8/8/2007	10	n/a	ND	
MW-AR	d	O,O,O-Triethyl phosphorothioate	126-68-1	ug/L	8/8/2007	10	n/a	ND	
MW-AR	d	1,3,5-Trinitrobenzene	99-35-4	ug/L	8/8/2007	10	n/a	ND	
MW-AR	d	Pentachloroethane	76-01-7	ug/L	8/8/2007	10	n/a	ND	
MW-AR	d	Dinoseb	88-85-7	ug/L	8/8/2007	0.109	n/a	ND	
MW-AR	d	Acetonitrile	75-05-8	ug/L	8/8/2007	10	n/a	ND	
MW-AR	d	Isobutanol	78-83-1	mg/L	8/8/2007	10	n/a	ND	
MW-AR	d	PCB-1016	12674-11-2	ug/L	8/8/2007	0.8	n/a	ND	
MW-AR	d	PCB-1221	11104-28-2	ug/L	8/8/2007	0.8	n/a	ND	
MW-AR	d	PCB-1232	11141-16-5	ug/L	8/8/2007	0.8	n/a	ND	
MW-AR	d	PCB-1242	53469-21-9	ug/L	8/8/2007	0.8	n/a	ND	
MW-AR	d	PCB-1248	12672-29-6	ug/L	8/8/2007	0.8	n/a	ND	
MW-AR	d	PCB-1254	11097-69-1	ug/L	8/8/2007	0.8	n/a	ND	
MW-AR	d	PCB-1260	11096-82-5	ug/L	8/8/2007	0.8	n/a	ND	
MW-AR	d	PCB-1268	11100-14-4	ug/L	8/8/2007	0.8	n/a	ND	
MW-AR	d	Cyanide	57-12-5	mg/L	8/8/2007	0.01	n/a	ND	
MW-AR	d	Sulfide	18496-25-8	mg/L	8/8/2007	1	n/a	ND	
MW-AR	d	2,4-D [2C]	94-75-7	ug/L	8/8/2007	0.109	n/a	ND	
MW-AR	d	2,4,5-TP [Silvex] [2C]	93-72-1	ug/L	8/8/2007	0.109	n/a	ND	
MW-AR	d	2,4,5-T [2C]	93-76-5	ug/L	8/8/2007	0.109	n/a	ND	
MW-AR	d	alpha-BHC	319-84-6	ug/L	8/8/2007	0.05	n/a	ND	
MW-AR	d	beta-BHC	319-85-7	ug/L	8/8/2007	0.05	n/a	ND	
MW-AR	d	Dieldrin	60-57-1	ug/L	8/8/2007	0.05	n/a	ND	
MW-AR	d	4,4'-DDE	72-55-9	ug/L	8/8/2007	0.05	n/a	ND	
MW-AR	d	delta-BHC	319-86-8	ug/L	8/8/2007	0.05	n/a	ND	
MW-AR	d	Endrin	72-20-8	ug/L	8/8/2007	0.05	n/a	ND	
MW-AR	d	gamma-BHC [Lindane]	58-89-9	ug/L	8/8/2007	0.05	n/a	ND	
MW-AR	d	Endosulfan II	33213-65-9	ug/L	8/8/2007	0.05	n/a	ND	
MW-AR	d	Heptachlor	76-44-8	ug/L	8/8/2007	0.05	n/a	ND	
MW-AR	d	4,4'-DDD	72-54-8	ug/L	8/8/2007	0.05	n/a	ND	
MW-AR	d	Aldrin	309-00-2	ug/L	8/8/2007	0.05	n/a	ND	
MW-AR	d	Endosulfan sulfate	1031-07-8	ug/L	8/8/2007	0.05	n/a	ND	
MW-AR	d	Heptachlor epoxide	1024-57-3	ug/L	8/8/2007	0.05	n/a	ND	
MW-AR	d	4,4'-DDT	50-29-3	ug/L	8/8/2007	0.05	n/a	ND	
MW-AR	d	Endosulfan I	959-98-8	ug/L	8/8/2007	0.05	n/a	ND	
MW-AR	d	Methoxychlor	72-43-5	ug/L	8/8/2007	0.05	n/a	ND	
MW-AR	d	Toxaphene	8001-35-2	ug/L	8/8/2007	5	n/a	ND	
MW-AR	d	Endrin aldehyde	7421-93-4	ug/L	8/8/2007	0.05	n/a	ND	
MW-AR	d	Chlordane	57-74-9	ug/L	8/8/2007	3	n/a	ND	
GU-3	d	Antimony	7440-36-0	mg/L	3/6/2008	0.1	n/a	ND	
GU-3	d	Arsenic	7440-38-2	mg/L	3/6/2008	0.08	n/a	ND	
GU-3	d	Barium	7440-39-3	mg/L	3/6/2008	n/a	n/a		0.161
GU-3	d	Beryllium	7440-41-7	mg/L	3/6/2008	0.01	n/a	ND	
GU-3	d	Cadmium	7440-43-9	mg/L	3/6/2008	0.02	n/a	ND	
GU-3	d	Chromium	7440-47-3	mg/L	3/6/2008	n/a	n/a		0.023
GU-3	d	Cobalt	7440-48-4	mg/L	3/6/2008	0.02	n/a	ND	
GU-3	d	Copper	7440-50-8	mg/L	3/6/2008	n/a	n/a		0.0203
GU-3	d	Nickel	7440-02-0	mg/L	3/6/2008	0.05	n/a	ND	
GU-3	d	Selenium	7782-49-2	mg/L	3/6/2008	0.15	n/a	ND	
GU-3	d	Silver	7440-22-4	mg/L	3/6/2008	0.02	n/a	ND	
GU-3	d	Thallium	7440-28-0	mg/L	3/6/2008	1	n/a	ND	
GU-3	d	Vanadium	7440-62-2	mg/L	3/6/2008	0.05	n/a	ND	
GU-3	d	Zinc	7440-66-6	mg/L	3/6/2008	n/a	n/a		0.0656
GU-3	d	Acetone	67-64-1	ug/L	3/6/2008	4.62	n/a	ND	
GU-3	d	Benzene	71-43-2	ug/L	3/6/2008	0.16	n/a	ND	
GU-3	d	Bromochloromethane	74-97-5	ug/L	3/6/2008	0.76	n/a	ND	
GU-3	d	Bromodichloromethane	75-27-4	ug/L	3/6/2008	0.2	n/a	ND	
GU-3	d	Bromoform	75-25-2	ug/L	3/6/2008	0.43	n/a	ND	
GU-3	d	Carbon disulfide	75-15-0	ug/L	3/6/2008	0.18	n/a	ND	
GU-3	d	Carbon Tetrachloride	56-23-5	ug/L	3/6/2008	0.31	n/a	ND	
GU-3	d	Chlorobenzene	108-90-7	ug/L	3/6/2008	0.17	n/a	ND	
GU-3	d	Chloroethane	75-00-3	ug/L	3/6/2008	0.5	n/a	ND	
GU-3	d	Chloroform	67-66-3	ug/L	3/6/2008	0.17	n/a	ND	
GU-3	d	Chlorodibromomethane	124-48-1	ug/L	3/6/2008	0.26	n/a	ND	
GU-3	d	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	3/6/2008	0.86	n/a	ND	
GU-3	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	3/6/2008	0.25	n/a	ND	
GU-3	d	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	3/6/2008	1.8	n/a	ND	
GU-3	d	1,1-Dichloroethane	75-34-3	ug/L	3/6/2008	0.19	n/a	ND	
GU-3	d	1,2-Dichloroethane	107-06-2	ug/L	3/6/2008	0.2	n/a	ND	
GU-3	d	1,1-Dichloroethene	75-35-4	ug/L	3/6/2008	0.37	n/a	ND	
GU-3	d	cis-1,2-Dichloroethene	156-59-2	ug/L	3/6/2008	0.37	n/a	ND	
GU-3	d	trans-1,2-Dichloroethene	156-60-5	ug/L	3/6/2008	0.31	n/a	ND	
GU-3	d	1,2-Dichloropropane	78-87-5	ug/L	3/6/2008	0.4	n/a	ND	
GU-3	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	3/6/2008	0.23	n/a	ND	

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GU-3	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	3/6/2008	0.17	n/a	ND	
GU-3	d	1,2-Dichlorobenzene	95-50-1	ug/L	3/6/2008	0.21	n/a	ND	
GU-3	d	1,4-Dichlorobenzene	106-46-7	ug/L	3/6/2008	0.16	n/a	ND	
GU-3	d	Ethylbenzene	100-41-4	ug/L	3/6/2008	0.25	n/a	ND	
GU-3	d	2-Hexanone	591-78-6	ug/L	3/6/2008	1.76	n/a	ND	
GU-3	d	Bromomethane	74-83-9	ug/L	3/6/2008	0.48	n/a	ND	
GU-3	d	Chloromethane	74-87-3	ug/L	3/6/2008	0.2	n/a	ND	
GU-3	d	2-Butanone	78-93-3	ug/L	3/6/2008	0.91	n/a	ND	
GU-3	d	Iodomethane	74-88-4	ug/L	3/6/2008	0.4	n/a	ND	
GU-3	d	4-Methyl-2-pentanone	108-10-1	ug/L	3/6/2008	0.31	n/a	ND	
GU-3	d	Methylene Bromide	74-95-3	ug/L	3/6/2008	0.3	n/a	ND	
GU-3	d	Methylene Chloride	75-09-2	ug/L	3/6/2008	n/a	n/a	J	1.03
GU-3	d	Styrene	100-42-5	ug/L	3/6/2008	0.19	n/a	ND	
GU-3	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	3/6/2008	0.33	n/a	ND	
GU-3	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	3/6/2008	0.23	n/a	ND	
GU-3	d	Tetrachloroethene	127-18-4	ug/L	3/6/2008	0.38	n/a	ND	
GU-3	d	Toluene	108-88-3	ug/L	3/6/2008	n/a	n/a	J	0.56
GU-3	d	1,1,1-Trichloroethane	71-55-6	ug/L	3/6/2008	0.19	n/a	ND	
GU-3	d	1,1,2-Trichloroethane	79-00-5	ug/L	3/6/2008	0.37	n/a	ND	
GU-3	d	Trichloroethene	79-01-6	ug/L	3/6/2008	0.24	n/a	ND	
GU-3	d	Trichlorofluoromethane	75-69-4	ug/L	3/6/2008	0.26	n/a	ND	
GU-3	d	1,2,3-Trichloropropane	96-18-4	ug/L	3/6/2008	0.7	n/a	ND	
GU-3	d	Vinyl acetate	108-05-4	ug/L	3/6/2008	1.36	n/a	ND	
GU-3	d	Vinyl chloride	75-01-4	ug/L	3/6/2008	0.26	n/a	ND	
GU-3	d	Xylenes, total	1330-20-7	ug/L	3/6/2008	n/a	n/a	J	0.87
GU-3	d	Acrolein	107-02-8	ug/L	3/6/2008	4.37	n/a	ND	
GU-3BG	u	Antimony	7440-36-0	mg/L	3/6/2008	0.1	n/a	ND	
GU-3BG	u	Arsenic	7440-38-2	mg/L	3/6/2008	0.08	n/a	ND	
GU-3BG	u	Barium	7440-39-3	mg/L	3/6/2008	n/a	n/a		0.161
GU-3BG	u	Beryllium	7440-41-7	mg/L	3/6/2008	0.01	n/a	ND	
GU-3BG	u	Cadmium	7440-43-9	mg/L	3/6/2008	0.02	n/a	ND	
GU-3BG	u	Chromium	7440-47-3	mg/L	3/6/2008	n/a	n/a		0.023
GU-3BG	u	Cobalt	7440-48-4	mg/L	3/6/2008	0.02	n/a	ND	
GU-3BG	u	Copper	7440-50-8	mg/L	3/6/2008	n/a	n/a		0.0203
GU-3BG	u	Nickel	7440-02-0	mg/L	3/6/2008	0.05	n/a	ND	
GU-3BG	u	Selenium	7782-49-2	mg/L	3/6/2008	0.15	n/a	ND	
GU-3BG	u	Silver	7440-22-4	mg/L	3/6/2008	0.02	n/a	ND	
GU-3BG	u	Thallium	7440-28-0	mg/L	3/6/2008	1	n/a	ND	
GU-3BG	u	Vanadium	7440-62-2	mg/L	3/6/2008	0.05	n/a	ND	
GU-3BG	u	Zinc	7440-66-6	mg/L	3/6/2008	n/a	n/a		0.0656
GU-3BG	u	Acetone	67-64-1	ug/L	3/6/2008	4.62	n/a	ND	
GU-3BG	u	Benzene	71-43-2	ug/L	3/6/2008	0.16	n/a	ND	
GU-3BG	u	Bromochloromethane	74-97-5	ug/L	3/6/2008	0.76	n/a	ND	
GU-3BG	u	Bromodichloromethane	75-27-4	ug/L	3/6/2008	0.2	n/a	ND	
GU-3BG	u	Bromoform	75-25-2	ug/L	3/6/2008	0.43	n/a	ND	
GU-3BG	u	Carbon disulfide	75-15-0	ug/L	3/6/2008	0.18	n/a	ND	
GU-3BG	u	Carbon Tetrachloride	56-23-5	ug/L	3/6/2008	0.31	n/a	ND	
GU-3BG	u	Chlorobenzene	108-90-7	ug/L	3/6/2008	0.17	n/a	ND	
GU-3BG	u	Chloroethane	75-00-3	ug/L	3/6/2008	0.5	n/a	ND	
GU-3BG	u	Chloroform	67-66-3	ug/L	3/6/2008	0.17	n/a	ND	
GU-3BG	u	Chlorodibromomethane	124-48-1	ug/L	3/6/2008	0.26	n/a	ND	
GU-3BG	u	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	3/6/2008	0.86	n/a	ND	
GU-3BG	u	1,2-Dibromoethane [EDB]	106-93-4	ug/L	3/6/2008	0.25	n/a	ND	
GU-3BG	u	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	3/6/2008	1.8	n/a	ND	
GU-3BG	u	1,1-Dichloroethane	75-34-3	ug/L	3/6/2008	0.19	n/a	ND	
GU-3BG	u	1,2-Dichloroethane	107-06-2	ug/L	3/6/2008	0.2	n/a	ND	
GU-3BG	u	1,1-Dichloroethene	75-35-4	ug/L	3/6/2008	0.37	n/a	ND	
GU-3BG	u	cis-1,2-Dichloroethene	156-59-2	ug/L	3/6/2008	0.37	n/a	ND	
GU-3BG	u	trans-1,2-Dichloroethene	156-60-5	ug/L	3/6/2008	0.31	n/a	ND	
GU-3BG	u	1,2-Dichloropropane	78-87-5	ug/L	3/6/2008	0.4	n/a	ND	
GU-3BG	u	cis-1,3-Dichloropropene	10061-01-5	ug/L	3/6/2008	0.23	n/a	ND	
GU-3BG	u	trans-1,3-Dichloropropene	10061-02-6	ug/L	3/6/2008	0.17	n/a	ND	
GU-3BG	u	1,2-Dichlorobenzene	95-50-1	ug/L	3/6/2008	0.21	n/a	ND	
GU-3BG	u	1,4-Dichlorobenzene	106-46-7	ug/L	3/6/2008	0.16	n/a	ND	
GU-3BG	u	Ethylbenzene	100-41-4	ug/L	3/6/2008	0.25	n/a	ND	
GU-3BG	u	2-Hexanone	591-78-6	ug/L	3/6/2008	1.76	n/a	ND	
GU-3BG	u	Bromomethane	74-83-9	ug/L	3/6/2008	0.48	n/a	ND	
GU-3BG	u	Chloromethane	74-87-3	ug/L	3/6/2008	0.2	n/a	ND	
GU-3BG	u	2-Butanone	78-93-3	ug/L	3/6/2008	0.91	n/a	ND	
GU-3BG	u	Iodomethane	74-88-4	ug/L	3/6/2008	0.4	n/a	ND	
GU-3BG	u	4-Methyl-2-pentanone	108-10-1	ug/L	3/6/2008	0.31	n/a	ND	
GU-3BG	u	Methylene Bromide	74-95-3	ug/L	3/6/2008	0.3	n/a	ND	
GU-3BG	u	Methylene Chloride	75-09-2	ug/L	3/6/2008	n/a	n/a	J	1.03
GU-3BG	u	Styrene	100-42-5	ug/L	3/6/2008	0.19	n/a	ND	
GU-3BG	u	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	3/6/2008	0.33	n/a	ND	

Table 9A
Analytical Data Summary - Phase II MSWLF
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Phase II MSWLF and CWTS
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Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
GU-3BG	u	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	3/6/2008	0.23	n/a	ND	
GU-3BG	u	Tetrachloroethene	127-18-4	ug/L	3/6/2008	0.38	n/a	ND	
GU-3BG	u	Toluene	108-88-3	ug/L	3/6/2008	n/a	n/a	J	0.56
GU-3BG	u	1,1,1-Trichloroethane	71-55-6	ug/L	3/6/2008	0.19	n/a	ND	
GU-3BG	u	1,1,2-Trichloroethane	79-00-5	ug/L	3/6/2008	0.37	n/a	ND	
GU-3BG	u	Trichloroethene	79-01-6	ug/L	3/6/2008	0.24	n/a	ND	
GU-3BG	u	Trichlorofluoromethane	75-69-4	ug/L	3/6/2008	0.26	n/a	ND	
GU-3BG	u	1,2,3-Trichloropropane	96-18-4	ug/L	3/6/2008	0.7	n/a	ND	
GU-3BG	u	Vinyl acetate	108-05-4	ug/L	3/6/2008	1.36	n/a	ND	
GU-3BG	u	Vinyl chloride	75-01-4	ug/L	3/6/2008	0.26	n/a	ND	
GU-3BG	u	Xylenes, total	1330-20-7	ug/L	3/6/2008	n/a	n/a	J	0.87
GU-3BG	u	Acrolein	107-02-8	ug/L	3/6/2008	4.37	n/a	ND	
GU-4	d	Antimony	7440-36-0	mg/L	3/6/2008	0.1	n/a	ND	
GU-4	d	Arsenic	7440-38-2	mg/L	3/6/2008	0.08	n/a	ND	
GU-4	d	Barium	7440-39-3	mg/L	3/6/2008	n/a	n/a		0.0195
GU-4	d	Beryllium	7440-41-7	mg/L	3/6/2008	0.01	n/a	ND	
GU-4	d	Cadmium	7440-43-9	mg/L	3/6/2008	0.02	n/a	ND	
GU-4	d	Chromium	7440-47-3	mg/L	3/6/2008	0.02	n/a	ND	
GU-4	d	Cobalt	7440-48-4	mg/L	3/6/2008	0.02	n/a	ND	
GU-4	d	Copper	7440-50-8	mg/L	3/6/2008	0.02	n/a	ND	
GU-4	d	Nickel	7440-02-0	mg/L	3/6/2008	0.05	n/a	ND	
GU-4	d	Selenium	7782-49-2	mg/L	3/6/2008	0.15	n/a	ND	
GU-4	d	Silver	7440-22-4	mg/L	3/6/2008	0.02	n/a	ND	
GU-4	d	Thallium	7440-28-0	mg/L	3/6/2008	1	n/a	ND	
GU-4	d	Vanadium	7440-62-2	mg/L	3/6/2008	0.05	n/a	ND	
GU-4	d	Zinc	7440-66-6	mg/L	3/6/2008	n/a	n/a		0.0486
GU-4	d	Acetone	67-64-1	ug/L	3/6/2008	4.62	n/a	ND	
GU-4	d	Benzene	71-43-2	ug/L	3/6/2008	0.16	n/a	ND	
GU-4	d	Bromochloromethane	74-97-5	ug/L	3/6/2008	0.76	n/a	ND	
GU-4	d	Bromodichloromethane	75-27-4	ug/L	3/6/2008	0.2	n/a	ND	
GU-4	d	Bromoform	75-25-2	ug/L	3/6/2008	0.43	n/a	ND	
GU-4	d	Carbon disulfide	75-15-0	ug/L	3/6/2008	n/a	n/a	J	0.48
GU-4	d	Carbon Tetrachloride	56-23-5	ug/L	3/6/2008	0.31	n/a	ND	
GU-4	d	Chlorobenzene	108-90-7	ug/L	3/6/2008	0.17	n/a	ND	
GU-4	d	Chloroethane	75-00-3	ug/L	3/6/2008	0.5	n/a	ND	
GU-4	d	Chloroform	67-66-3	ug/L	3/6/2008	0.17	n/a	ND	
GU-4	d	Chlorodibromomethane	124-48-1	ug/L	3/6/2008	0.26	n/a	ND	
GU-4	d	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	3/6/2008	0.86	n/a	ND	
GU-4	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	3/6/2008	0.25	n/a	ND	
GU-4	d	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	3/6/2008	1.8	n/a	ND	
GU-4	d	1,1-Dichloroethane	75-34-3	ug/L	3/6/2008	0.19	n/a	ND	
GU-4	d	1,2-Dichloroethane	107-06-2	ug/L	3/6/2008	0.2	n/a	ND	
GU-4	d	1,1-Dichloroethene	75-35-4	ug/L	3/6/2008	0.37	n/a	ND	
GU-4	d	cis-1,2-Dichloroethene	156-59-2	ug/L	3/6/2008	0.37	n/a	ND	
GU-4	d	trans-1,2-Dichloroethene	156-60-5	ug/L	3/6/2008	0.31	n/a	ND	
GU-4	d	1,2-Dichloropropane	78-87-5	ug/L	3/6/2008	0.4	n/a	ND	
GU-4	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	3/6/2008	0.23	n/a	ND	
GU-4	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	3/6/2008	0.17	n/a	ND	
GU-4	d	1,2-Dichlorobenzene	95-50-1	ug/L	3/6/2008	0.21	n/a	ND	
GU-4	d	1,4-Dichlorobenzene	106-46-7	ug/L	3/6/2008	0.16	n/a	ND	
GU-4	d	Ethylbenzene	100-41-4	ug/L	3/6/2008	n/a	n/a	J	0.26
GU-4	d	2-Hexanone	591-78-6	ug/L	3/6/2008	1.76	n/a	ND	
GU-4	d	Bromomethane	74-83-9	ug/L	3/6/2008	0.48	n/a	ND	
GU-4	d	Chloromethane	74-87-3	ug/L	3/6/2008	n/a	n/a	J	0.22
GU-4	d	2-Butanone	78-93-3	ug/L	3/6/2008	0.91	n/a	ND	
GU-4	d	Iodomethane	74-88-4	ug/L	3/6/2008	0.4	n/a	ND	
GU-4	d	4-Methyl-2-pentanone	108-10-1	ug/L	3/6/2008	0.31	n/a	ND	
GU-4	d	Methylene Bromide	74-95-3	ug/L	3/6/2008	0.3	n/a	ND	
GU-4	d	Methylene Chloride	75-09-2	ug/L	3/6/2008	n/a	n/a	J	1.19
GU-4	d	Styrene	100-42-5	ug/L	3/6/2008	0.19	n/a	ND	
GU-4	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	3/6/2008	0.33	n/a	ND	
GU-4	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	3/6/2008	0.23	n/a	ND	
GU-4	d	Tetrachloroethene	127-18-4	ug/L	3/6/2008	0.38	n/a	ND	
GU-4	d	Toluene	108-88-3	ug/L	3/6/2008	n/a	n/a	J	0.57
GU-4	d	1,1,1-Trichloroethane	71-55-6	ug/L	3/6/2008	0.19	n/a	ND	
GU-4	d	1,1,2-Trichloroethane	79-00-5	ug/L	3/6/2008	0.37	n/a	ND	
GU-4	d	Trichloroethene	79-01-6	ug/L	3/6/2008	0.24	n/a	ND	
GU-4	d	Trichlorofluoromethane	75-69-4	ug/L	3/6/2008	0.26	n/a	ND	
GU-4	d	1,2,3-Trichloropropane	96-18-4	ug/L	3/6/2008	0.7	n/a	ND	
GU-4	d	Vinyl acetate	108-05-4	ug/L	3/6/2008	1.36	n/a	ND	
GU-4	d	Vinyl chloride	75-01-4	ug/L	3/6/2008	0.26	n/a	ND	
GU-4	d	Xylenes, total	1330-20-7	ug/L	3/6/2008	n/a	n/a	J	0.86
GU-4	d	Acrolein	107-02-8	ug/L	3/6/2008	4.37	n/a	ND	
GU-4BG	u	Antimony	7440-36-0	mg/L	3/6/2008	0.1	n/a	ND	
GU-4BG	u	Arsenic	7440-38-2	mg/L	3/6/2008	0.08	n/a	ND	

Table 9A
Analytical Data Summary - Phase II MSWLF
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Phase II MSWLF and CWTS
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Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
GU-4BG	u	Barium	7440-39-3	mg/L	3/6/2008	n/a	n/a		0.0195
GU-4BG	u	Beryllium	7440-41-7	mg/L	3/6/2008	0.01	n/a	ND	
GU-4BG	u	Cadmium	7440-43-9	mg/L	3/6/2008	0.02	n/a	ND	
GU-4BG	u	Chromium	7440-47-3	mg/L	3/6/2008	0.02	n/a	ND	
GU-4BG	u	Cobalt	7440-48-4	mg/L	3/6/2008	0.02	n/a	ND	
GU-4BG	u	Copper	7440-50-8	mg/L	3/6/2008	0.02	n/a	ND	
GU-4BG	u	Nickel	7440-02-0	mg/L	3/6/2008	0.05	n/a	ND	
GU-4BG	u	Selenium	7782-49-2	mg/L	3/6/2008	0.15	n/a	ND	
GU-4BG	u	Silver	7440-22-4	mg/L	3/6/2008	0.02	n/a	ND	
GU-4BG	u	Thallium	7440-28-0	mg/L	3/6/2008	1	n/a	ND	
GU-4BG	u	Vanadium	7440-62-2	mg/L	3/6/2008	0.05	n/a	ND	
GU-4BG	u	Zinc	7440-66-6	mg/L	3/6/2008	n/a	n/a		0.0486
GU-4BG	u	Acetone	67-64-1	ug/L	3/6/2008	4.62	n/a	ND	
GU-4BG	u	Benzene	71-43-2	ug/L	3/6/2008	0.16	n/a	ND	
GU-4BG	u	Bromochloromethane	74-97-5	ug/L	3/6/2008	0.76	n/a	ND	
GU-4BG	u	Bromodichloromethane	75-27-4	ug/L	3/6/2008	0.2	n/a	ND	
GU-4BG	u	Bromoform	75-25-2	ug/L	3/6/2008	0.43	n/a	ND	
GU-4BG	u	Carbon disulfide	75-15-0	ug/L	3/6/2008	n/a	n/a	J	0.48
GU-4BG	u	Carbon Tetrachloride	56-23-5	ug/L	3/6/2008	0.31	n/a	ND	
GU-4BG	u	Chlorobenzene	108-90-7	ug/L	3/6/2008	0.17	n/a	ND	
GU-4BG	u	Chloroethane	75-00-3	ug/L	3/6/2008	0.5	n/a	ND	
GU-4BG	u	Chloroform	67-66-3	ug/L	3/6/2008	0.17	n/a	ND	
GU-4BG	u	Chlorodibromomethane	124-48-1	ug/L	3/6/2008	0.26	n/a	ND	
GU-4BG	u	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	3/6/2008	0.86	n/a	ND	
GU-4BG	u	1,2-Dibromoethane [EDB]	106-93-4	ug/L	3/6/2008	0.25	n/a	ND	
GU-4BG	u	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	3/6/2008	1.8	n/a	ND	
GU-4BG	u	1,1-Dichloroethane	75-34-3	ug/L	3/6/2008	0.19	n/a	ND	
GU-4BG	u	1,2-Dichloroethane	107-06-2	ug/L	3/6/2008	0.2	n/a	ND	
GU-4BG	u	1,1-Dichloroethene	75-35-4	ug/L	3/6/2008	0.37	n/a	ND	
GU-4BG	u	cis-1,2-Dichloroethene	156-59-2	ug/L	3/6/2008	0.37	n/a	ND	
GU-4BG	u	trans-1,2-Dichloroethene	156-60-5	ug/L	3/6/2008	0.31	n/a	ND	
GU-4BG	u	1,2-Dichloropropane	78-87-5	ug/L	3/6/2008	0.4	n/a	ND	
GU-4BG	u	cis-1,3-Dichloropropene	10061-01-5	ug/L	3/6/2008	0.23	n/a	ND	
GU-4BG	u	trans-1,3-Dichloropropene	10061-02-6	ug/L	3/6/2008	0.17	n/a	ND	
GU-4BG	u	1,2-Dichlorobenzene	95-50-1	ug/L	3/6/2008	0.21	n/a	ND	
GU-4BG	u	1,4-Dichlorobenzene	106-46-7	ug/L	3/6/2008	0.16	n/a	ND	
GU-4BG	u	Ethylbenzene	100-41-4	ug/L	3/6/2008	n/a	n/a	J	0.26
GU-4BG	u	2-Hexanone	591-78-6	ug/L	3/6/2008	1.76	n/a	ND	
GU-4BG	u	Bromomethane	74-83-9	ug/L	3/6/2008	0.48	n/a	ND	
GU-4BG	u	Chloromethane	74-87-3	ug/L	3/6/2008	n/a	n/a	J	0.22
GU-4BG	u	2-Butanone	78-93-3	ug/L	3/6/2008	0.91	n/a	ND	
GU-4BG	u	Iodomethane	74-88-4	ug/L	3/6/2008	0.4	n/a	ND	
GU-4BG	u	4-Methyl-2-pentanone	108-10-1	ug/L	3/6/2008	0.31	n/a	ND	
GU-4BG	u	Methylene Bromide	74-95-3	ug/L	3/6/2008	0.3	n/a	ND	
GU-4BG	u	Methylene Chloride	75-09-2	ug/L	3/6/2008	n/a	n/a	J	1.19
GU-4BG	u	Styrene	100-42-5	ug/L	3/6/2008	0.19	n/a	ND	
GU-4BG	u	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	3/6/2008	0.33	n/a	ND	
GU-4BG	u	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	3/6/2008	0.23	n/a	ND	
GU-4BG	u	Tetrachloroethene	127-18-4	ug/L	3/6/2008	0.38	n/a	ND	
GU-4BG	u	Toluene	108-88-3	ug/L	3/6/2008	n/a	n/a	J	0.57
GU-4BG	u	1,1,1-Trichloroethane	71-55-6	ug/L	3/6/2008	0.19	n/a	ND	
GU-4BG	u	1,1,2-Trichloroethane	79-00-5	ug/L	3/6/2008	0.37	n/a	ND	
GU-4BG	u	Trichloroethene	79-01-6	ug/L	3/6/2008	0.24	n/a	ND	
GU-4BG	u	Trichlorofluoromethane	75-69-4	ug/L	3/6/2008	0.26	n/a	ND	
GU-4BG	u	1,2,3-Trichloropropane	96-18-4	ug/L	3/6/2008	0.7	n/a	ND	
GU-4BG	u	Vinyl acetate	108-05-4	ug/L	3/6/2008	1.36	n/a	ND	
GU-4BG	u	Vinyl chloride	75-01-4	ug/L	3/6/2008	0.26	n/a	ND	
GU-4BG	u	Xylenes, total	1330-20-7	ug/L	3/6/2008	n/a	n/a	J	0.86
GU-4BG	u	Acrolein	107-02-8	ug/L	3/6/2008	4.37	n/a	ND	
MW-AR	d	Antimony	7440-36-0	mg/L	3/6/2008	0.1	n/a	ND	
MW-AR	d	Arsenic	7440-38-2	mg/L	3/6/2008	0.08	n/a	ND	
MW-AR	d	Barium	7440-39-3	mg/L	3/6/2008	n/a	n/a		0.0355
MW-AR	d	Beryllium	7440-41-7	mg/L	3/6/2008	0.01	n/a	ND	
MW-AR	d	Cadmium	7440-43-9	mg/L	3/6/2008	0.02	n/a	ND	
MW-AR	d	Chromium	7440-47-3	mg/L	3/6/2008	0.02	n/a	ND	
MW-AR	d	Cobalt	7440-48-4	mg/L	3/6/2008	0.02	n/a	ND	
MW-AR	d	Copper	7440-50-8	mg/L	3/6/2008	0.02	n/a	ND	
MW-AR	d	Nickel	7440-02-0	mg/L	3/6/2008	0.05	n/a	ND	
MW-AR	d	Selenium	7782-49-2	mg/L	3/6/2008	0.15	n/a	ND	
MW-AR	d	Silver	7440-22-4	mg/L	3/6/2008	0.02	n/a	ND	
MW-AR	d	Thallium	7440-28-0	mg/L	3/6/2008	1	n/a	ND	
MW-AR	d	Vanadium	7440-62-2	mg/L	3/6/2008	0.05	n/a	ND	
MW-AR	d	Zinc	7440-66-6	mg/L	3/6/2008	n/a	n/a		0.0408
MW-AR	d	Acetone	67-64-1	ug/L	3/6/2008	4.62	n/a	ND	
MW-AR	d	Benzene	71-43-2	ug/L	3/6/2008	0.16	n/a	ND	

Table 9A
Analytical Data Summary - Phase II MSWLF
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Phase II MSWLF and CWTS
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Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-AR	d	Bromochloromethane	74-97-5	ug/L	3/6/2008	0.76	n/a	ND	
MW-AR	d	Bromodichloromethane	75-27-4	ug/L	3/6/2008	0.2	n/a	ND	
MW-AR	d	Bromoform	75-25-2	ug/L	3/6/2008	0.43	n/a	ND	
MW-AR	d	Carbon disulfide	75-15-0	ug/L	3/6/2008	0.18	n/a	ND	
MW-AR	d	Carbon Tetrachloride	56-23-5	ug/L	3/6/2008	0.31	n/a	ND	
MW-AR	d	Chlorobenzene	108-90-7	ug/L	3/6/2008	0.17	n/a	ND	
MW-AR	d	Chloroethane	75-00-3	ug/L	3/6/2008	0.5	n/a	ND	
MW-AR	d	Chloroform	67-66-3	ug/L	3/6/2008	0.17	n/a	ND	
MW-AR	d	Chlorodibromomethane	124-48-1	ug/L	3/6/2008	0.26	n/a	ND	
MW-AR	d	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	3/6/2008	0.86	n/a	ND	
MW-AR	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	3/6/2008	0.25	n/a	ND	
MW-AR	d	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	3/6/2008	1.8	n/a	ND	
MW-AR	d	1,1-Dichloroethane	75-34-3	ug/L	3/6/2008	0.19	n/a	ND	
MW-AR	d	1,2-Dichloroethane	107-06-2	ug/L	3/6/2008	0.2	n/a	ND	
MW-AR	d	1,1-Dichloroethene	75-35-4	ug/L	3/6/2008	0.37	n/a	ND	
MW-AR	d	cis-1,2-Dichloroethene	156-59-2	ug/L	3/6/2008	0.37	n/a	ND	
MW-AR	d	trans-1,2-Dichloroethene	156-60-5	ug/L	3/6/2008	0.31	n/a	ND	
MW-AR	d	1,2-Dichloropropane	78-87-5	ug/L	3/6/2008	0.4	n/a	ND	
MW-AR	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	3/6/2008	0.23	n/a	ND	
MW-AR	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	3/6/2008	0.17	n/a	ND	
MW-AR	d	1,2-Dichlorobenzene	95-50-1	ug/L	3/6/2008	0.21	n/a	ND	
MW-AR	d	1,4-Dichlorobenzene	106-46-7	ug/L	3/6/2008	0.16	n/a	ND	
MW-AR	d	Ethylbenzene	100-41-4	ug/L	3/6/2008	0.25	n/a	ND	
MW-AR	d	2-Hexanone	591-78-6	ug/L	3/6/2008	1.76	n/a	ND	
MW-AR	d	Bromomethane	74-83-9	ug/L	3/6/2008	0.48	n/a	ND	
MW-AR	d	Chloromethane	74-87-3	ug/L	3/6/2008	0.2	n/a	ND	
MW-AR	d	2-Butanone	78-93-3	ug/L	3/6/2008	0.91	n/a	ND	
MW-AR	d	Iodomethane	74-88-4	ug/L	3/6/2008	0.4	n/a	ND	
MW-AR	d	4-Methyl-2-pentanone	108-10-1	ug/L	3/6/2008	0.31	n/a	ND	
MW-AR	d	Methylene Bromide	74-95-3	ug/L	3/6/2008	0.3	n/a	ND	
MW-AR	d	Methylene Chloride	75-09-2	ug/L	3/6/2008	n/a	n/a		1.19
MW-AR	d	Styrene	100-42-5	ug/L	3/6/2008	0.19	n/a	ND	
MW-AR	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	3/6/2008	0.33	n/a	ND	
MW-AR	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	3/6/2008	0.23	n/a	ND	
MW-AR	d	Tetrachloroethene	127-18-4	ug/L	3/6/2008	0.38	n/a	ND	
MW-AR	d	Toluene	108-88-3	ug/L	3/6/2008	n/a	n/a		0.44
MW-AR	d	1,1,1-Trichloroethane	71-55-6	ug/L	3/6/2008	0.19	n/a	ND	
MW-AR	d	1,1,2-Trichloroethane	79-00-5	ug/L	3/6/2008	0.37	n/a	ND	
MW-AR	d	Trichloroethene	79-01-6	ug/L	3/6/2008	0.24	n/a	ND	
MW-AR	d	Trichlorofluoromethane	75-69-4	ug/L	3/6/2008	0.26	n/a	ND	
MW-AR	d	1,2,3-Trichloropropane	96-18-4	ug/L	3/6/2008	0.7	n/a	ND	
MW-AR	d	Vinyl acetate	108-05-4	ug/L	3/6/2008	1.36	n/a	ND	
MW-AR	d	Vinyl chloride	75-01-4	ug/L	3/6/2008	0.26	n/a	ND	
MW-AR	d	Xylenes, total	1330-20-7	ug/L	3/6/2008	n/a	n/a		0.74
MW-AR	d	Acrolein	107-02-8	ug/L	3/6/2008	4.37	n/a	ND	
GU-3	d	Antimony	7440-36-0	mg/L	9/25/2008	0.006	n/a	ND	
GU-3	d	Arsenic	7440-38-2	mg/L	9/25/2008	n/a	n/a		0.00563
GU-3	d	Barium	7440-39-3	mg/L	9/25/2008	n/a	n/a		0.343
GU-3	d	Beryllium	7440-41-7	mg/L	9/25/2008	n/a	n/a		0.00468
GU-3	d	Cadmium	7440-43-9	mg/L	9/25/2008	n/a	n/a		0.0033
GU-3	d	Chromium	7440-47-3	mg/L	9/25/2008	0.02	n/a	ND	
GU-3	d	Cobalt	7440-48-4	mg/L	9/25/2008	n/a	n/a		0.0701
GU-3	d	Copper	7440-50-8	mg/L	9/25/2008	n/a	n/a		0.0586
GU-3	d	Lead	7439-92-1	mg/L	9/25/2008	n/a	n/a		0.0155
GU-3	d	Nickel	7440-02-0	mg/L	9/25/2008	n/a	n/a		0.127
GU-3	d	Selenium	7782-49-2	mg/L	9/25/2008	0.005	n/a	ND	
GU-3	d	Silver	7440-22-4	mg/L	9/25/2008	0.02	n/a	ND	
GU-3	d	Thallium	7440-28-0	mg/L	9/25/2008	0.002	n/a	ND	
GU-3	d	Vanadium	7440-62-2	mg/L	9/25/2008	0.05	n/a	ND	
GU-3	d	Zinc	7440-66-6	mg/L	9/25/2008	n/a	n/a		0.183
GU-3	d	Acetone	67-64-1	ug/L	9/25/2008	10	n/a	ND	
GU-3	d	Acrylonitrile	107-13-1	ug/L	9/25/2008	10	n/a	ND	
GU-3	d	Benzene	71-43-2	ug/L	9/25/2008	0.5	n/a	ND	
GU-3	d	Bromochloromethane	74-97-5	ug/L	9/25/2008	5	n/a	ND	
GU-3	d	Bromodichloromethane	75-27-4	ug/L	9/25/2008	1	n/a	ND	
GU-3	d	Bromoform	75-25-2	ug/L	9/25/2008	5	n/a	ND	
GU-3	d	Carbon disulfide	75-15-0	ug/L	9/25/2008	1	n/a	ND	
GU-3	d	Carbon Tetrachloride	56-23-5	ug/L	9/25/2008	2	n/a	ND	
GU-3	d	Chlorobenzene	108-90-7	ug/L	9/25/2008	1	n/a	ND	
GU-3	d	Chloroethane	75-00-3	ug/L	9/25/2008	4	n/a	ND	
GU-3	d	Chloroform	67-66-3	ug/L	9/25/2008	1	n/a	ND	
GU-3	d	Chlorodibromomethane	124-48-1	ug/L	9/25/2008	5	n/a	ND	
GU-3	d	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	9/25/2008	0.86	n/a	ND	
GU-3	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	9/25/2008	0.25	n/a	ND	
GU-3	d	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	9/25/2008	10	n/a	ND	

Table 9A
Analytical Data Summary - Phase II MSWLF
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Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
GU-3	d	1,1-Dichloroethane	75-34-3	ug/L	9/25/2008	1	n/a	ND	
GU-3	d	1,2-Dichloroethane	107-06-2	ug/L	9/25/2008	1	n/a	ND	
GU-3	d	1,1-Dichloroethene	75-35-4	ug/L	9/25/2008	2	n/a	ND	
GU-3	d	cis-1,2-Dichloroethene	156-59-2	ug/L	9/25/2008	1	n/a	ND	
GU-3	d	trans-1,2-Dichloroethene	156-60-5	ug/L	9/25/2008	1	n/a	ND	
GU-3	d	1,2-Dichloropropane	78-87-5	ug/L	9/25/2008	1	n/a	ND	
GU-3	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	9/25/2008	5	n/a	ND	
GU-3	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	9/25/2008	5	n/a	ND	
GU-3	d	1,2-Dichlorobenzene	95-50-1	ug/L	9/25/2008	1	n/a	ND	
GU-3	d	1,4-Dichlorobenzene	106-46-7	ug/L	9/25/2008	1	n/a	ND	
GU-3	d	Ethylbenzene	100-41-4	ug/L	9/25/2008	1	n/a	ND	
GU-3	d	2-Hexanone	591-78-6	ug/L	9/25/2008	10	n/a	ND	
GU-3	d	Bromomethane	74-83-9	ug/L	9/25/2008	4	n/a	ND	
GU-3	d	Chloromethane	74-87-3	ug/L	9/25/2008	3	n/a	ND	
GU-3	d	2-Butanone	78-93-3	ug/L	9/25/2008	10	n/a	ND	
GU-3	d	Iodomethane	74-88-4	ug/L	9/25/2008	10	n/a	ND	
GU-3	d	4-Methyl-2-pentanone	108-10-1	ug/L	9/25/2008	10	n/a	ND	
GU-3	d	Methylene Bromide	74-95-3	ug/L	9/25/2008	1	n/a	ND	
GU-3	d	Methylene Chloride	75-09-2	ug/L	9/25/2008	5	n/a	ND	
GU-3	d	Styrene	100-42-5	ug/L	9/25/2008	1	n/a	ND	
GU-3	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	9/25/2008	1	n/a	ND	
GU-3	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	9/25/2008	1	n/a	ND	
GU-3	d	Tetrachloroethene	127-18-4	ug/L	9/25/2008	1	n/a	ND	
GU-3	d	Toluene	108-88-3	ug/L	9/25/2008	1	n/a	ND	
GU-3	d	1,1,1-Trichloroethane	71-55-6	ug/L	9/25/2008	1	n/a	ND	
GU-3	d	1,1,2-Trichloroethane	79-00-5	ug/L	9/25/2008	1	n/a	ND	
GU-3	d	Trichloroethene	79-01-6	ug/L	9/25/2008	1	n/a	ND	
GU-3	d	Trichlorofluoromethane	75-69-4	ug/L	9/25/2008	4	n/a	ND	
GU-3	d	1,2,3-Trichloropropane	96-18-4	ug/L	9/25/2008	1	n/a	ND	
GU-3	d	Vinyl acetate	108-05-4	ug/L	9/25/2008	2	n/a	ND	
GU-3	d	Vinyl chloride	75-01-4	ug/L	9/25/2008	1	n/a	ND	
GU-3	d	Xylenes, total	1330-20-7	ug/L	9/25/2008	3	n/a	ND	
GU-3BG	u	Antimony	7440-36-0	mg/L	9/25/2008	0.006	n/a	ND	
GU-3BG	u	Arsenic	7440-38-2	mg/L	9/25/2008	n/a	n/a		0.00563
GU-3BG	u	Barium	7440-39-3	mg/L	9/25/2008	n/a	n/a		0.343
GU-3BG	u	Beryllium	7440-41-7	mg/L	9/25/2008	n/a	n/a		0.00468
GU-3BG	u	Cadmium	7440-43-9	mg/L	9/25/2008	n/a	n/a		0.0033
GU-3BG	u	Chromium	7440-47-3	mg/L	9/25/2008	0.02	n/a	ND	
GU-3BG	u	Cobalt	7440-48-4	mg/L	9/25/2008	n/a	n/a		0.0701
GU-3BG	u	Copper	7440-50-8	mg/L	9/25/2008	n/a	n/a		0.0586
GU-3BG	u	Lead	7439-92-1	mg/L	9/25/2008	n/a	n/a		0.0155
GU-3BG	u	Nickel	7440-02-0	mg/L	9/25/2008	n/a	n/a		0.127
GU-3BG	u	Selenium	7782-49-2	mg/L	9/25/2008	0.005	n/a	ND	
GU-3BG	u	Silver	7440-22-4	mg/L	9/25/2008	0.02	n/a	ND	
GU-3BG	u	Thallium	7440-28-0	mg/L	9/25/2008	0.002	n/a	ND	
GU-3BG	u	Vanadium	7440-62-2	mg/L	9/25/2008	0.05	n/a	ND	
GU-3BG	u	Zinc	7440-66-6	mg/L	9/25/2008	n/a	n/a		0.183
GU-3BG	u	Acetone	67-64-1	ug/L	9/25/2008	10	n/a	ND	
GU-3BG	u	Acrylonitrile	107-13-1	ug/L	9/25/2008	10	n/a	ND	
GU-3BG	u	Benzene	71-43-2	ug/L	9/25/2008	0.5	n/a	ND	
GU-3BG	u	Bromochloromethane	74-97-5	ug/L	9/25/2008	5	n/a	ND	
GU-3BG	u	Bromodichloromethane	75-27-4	ug/L	9/25/2008	1	n/a	ND	
GU-3BG	u	Bromoform	75-25-2	ug/L	9/25/2008	5	n/a	ND	
GU-3BG	u	Carbon disulfide	75-15-0	ug/L	9/25/2008	1	n/a	ND	
GU-3BG	u	Carbon Tetrachloride	56-23-5	ug/L	9/25/2008	2	n/a	ND	
GU-3BG	u	Chlorobenzene	108-90-7	ug/L	9/25/2008	1	n/a	ND	
GU-3BG	u	Chloroethane	75-00-3	ug/L	9/25/2008	4	n/a	ND	
GU-3BG	u	Chloroform	67-66-3	ug/L	9/25/2008	1	n/a	ND	
GU-3BG	u	Chlorodibromomethane	124-48-1	ug/L	9/25/2008	5	n/a	ND	
GU-3BG	u	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	9/25/2008	0.86	n/a	ND	
GU-3BG	u	1,2-Dibromoethane [EDB]	106-93-4	ug/L	9/25/2008	0.25	n/a	ND	
GU-3BG	u	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	9/25/2008	10	n/a	ND	
GU-3BG	u	1,1-Dichloroethane	75-34-3	ug/L	9/25/2008	1	n/a	ND	
GU-3BG	u	1,2-Dichloroethane	107-06-2	ug/L	9/25/2008	1	n/a	ND	
GU-3BG	u	1,1-Dichloroethene	75-35-4	ug/L	9/25/2008	2	n/a	ND	
GU-3BG	u	cis-1,2-Dichloroethene	156-59-2	ug/L	9/25/2008	1	n/a	ND	
GU-3BG	u	trans-1,2-Dichloroethene	156-60-5	ug/L	9/25/2008	1	n/a	ND	
GU-3BG	u	1,2-Dichloropropane	78-87-5	ug/L	9/25/2008	1	n/a	ND	
GU-3BG	u	cis-1,3-Dichloropropene	10061-01-5	ug/L	9/25/2008	5	n/a	ND	
GU-3BG	u	trans-1,3-Dichloropropene	10061-02-6	ug/L	9/25/2008	5	n/a	ND	
GU-3BG	u	1,2-Dichlorobenzene	95-50-1	ug/L	9/25/2008	1	n/a	ND	
GU-3BG	u	1,4-Dichlorobenzene	106-46-7	ug/L	9/25/2008	1	n/a	ND	
GU-3BG	u	Ethylbenzene	100-41-4	ug/L	9/25/2008	1	n/a	ND	
GU-3BG	u	2-Hexanone	591-78-6	ug/L	9/25/2008	10	n/a	ND	
GU-3BG	u	Bromomethane	74-83-9	ug/L	9/25/2008	4	n/a	ND	

Table 9A
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Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
GU-3BG	u	Chloromethane	74-87-3	ug/L	9/25/2008	3	n/a	ND	
GU-3BG	u	2-Butanone	78-93-3	ug/L	9/25/2008	10	n/a	ND	
GU-3BG	u	Iodomethane	74-88-4	ug/L	9/25/2008	10	n/a	ND	
GU-3BG	u	4-Methyl-2-pentanone	108-10-1	ug/L	9/25/2008	10	n/a	ND	
GU-3BG	u	Methylene Bromide	74-95-3	ug/L	9/25/2008	1	n/a	ND	
GU-3BG	u	Methylene Chloride	75-09-2	ug/L	9/25/2008	5	n/a	ND	
GU-3BG	u	Styrene	100-42-5	ug/L	9/25/2008	1	n/a	ND	
GU-3BG	u	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	9/25/2008	1	n/a	ND	
GU-3BG	u	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	9/25/2008	1	n/a	ND	
GU-3BG	u	Tetrachloroethene	127-18-4	ug/L	9/25/2008	1	n/a	ND	
GU-3BG	u	Toluene	108-88-3	ug/L	9/25/2008	1	n/a	ND	
GU-3BG	u	1,1,1-Trichloroethane	71-55-6	ug/L	9/25/2008	1	n/a	ND	
GU-3BG	u	1,1,2-Trichloroethane	79-00-5	ug/L	9/25/2008	1	n/a	ND	
GU-3BG	u	Trichloroethene	79-01-6	ug/L	9/25/2008	1	n/a	ND	
GU-3BG	u	Trichlorofluoromethane	75-69-4	ug/L	9/25/2008	4	n/a	ND	
GU-3BG	u	1,2,3-Trichloropropane	96-18-4	ug/L	9/25/2008	1	n/a	ND	
GU-3BG	u	Vinyl acetate	108-05-4	ug/L	9/25/2008	2	n/a	ND	
GU-3BG	u	Vinyl chloride	75-01-4	ug/L	9/25/2008	1	n/a	ND	
GU-3BG	u	Xylenes, total	1330-20-7	ug/L	9/25/2008	3	n/a	ND	
GU-4	d	Antimony	7440-36-0	mg/L	9/25/2008	n/a	n/a		0.00881
GU-4	d	Arsenic	7440-38-2	mg/L	9/25/2008	n/a	n/a		0.0142
GU-4	d	Barium	7440-39-3	mg/L	9/25/2008	n/a	n/a		0.0682
GU-4	d	Beryllium	7440-41-7	mg/L	9/25/2008	n/a	n/a		0.00328
GU-4	d	Cadmium	7440-43-9	mg/L	9/25/2008	n/a	n/a		0.00436
GU-4	d	Chromium	7440-47-3	mg/L	9/25/2008	0.06	n/a	ND	
GU-4	d	Cobalt	7440-48-4	mg/L	9/25/2008	n/a	n/a		0.0833
GU-4	d	Copper	7440-50-8	mg/L	9/25/2008	0.06	n/a	ND	
GU-4	d	Lead	7439-92-1	mg/L	9/25/2008	0.004	n/a	ND	
GU-4	d	Nickel	7440-02-0	mg/L	9/25/2008	n/a	n/a		0.196
GU-4	d	Selenium	7782-49-2	mg/L	9/25/2008	0.02	n/a	ND	
GU-4	d	Silver	7440-22-4	mg/L	9/25/2008	0.06	n/a	ND	
GU-4	d	Thallium	7440-28-0	mg/L	9/25/2008	0.002	n/a	ND	
GU-4	d	Vanadium	7440-62-2	mg/L	9/25/2008	0.15	n/a	ND	
GU-4	d	Zinc	7440-66-6	mg/L	9/25/2008	n/a	n/a		0.456
GU-4	d	Acetone	67-64-1	ug/L	9/25/2008	10	n/a	ND	
GU-4	d	Acrylonitrile	107-13-1	ug/L	9/25/2008	10	n/a	ND	
GU-4	d	Benzene	71-43-2	ug/L	9/25/2008	0.5	n/a	ND	
GU-4	d	Bromochloromethane	74-97-5	ug/L	9/25/2008	5	n/a	ND	
GU-4	d	Bromodichloromethane	75-27-4	ug/L	9/25/2008	1	n/a	ND	
GU-4	d	Bromoform	75-25-2	ug/L	9/25/2008	5	n/a	ND	
GU-4	d	Carbon disulfide	75-15-0	ug/L	9/25/2008	1	n/a	ND	
GU-4	d	Carbon Tetrachloride	56-23-5	ug/L	9/25/2008	2	n/a	ND	
GU-4	d	Chlorobenzene	108-90-7	ug/L	9/25/2008	1	n/a	ND	
GU-4	d	Chloroethane	75-00-3	ug/L	9/25/2008	4	n/a	ND	
GU-4	d	Chloroform	67-66-3	ug/L	9/25/2008	1	n/a	ND	
GU-4	d	Chlorodibromomethane	124-48-1	ug/L	9/25/2008	5	n/a	ND	
GU-4	d	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	9/25/2008	0.86	n/a	ND	
GU-4	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	9/25/2008	0.25	n/a	ND	
GU-4	d	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	9/25/2008	10	n/a	ND	
GU-4	d	1,1-Dichloroethane	75-34-3	ug/L	9/25/2008	1	n/a	ND	
GU-4	d	1,2-Dichloroethane	107-06-2	ug/L	9/25/2008	1	n/a	ND	
GU-4	d	1,1-Dichloroethene	75-35-4	ug/L	9/25/2008	2	n/a	ND	
GU-4	d	cis-1,2-Dichloroethene	156-59-2	ug/L	9/25/2008	1	n/a	ND	
GU-4	d	trans-1,2-Dichloroethene	156-60-5	ug/L	9/25/2008	1	n/a	ND	
GU-4	d	1,2-Dichloropropane	78-87-5	ug/L	9/25/2008	1	n/a	ND	
GU-4	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	9/25/2008	5	n/a	ND	
GU-4	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	9/25/2008	5	n/a	ND	
GU-4	d	1,2-Dichlorobenzene	95-50-1	ug/L	9/25/2008	1	n/a	ND	
GU-4	d	1,4-Dichlorobenzene	106-46-7	ug/L	9/25/2008	1	n/a	ND	
GU-4	d	Ethylbenzene	100-41-4	ug/L	9/25/2008	1	n/a	ND	
GU-4	d	2-Hexanone	591-78-6	ug/L	9/25/2008	10	n/a	ND	
GU-4	d	Bromomethane	74-83-9	ug/L	9/25/2008	4	n/a	ND	
GU-4	d	Chloromethane	74-87-3	ug/L	9/25/2008	3	n/a	ND	
GU-4	d	2-Butanone	78-93-3	ug/L	9/25/2008	10	n/a	ND	
GU-4	d	Iodomethane	74-88-4	ug/L	9/25/2008	10	n/a	ND	
GU-4	d	4-Methyl-2-pentanone	108-10-1	ug/L	9/25/2008	10	n/a	ND	
GU-4	d	Methylene Bromide	74-95-3	ug/L	9/25/2008	1	n/a	ND	
GU-4	d	Methylene Chloride	75-09-2	ug/L	9/25/2008	5	n/a	ND	
GU-4	d	Styrene	100-42-5	ug/L	9/25/2008	1	n/a	ND	
GU-4	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	9/25/2008	1	n/a	ND	
GU-4	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	9/25/2008	1	n/a	ND	
GU-4	d	Tetrachloroethene	127-18-4	ug/L	9/25/2008	1	n/a	ND	
GU-4	d	Toluene	108-88-3	ug/L	9/25/2008	1	n/a	ND	
GU-4	d	1,1,1-Trichloroethane	71-55-6	ug/L	9/25/2008	1	n/a	ND	
GU-4	d	1,1,2-Trichloroethane	79-00-5	ug/L	9/25/2008	1	n/a	ND	

Table 9A
Analytical Data Summary - Phase II MSWLF
2024 Annual Water Quality Report
Phase II MSWLF and CWTS
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
GU-4	d	Trichloroethene	79-01-6	ug/L	9/25/2008	1	n/a	ND	
GU-4	d	Trichlorofluoromethane	75-69-4	ug/L	9/25/2008	4	n/a	ND	
GU-4	d	1,2,3-Trichloropropane	96-18-4	ug/L	9/25/2008	1	n/a	ND	
GU-4	d	Vinyl acetate	108-05-4	ug/L	9/25/2008	2	n/a	ND	
GU-4	d	Vinyl chloride	75-01-4	ug/L	9/25/2008	1	n/a	ND	
GU-4	d	Xylenes, total	1330-20-7	ug/L	9/25/2008	3	n/a	ND	
GU-4BG	u	Antimony	7440-36-0	mg/L	9/25/2008	n/a	n/a		0.00881
GU-4BG	u	Arsenic	7440-38-2	mg/L	9/25/2008	n/a	n/a		0.0142
GU-4BG	u	Barium	7440-39-3	mg/L	9/25/2008	n/a	n/a		0.0682
GU-4BG	u	Beryllium	7440-41-7	mg/L	9/25/2008	n/a	n/a		0.00328
GU-4BG	u	Cadmium	7440-43-9	mg/L	9/25/2008	n/a	n/a		0.00436
GU-4BG	u	Chromium	7440-47-3	mg/L	9/25/2008	0.06	n/a	ND	
GU-4BG	u	Cobalt	7440-48-4	mg/L	9/25/2008	n/a	n/a		0.0833
GU-4BG	u	Copper	7440-50-8	mg/L	9/25/2008	0.06	n/a	ND	
GU-4BG	u	Lead	7439-92-1	mg/L	9/25/2008	0.004	n/a	ND	
GU-4BG	u	Nickel	7440-02-0	mg/L	9/25/2008	n/a	n/a		0.196
GU-4BG	u	Selenium	7782-49-2	mg/L	9/25/2008	0.02	n/a	ND	
GU-4BG	u	Silver	7440-22-4	mg/L	9/25/2008	0.06	n/a	ND	
GU-4BG	u	Thallium	7440-28-0	mg/L	9/25/2008	0.002	n/a	ND	
GU-4BG	u	Vanadium	7440-62-2	mg/L	9/25/2008	0.15	n/a	ND	
GU-4BG	u	Zinc	7440-66-6	mg/L	9/25/2008	n/a	n/a		0.456
GU-4BG	u	Acetone	67-64-1	ug/L	9/25/2008	10	n/a	ND	
GU-4BG	u	Acrylonitrile	107-13-1	ug/L	9/25/2008	10	n/a	ND	
GU-4BG	u	Benzene	71-43-2	ug/L	9/25/2008	0.5	n/a	ND	
GU-4BG	u	Bromochloromethane	74-97-5	ug/L	9/25/2008	5	n/a	ND	
GU-4BG	u	Bromodichloromethane	75-27-4	ug/L	9/25/2008	1	n/a	ND	
GU-4BG	u	Bromoform	75-25-2	ug/L	9/25/2008	5	n/a	ND	
GU-4BG	u	Carbon disulfide	75-15-0	ug/L	9/25/2008	1	n/a	ND	
GU-4BG	u	Carbon Tetrachloride	56-23-5	ug/L	9/25/2008	2	n/a	ND	
GU-4BG	u	Chlorobenzene	108-90-7	ug/L	9/25/2008	1	n/a	ND	
GU-4BG	u	Chloroethane	75-00-3	ug/L	9/25/2008	4	n/a	ND	
GU-4BG	u	Chloroform	67-66-3	ug/L	9/25/2008	1	n/a	ND	
GU-4BG	u	Chlorodibromomethane	124-48-1	ug/L	9/25/2008	5	n/a	ND	
GU-4BG	u	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	9/25/2008	0.86	n/a	ND	
GU-4BG	u	1,2-Dibromoethane [EDB]	106-93-4	ug/L	9/25/2008	0.25	n/a	ND	
GU-4BG	u	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	9/25/2008	10	n/a	ND	
GU-4BG	u	1,1-Dichloroethane	75-34-3	ug/L	9/25/2008	1	n/a	ND	
GU-4BG	u	1,2-Dichloroethane	107-06-2	ug/L	9/25/2008	1	n/a	ND	
GU-4BG	u	1,1-Dichloroethene	75-35-4	ug/L	9/25/2008	2	n/a	ND	
GU-4BG	u	cis-1,2-Dichloroethene	156-59-2	ug/L	9/25/2008	1	n/a	ND	
GU-4BG	u	trans-1,2-Dichloroethene	156-60-5	ug/L	9/25/2008	1	n/a	ND	
GU-4BG	u	1,2-Dichloropropane	78-87-5	ug/L	9/25/2008	1	n/a	ND	
GU-4BG	u	cis-1,3-Dichloropropene	10061-01-5	ug/L	9/25/2008	5	n/a	ND	
GU-4BG	u	trans-1,3-Dichloropropene	10061-02-6	ug/L	9/25/2008	5	n/a	ND	
GU-4BG	u	1,2-Dichlorobenzene	95-50-1	ug/L	9/25/2008	1	n/a	ND	
GU-4BG	u	1,4-Dichlorobenzene	106-46-7	ug/L	9/25/2008	1	n/a	ND	
GU-4BG	u	Ethylbenzene	100-41-4	ug/L	9/25/2008	1	n/a	ND	
GU-4BG	u	2-Hexanone	591-78-6	ug/L	9/25/2008	10	n/a	ND	
GU-4BG	u	Bromomethane	74-83-9	ug/L	9/25/2008	4	n/a	ND	
GU-4BG	u	Chloromethane	74-87-3	ug/L	9/25/2008	3	n/a	ND	
GU-4BG	u	2-Butanone	78-93-3	ug/L	9/25/2008	10	n/a	ND	
GU-4BG	u	Iodomethane	74-88-4	ug/L	9/25/2008	10	n/a	ND	
GU-4BG	u	4-Methyl-2-pentanone	108-10-1	ug/L	9/25/2008	10	n/a	ND	
GU-4BG	u	Methylene Bromide	74-95-3	ug/L	9/25/2008	1	n/a	ND	
GU-4BG	u	Methylene Chloride	75-09-2	ug/L	9/25/2008	5	n/a	ND	
GU-4BG	u	Styrene	100-42-5	ug/L	9/25/2008	1	n/a	ND	
GU-4BG	u	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	9/25/2008	1	n/a	ND	
GU-4BG	u	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	9/25/2008	1	n/a	ND	
GU-4BG	u	Tetrachloroethene	127-18-4	ug/L	9/25/2008	1	n/a	ND	
GU-4BG	u	Toluene	108-88-3	ug/L	9/25/2008	1	n/a	ND	
GU-4BG	u	1,1,1-Trichloroethane	71-55-6	ug/L	9/25/2008	1	n/a	ND	
GU-4BG	u	1,1,2-Trichloroethane	79-00-5	ug/L	9/25/2008	1	n/a	ND	
GU-4BG	u	Trichloroethene	79-01-6	ug/L	9/25/2008	1	n/a	ND	
GU-4BG	u	Trichlorofluoromethane	75-69-4	ug/L	9/25/2008	4	n/a	ND	
GU-4BG	u	1,2,3-Trichloropropane	96-18-4	ug/L	9/25/2008	1	n/a	ND	
GU-4BG	u	Vinyl acetate	108-05-4	ug/L	9/25/2008	2	n/a	ND	
GU-4BG	u	Vinyl chloride	75-01-4	ug/L	9/25/2008	1	n/a	ND	
GU-4BG	u	Xylenes, total	1330-20-7	ug/L	9/25/2008	3	n/a	ND	
MW-AR	d	Antimony	7440-36-0	mg/L	9/25/2008	0.006	n/a	ND	
MW-AR	d	Arsenic	7440-38-2	mg/L	9/25/2008	n/a	n/a		0.00108
MW-AR	d	Barium	7440-39-3	mg/L	9/25/2008	n/a	n/a		0.0354
MW-AR	d	Beryllium	7440-41-7	mg/L	9/25/2008	0.001	n/a	ND	
MW-AR	d	Cadmium	7440-43-9	mg/L	9/25/2008	0.0005	n/a	ND	
MW-AR	d	Chromium	7440-47-3	mg/L	9/25/2008	0.02	n/a	ND	
MW-AR	d	Cobalt	7440-48-4	mg/L	9/25/2008	0.02	n/a	ND	

Table 9A
Analytical Data Summary - Phase II MSWLF
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Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-AR	d	Copper	7440-50-8	mg/L	9/25/2008	0.02	n/a	ND	
MW-AR	d	Lead	7439-92-1	mg/L	9/25/2008	0.004	n/a	ND	
MW-AR	d	Nickel	7440-02-0	mg/L	9/25/2008	0.05	n/a	ND	
MW-AR	d	Selenium	7782-49-2	mg/L	9/25/2008	0.005	n/a	ND	
MW-AR	d	Silver	7440-22-4	mg/L	9/25/2008	0.02	n/a	ND	
MW-AR	d	Thallium	7440-28-0	mg/L	9/25/2008	0.002	n/a	ND	
MW-AR	d	Vanadium	7440-62-2	mg/L	9/25/2008	0.05	n/a	ND	
MW-AR	d	Zinc	7440-66-6	mg/L	9/25/2008	n/a	n/a		0.11
MW-AR	d	Acetone	67-64-1	ug/L	9/25/2008	10	n/a	ND	
MW-AR	d	Acrylonitrile	107-13-1	ug/L	9/25/2008	10	n/a	ND	
MW-AR	d	Benzene	71-43-2	ug/L	9/25/2008	0.5	n/a	ND	
MW-AR	d	Bromochloromethane	74-97-5	ug/L	9/25/2008	5	n/a	ND	
MW-AR	d	Bromodichloromethane	75-27-4	ug/L	9/25/2008	1	n/a	ND	
MW-AR	d	Bromoform	75-25-2	ug/L	9/25/2008	5	n/a	ND	
MW-AR	d	Carbon disulfide	75-15-0	ug/L	9/25/2008	1	n/a	ND	
MW-AR	d	Carbon Tetrachloride	56-23-5	ug/L	9/25/2008	2	n/a	ND	
MW-AR	d	Chlorobenzene	108-90-7	ug/L	9/25/2008	1	n/a	ND	
MW-AR	d	Chloroethane	75-00-3	ug/L	9/25/2008	4	n/a	ND	
MW-AR	d	Chloroform	67-66-3	ug/L	9/25/2008	1	n/a	ND	
MW-AR	d	Chlorodibromomethane	124-48-1	ug/L	9/25/2008	5	n/a	ND	
MW-AR	d	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	9/25/2008	0.86	n/a	ND	
MW-AR	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	9/25/2008	0.25	n/a	ND	
MW-AR	d	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	9/25/2008	10	n/a	ND	
MW-AR	d	1,1-Dichloroethane	75-34-3	ug/L	9/25/2008	1	n/a	ND	
MW-AR	d	1,2-Dichloroethane	107-06-2	ug/L	9/25/2008	1	n/a	ND	
MW-AR	d	1,1-Dichloroethene	75-35-4	ug/L	9/25/2008	2	n/a	ND	
MW-AR	d	cis-1,2-Dichloroethene	156-59-2	ug/L	9/25/2008	1	n/a	ND	
MW-AR	d	trans-1,2-Dichloroethene	156-60-5	ug/L	9/25/2008	1	n/a	ND	
MW-AR	d	1,2-Dichloropropane	78-87-5	ug/L	9/25/2008	1	n/a	ND	
MW-AR	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	9/25/2008	5	n/a	ND	
MW-AR	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	9/25/2008	5	n/a	ND	
MW-AR	d	1,2-Dichlorobenzene	95-50-1	ug/L	9/25/2008	1	n/a	ND	
MW-AR	d	1,4-Dichlorobenzene	106-46-7	ug/L	9/25/2008	1	n/a	ND	
MW-AR	d	Ethylbenzene	100-41-4	ug/L	9/25/2008	1	n/a	ND	
MW-AR	d	2-Hexanone	591-78-6	ug/L	9/25/2008	10	n/a	ND	
MW-AR	d	Bromomethane	74-83-9	ug/L	9/25/2008	4	n/a	ND	
MW-AR	d	Chloromethane	74-87-3	ug/L	9/25/2008	3	n/a	ND	
MW-AR	d	2-Butanone	78-93-3	ug/L	9/25/2008	10	n/a	ND	
MW-AR	d	Iodomethane	74-88-4	ug/L	9/25/2008	10	n/a	ND	
MW-AR	d	4-Methyl-2-pentanone	108-10-1	ug/L	9/25/2008	10	n/a	ND	
MW-AR	d	Methylene Bromide	74-95-3	ug/L	9/25/2008	1	n/a	ND	
MW-AR	d	Methylene Chloride	75-09-2	ug/L	9/25/2008	5	n/a	ND	
MW-AR	d	Styrene	100-42-5	ug/L	9/25/2008	1	n/a	ND	
MW-AR	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	9/25/2008	1	n/a	ND	
MW-AR	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	9/25/2008	1	n/a	ND	
MW-AR	d	Tetrachloroethene	127-18-4	ug/L	9/25/2008	1	n/a	ND	
MW-AR	d	Toluene	108-88-3	ug/L	9/25/2008	1	n/a	ND	
MW-AR	d	1,1,1-Trichloroethane	71-55-6	ug/L	9/25/2008	1	n/a	ND	
MW-AR	d	1,1,2-Trichloroethane	79-00-5	ug/L	9/25/2008	1	n/a	ND	
MW-AR	d	Trichloroethene	79-01-6	ug/L	9/25/2008	1	n/a	ND	
MW-AR	d	Trichlorofluoromethane	75-69-4	ug/L	9/25/2008	4	n/a	ND	
MW-AR	d	1,2,3-Trichloropropane	96-18-4	ug/L	9/25/2008	1	n/a	ND	
MW-AR	d	Vinyl acetate	108-05-4	ug/L	9/25/2008	2	n/a	ND	
MW-AR	d	Vinyl chloride	75-01-4	ug/L	9/25/2008	1	n/a	ND	
MW-AR	d	Xylenes, total	1330-20-7	ug/L	9/25/2008	3	n/a	ND	
MW-B	d	Antimony	7440-36-0	mg/L	12/22/2008	0.006	n/a	ND	
MW-B	d	Arsenic	7440-38-2	mg/L	12/22/2008	0.001	n/a	ND	
MW-B	d	Barium	7440-39-3	mg/L	12/22/2008	n/a	n/a		0.0404
MW-B	d	Beryllium	7440-41-7	mg/L	12/22/2008	0.001	n/a	ND	
MW-B	d	Cadmium	7440-43-9	mg/L	12/22/2008	0.0005	n/a	ND	
MW-B	d	Chromium	7440-47-3	mg/L	12/22/2008	0.02	n/a	ND	
MW-B	d	Cobalt	7440-48-4	mg/L	12/22/2008	0.02	n/a	ND	
MW-B	d	Copper	7440-50-8	mg/L	12/22/2008	0.02	n/a	ND	
MW-B	d	Lead	7439-92-1	mg/L	12/22/2008	0.004	n/a	ND	
MW-B	d	Nickel	7440-02-0	mg/L	12/22/2008	0.05	n/a	ND	
MW-B	d	Selenium	7782-49-2	mg/L	12/22/2008	0.005	n/a	ND	
MW-B	d	Silver	7440-22-4	mg/L	12/22/2008	0.02	n/a	ND	
MW-B	d	Thallium	7440-28-0	mg/L	12/22/2008	0.002	n/a	ND	
MW-B	d	Vanadium	7440-62-2	mg/L	12/22/2008	0.05	n/a	ND	
MW-B	d	Zinc	7440-66-6	mg/L	12/22/2008	n/a	n/a		0.038
MW-B	d	Acetone	67-64-1	ug/L	12/22/2008	10	n/a	ND	
MW-B	d	Acrylonitrile	107-13-1	ug/L	12/22/2008	10	n/a	ND	
MW-B	d	Benzene	71-43-2	ug/L	12/22/2008	0.5	n/a	ND	
MW-B	d	Bromochloromethane	74-97-5	ug/L	12/22/2008	5	n/a	ND	
MW-B	d	Bromodichloromethane	75-27-4	ug/L	12/22/2008	1	n/a	ND	

Table 9A
Analytical Data Summary - Phase II MSWLF
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Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-B	d	Bromoform	75-25-2	ug/L	12/22/2008	5	n/a	ND	
MW-B	d	Carbon disulfide	75-15-0	ug/L	12/22/2008	1	n/a	ND	
MW-B	d	Carbon Tetrachloride	56-23-5	ug/L	12/22/2008	2	n/a	ND	
MW-B	d	Chlorobenzene	108-90-7	ug/L	12/22/2008	1	n/a	ND	
MW-B	d	Chloroethane	75-00-3	ug/L	12/22/2008	4	n/a	ND	
MW-B	d	Chloroform	67-66-3	ug/L	12/22/2008	1	n/a	ND	
MW-B	d	Chlorodibromomethane	124-48-1	ug/L	12/22/2008	5	n/a	ND	
MW-B	d	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	12/22/2008	10	n/a	ND	
MW-B	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	12/22/2008	10	n/a	ND	
MW-B	d	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	12/22/2008	10	n/a	ND	
MW-B	d	1,1-Dichloroethane	75-34-3	ug/L	12/22/2008	1	n/a	ND	
MW-B	d	1,2-Dichloroethane	107-06-2	ug/L	12/22/2008	1	n/a	ND	
MW-B	d	1,1-Dichloroethene	75-35-4	ug/L	12/22/2008	2	n/a	ND	
MW-B	d	cis-1,2-Dichloroethene	156-59-2	ug/L	12/22/2008	1	n/a	ND	
MW-B	d	trans-1,2-Dichloroethene	156-60-5	ug/L	12/22/2008	1	n/a	ND	
MW-B	d	1,2-Dichloropropane	78-87-5	ug/L	12/22/2008	1	n/a	ND	
MW-B	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	12/22/2008	5	n/a	ND	
MW-B	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	12/22/2008	5	n/a	ND	
MW-B	d	1,2-Dichlorobenzene	95-50-1	ug/L	12/22/2008	1	n/a	ND	
MW-B	d	1,4-Dichlorobenzene	106-46-7	ug/L	12/22/2008	1	n/a	ND	
MW-B	d	Ethylbenzene	100-41-4	ug/L	12/22/2008	1	n/a	ND	
MW-B	d	2-Hexanone	591-78-6	ug/L	12/22/2008	10	n/a	ND	
MW-B	d	Bromomethane	74-83-9	ug/L	12/22/2008	4	n/a	ND	
MW-B	d	Chloromethane	74-87-3	ug/L	12/22/2008	3	n/a	ND	
MW-B	d	2-Butanone	78-93-3	ug/L	12/22/2008	10	n/a	ND	
MW-B	d	Iodomethane	74-88-4	ug/L	12/22/2008	10	n/a	ND	
MW-B	d	4-Methyl-2-pentanone	108-10-1	ug/L	12/22/2008	10	n/a	ND	
MW-B	d	Methylene Bromide	74-95-3	ug/L	12/22/2008	1	n/a	ND	
MW-B	d	Methylene Chloride	75-09-2	ug/L	12/22/2008	5	n/a	ND	
MW-B	d	Styrene	100-42-5	ug/L	12/22/2008	1	n/a	ND	
MW-B	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	12/22/2008	1	n/a	ND	
MW-B	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	12/22/2008	1	n/a	ND	
MW-B	d	Tetrachloroethene	127-18-4	ug/L	12/22/2008	1	n/a	ND	
MW-B	d	Toluene	108-88-3	ug/L	12/22/2008	1	n/a	ND	
MW-B	d	1,1,1-Trichloroethane	71-55-6	ug/L	12/22/2008	1	n/a	ND	
MW-B	d	1,1,2-Trichloroethane	79-00-5	ug/L	12/22/2008	1	n/a	ND	
MW-B	d	Trichloroethene	79-01-6	ug/L	12/22/2008	1	n/a	ND	
MW-B	d	Trichlorofluoromethane	75-69-4	ug/L	12/22/2008	4	n/a	ND	
MW-B	d	1,2,3-Trichloropropane	96-18-4	ug/L	12/22/2008	1	n/a	ND	
MW-B	d	Vinyl acetate	108-05-4	ug/L	12/22/2008	2	n/a	ND	
MW-B	d	Vinyl chloride	75-01-4	ug/L	12/22/2008	1	n/a	ND	
MW-B	d	Xylenes, total	1330-20-7	ug/L	12/22/2008	3	n/a	ND	
GU-3	d	Antimony	7440-36-0	mg/L	3/5/2009	0.006	n/a	ND	
GU-3	d	Arsenic	7440-38-2	mg/L	3/5/2009	0.001	n/a	ND	
GU-3	d	Barium	7440-39-3	mg/L	3/5/2009	n/a	n/a	ND	0.181
GU-3	d	Beryllium	7440-41-7	mg/L	3/5/2009	0.001	n/a	ND	
GU-3	d	Cadmium	7440-43-9	mg/L	3/5/2009	0.0005	n/a	ND	
GU-3	d	Chromium	7440-47-3	mg/L	3/5/2009	0.02	n/a	ND	
GU-3	d	Cobalt	7440-48-4	mg/L	3/5/2009	0.02	n/a	ND	
GU-3	d	Copper	7440-50-8	mg/L	3/5/2009	0.02	n/a	ND	
GU-3	d	Lead	7439-92-1	mg/L	3/5/2009	0.004	n/a	ND	
GU-3	d	Nickel	7440-02-0	mg/L	3/5/2009	0.05	n/a	ND	
GU-3	d	Selenium	7782-49-2	mg/L	3/5/2009	0.005	n/a	ND	
GU-3	d	Silver	7440-22-4	mg/L	3/5/2009	0.02	n/a	ND	
GU-3	d	Thallium	7440-28-0	mg/L	3/5/2009	0.002	n/a	ND	
GU-3	d	Vanadium	7440-62-2	mg/L	3/5/2009	0.05	n/a	ND	
GU-3	d	Zinc	7440-66-6	mg/L	3/5/2009	n/a	n/a	ND	0.0407
GU-3	d	Acetone	67-64-1	ug/L	3/5/2009	10	n/a	ND	
GU-3	d	Acrylonitrile	107-13-1	ug/L	3/5/2009	10	n/a	ND	
GU-3	d	Benzene	71-43-2	ug/L	3/5/2009	0.5	n/a	ND	
GU-3	d	Bromochloromethane	74-97-5	ug/L	3/5/2009	5	n/a	ND	
GU-3	d	Bromodichloromethane	75-27-4	ug/L	3/5/2009	1	n/a	ND	
GU-3	d	Bromoform	75-25-2	ug/L	3/5/2009	5	n/a	ND	
GU-3	d	Carbon disulfide	75-15-0	ug/L	3/5/2009	1	n/a	ND	
GU-3	d	Carbon Tetrachloride	56-23-5	ug/L	3/5/2009	2	n/a	ND	
GU-3	d	Chlorobenzene	108-90-7	ug/L	3/5/2009	1	n/a	ND	
GU-3	d	Chloroethane	75-00-3	ug/L	3/5/2009	4	n/a	ND	
GU-3	d	Chloroform	67-66-3	ug/L	3/5/2009	1	n/a	ND	
GU-3	d	Chlorodibromomethane	124-48-1	ug/L	3/5/2009	5	n/a	ND	
GU-3	d	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	3/5/2009	10	n/a	ND	
GU-3	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	3/5/2009	10	n/a	ND	
GU-3	d	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	3/5/2009	10	n/a	ND	
GU-3	d	1,1-Dichloroethane	75-34-3	ug/L	3/5/2009	1	n/a	ND	
GU-3	d	1,2-Dichloroethane	107-06-2	ug/L	3/5/2009	1	n/a	ND	
GU-3	d	1,1-Dichloroethene	75-35-4	ug/L	3/5/2009	2	n/a	ND	

Table 9A
Analytical Data Summary - Phase II MSWLF
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Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
GU-3	d	cis-1,2-Dichloroethene	156-59-2	ug/L	3/5/2009	1	n/a	ND	
GU-3	d	trans-1,2-Dichloroethene	156-60-5	ug/L	3/5/2009	1	n/a	ND	
GU-3	d	1,2-Dichloropropane	78-87-5	ug/L	3/5/2009	1	n/a	ND	
GU-3	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	3/5/2009	5	n/a	ND	
GU-3	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	3/5/2009	5	n/a	ND	
GU-3	d	1,2-Dichlorobenzene	95-50-1	ug/L	3/5/2009	1	n/a	ND	
GU-3	d	1,4-Dichlorobenzene	106-46-7	ug/L	3/5/2009	1	n/a	ND	
GU-3	d	Ethylbenzene	100-41-4	ug/L	3/5/2009	1	n/a	ND	
GU-3	d	2-Hexanone	591-78-6	ug/L	3/5/2009	10	n/a	ND	
GU-3	d	Bromomethane	74-83-9	ug/L	3/5/2009	4	n/a	ND	
GU-3	d	Chloromethane	74-87-3	ug/L	3/5/2009	3	n/a	ND	
GU-3	d	2-Butanone	78-93-3	ug/L	3/5/2009	10	n/a	ND	
GU-3	d	Iodomethane	74-88-4	ug/L	3/5/2009	10	n/a	ND	
GU-3	d	4-Methyl-2-pentanone	108-10-1	ug/L	3/5/2009	10	n/a	ND	
GU-3	d	Methylene Bromide	74-95-3	ug/L	3/5/2009	1	n/a	ND	
GU-3	d	Methylene Chloride	75-09-2	ug/L	3/5/2009	5	n/a	ND	
GU-3	d	Styrene	100-42-5	ug/L	3/5/2009	1	n/a	ND	
GU-3	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	3/5/2009	1	n/a	ND	
GU-3	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	3/5/2009	1	n/a	ND	
GU-3	d	Tetrachloroethene	127-18-4	ug/L	3/5/2009	1	n/a	ND	
GU-3	d	Toluene	108-88-3	ug/L	3/5/2009	1	n/a	ND	
GU-3	d	1,1,1-Trichloroethane	71-55-6	ug/L	3/5/2009	1	n/a	ND	
GU-3	d	1,1,2-Trichloroethane	79-00-5	ug/L	3/5/2009	1	n/a	ND	
GU-3	d	Trichloroethene	79-01-6	ug/L	3/5/2009	1	n/a	ND	
GU-3	d	Trichlorofluoromethane	75-69-4	ug/L	3/5/2009	4	n/a	ND	
GU-3	d	1,2,3-Trichloropropane	96-18-4	ug/L	3/5/2009	1	n/a	ND	
GU-3	d	Vinyl acetate	108-05-4	ug/L	3/5/2009	2	n/a	ND	
GU-3	d	Vinyl chloride	75-01-4	ug/L	3/5/2009	1	n/a	ND	
GU-3	d	Xylenes, total	1330-20-7	ug/L	3/5/2009	3	n/a	ND	
GU-3BG	u	Antimony	7440-36-0	mg/L	3/5/2009	0.006	n/a	ND	
GU-3BG	u	Arsenic	7440-38-2	mg/L	3/5/2009	0.001	n/a	ND	
GU-3BG	u	Barium	7440-39-3	mg/L	3/5/2009	n/a	n/a		0.181
GU-3BG	u	Beryllium	7440-41-7	mg/L	3/5/2009	0.001	n/a	ND	
GU-3BG	u	Cadmium	7440-43-9	mg/L	3/5/2009	0.0005	n/a	ND	
GU-3BG	u	Chromium	7440-47-3	mg/L	3/5/2009	0.02	n/a	ND	
GU-3BG	u	Cobalt	7440-48-4	mg/L	3/5/2009	0.02	n/a	ND	
GU-3BG	u	Copper	7440-50-8	mg/L	3/5/2009	0.02	n/a	ND	
GU-3BG	u	Lead	7439-92-1	mg/L	3/5/2009	0.004	n/a	ND	
GU-3BG	u	Nickel	7440-02-0	mg/L	3/5/2009	0.05	n/a	ND	
GU-3BG	u	Selenium	7782-49-2	mg/L	3/5/2009	0.005	n/a	ND	
GU-3BG	u	Silver	7440-22-4	mg/L	3/5/2009	0.02	n/a	ND	
GU-3BG	u	Thallium	7440-28-0	mg/L	3/5/2009	0.002	n/a	ND	
GU-3BG	u	Vanadium	7440-62-2	mg/L	3/5/2009	0.05	n/a	ND	
GU-3BG	u	Zinc	7440-66-6	mg/L	3/5/2009	n/a	n/a		0.0407
GU-3BG	u	Acetone	67-64-1	ug/L	3/5/2009	10	n/a	ND	
GU-3BG	u	Acrylonitrile	107-13-1	ug/L	3/5/2009	10	n/a	ND	
GU-3BG	u	Benzene	71-43-2	ug/L	3/5/2009	0.5	n/a	ND	
GU-3BG	u	Bromochloromethane	74-97-5	ug/L	3/5/2009	5	n/a	ND	
GU-3BG	u	Bromodichloromethane	75-27-4	ug/L	3/5/2009	1	n/a	ND	
GU-3BG	u	Bromoform	75-25-2	ug/L	3/5/2009	5	n/a	ND	
GU-3BG	u	Carbon disulfide	75-15-0	ug/L	3/5/2009	1	n/a	ND	
GU-3BG	u	Carbon Tetrachloride	56-23-5	ug/L	3/5/2009	2	n/a	ND	
GU-3BG	u	Chlorobenzene	108-90-7	ug/L	3/5/2009	1	n/a	ND	
GU-3BG	u	Chloroethane	75-00-3	ug/L	3/5/2009	4	n/a	ND	
GU-3BG	u	Chloroform	67-66-3	ug/L	3/5/2009	1	n/a	ND	
GU-3BG	u	Chlorodibromomethane	124-48-1	ug/L	3/5/2009	5	n/a	ND	
GU-3BG	u	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	3/5/2009	10	n/a	ND	
GU-3BG	u	1,2-Dibromoethane [EDB]	106-93-4	ug/L	3/5/2009	10	n/a	ND	
GU-3BG	u	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	3/5/2009	10	n/a	ND	
GU-3BG	u	1,1-Dichloroethane	75-34-3	ug/L	3/5/2009	1	n/a	ND	
GU-3BG	u	1,2-Dichloroethane	107-06-2	ug/L	3/5/2009	1	n/a	ND	
GU-3BG	u	1,1-Dichloroethene	75-35-4	ug/L	3/5/2009	2	n/a	ND	
GU-3BG	u	cis-1,2-Dichloroethene	156-59-2	ug/L	3/5/2009	1	n/a	ND	
GU-3BG	u	trans-1,2-Dichloroethene	156-60-5	ug/L	3/5/2009	1	n/a	ND	
GU-3BG	u	1,2-Dichloropropane	78-87-5	ug/L	3/5/2009	1	n/a	ND	
GU-3BG	u	cis-1,3-Dichloropropene	10061-01-5	ug/L	3/5/2009	5	n/a	ND	
GU-3BG	u	trans-1,3-Dichloropropene	10061-02-6	ug/L	3/5/2009	5	n/a	ND	
GU-3BG	u	1,2-Dichlorobenzene	95-50-1	ug/L	3/5/2009	1	n/a	ND	
GU-3BG	u	1,4-Dichlorobenzene	106-46-7	ug/L	3/5/2009	1	n/a	ND	
GU-3BG	u	Ethylbenzene	100-41-4	ug/L	3/5/2009	1	n/a	ND	
GU-3BG	u	2-Hexanone	591-78-6	ug/L	3/5/2009	10	n/a	ND	
GU-3BG	u	Bromomethane	74-83-9	ug/L	3/5/2009	4	n/a	ND	
GU-3BG	u	Chloromethane	74-87-3	ug/L	3/5/2009	3	n/a	ND	
GU-3BG	u	2-Butanone	78-93-3	ug/L	3/5/2009	10	n/a	ND	
GU-3BG	u	Iodomethane	74-88-4	ug/L	3/5/2009	10	n/a	ND	

Table 9A
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Phase II MSWLF and CWTS
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Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
GU-3BG	u	4-Methyl-2-pentanone	108-10-1	ug/L	3/5/2009	10	n/a	ND	
GU-3BG	u	Methylene Bromide	74-95-3	ug/L	3/5/2009	1	n/a	ND	
GU-3BG	u	Methylene Chloride	75-09-2	ug/L	3/5/2009	5	n/a	ND	
GU-3BG	u	Styrene	100-42-5	ug/L	3/5/2009	1	n/a	ND	
GU-3BG	u	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	3/5/2009	1	n/a	ND	
GU-3BG	u	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	3/5/2009	1	n/a	ND	
GU-3BG	u	Tetrachloroethene	127-18-4	ug/L	3/5/2009	1	n/a	ND	
GU-3BG	u	Toluene	108-88-3	ug/L	3/5/2009	1	n/a	ND	
GU-3BG	u	1,1,1-Trichloroethane	71-55-6	ug/L	3/5/2009	1	n/a	ND	
GU-3BG	u	1,1,2-Trichloroethane	79-00-5	ug/L	3/5/2009	1	n/a	ND	
GU-3BG	u	Trichloroethene	79-01-6	ug/L	3/5/2009	1	n/a	ND	
GU-3BG	u	Trichlorofluoromethane	75-69-4	ug/L	3/5/2009	4	n/a	ND	
GU-3BG	u	1,2,3-Trichloropropane	96-18-4	ug/L	3/5/2009	1	n/a	ND	
GU-3BG	u	Vinyl acetate	108-05-4	ug/L	3/5/2009	2	n/a	ND	
GU-3BG	u	Vinyl chloride	75-01-4	ug/L	3/5/2009	1	n/a	ND	
GU-3BG	u	Xylenes, total	1330-20-7	ug/L	3/5/2009	3	n/a	ND	
GU-4	d	Antimony	7440-36-0	mg/L	3/5/2009	0.006	n/a	ND	
GU-4	d	Arsenic	7440-38-2	mg/L	3/5/2009	0.001	n/a	ND	
GU-4	d	Barium	7440-39-3	mg/L	3/5/2009	n/a	n/a		0.0126
GU-4	d	Beryllium	7440-41-7	mg/L	3/5/2009	0.001	n/a	ND	
GU-4	d	Cadmium	7440-43-9	mg/L	3/5/2009	0.0005	n/a	ND	
GU-4	d	Chromium	7440-47-3	mg/L	3/5/2009	0.02	n/a	ND	
GU-4	d	Cobalt	7440-48-4	mg/L	3/5/2009	0.02	n/a	ND	
GU-4	d	Copper	7440-50-8	mg/L	3/5/2009	0.02	n/a	ND	
GU-4	d	Lead	7439-92-1	mg/L	3/5/2009	0.004	n/a	ND	
GU-4	d	Nickel	7440-02-0	mg/L	3/5/2009	0.05	n/a	ND	
GU-4	d	Selenium	7782-49-2	mg/L	3/5/2009	0.005	n/a	ND	
GU-4	d	Silver	7440-22-4	mg/L	3/5/2009	0.02	n/a	ND	
GU-4	d	Thallium	7440-28-0	mg/L	3/5/2009	0.002	n/a	ND	
GU-4	d	Vanadium	7440-62-2	mg/L	3/5/2009	0.05	n/a	ND	
GU-4	d	Zinc	7440-66-6	mg/L	3/5/2009	n/a	n/a		0.149
GU-4	d	Acetone	67-64-1	ug/L	3/5/2009	10	n/a	ND	
GU-4	d	Acrylonitrile	107-13-1	ug/L	3/5/2009	10	n/a	ND	
GU-4	d	Benzene	71-43-2	ug/L	3/5/2009	0.5	n/a	ND	
GU-4	d	Bromochloromethane	74-97-5	ug/L	3/5/2009	5	n/a	ND	
GU-4	d	Bromodichloromethane	75-27-4	ug/L	3/5/2009	1	n/a	ND	
GU-4	d	Bromoform	75-25-2	ug/L	3/5/2009	5	n/a	ND	
GU-4	d	Carbon disulfide	75-15-0	ug/L	3/5/2009	1	n/a	ND	
GU-4	d	Carbon Tetrachloride	56-23-5	ug/L	3/5/2009	2	n/a	ND	
GU-4	d	Chlorobenzene	108-90-7	ug/L	3/5/2009	1	n/a	ND	
GU-4	d	Chloroethane	75-00-3	ug/L	3/5/2009	4	n/a	ND	
GU-4	d	Chloroform	67-66-3	ug/L	3/5/2009	1	n/a	ND	
GU-4	d	Chlorodibromomethane	124-48-1	ug/L	3/5/2009	5	n/a	ND	
GU-4	d	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	3/5/2009	10	n/a	ND	
GU-4	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	3/5/2009	10	n/a	ND	
GU-4	d	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	3/5/2009	10	n/a	ND	
GU-4	d	1,1-Dichloroethane	75-34-3	ug/L	3/5/2009	1	n/a	ND	
GU-4	d	1,2-Dichloroethane	107-06-2	ug/L	3/5/2009	1	n/a	ND	
GU-4	d	1,1-Dichloroethene	75-35-4	ug/L	3/5/2009	2	n/a	ND	
GU-4	d	cis-1,2-Dichloroethene	156-59-2	ug/L	3/5/2009	1	n/a	ND	
GU-4	d	trans-1,2-Dichloroethene	156-60-5	ug/L	3/5/2009	1	n/a	ND	
GU-4	d	1,2-Dichloropropane	78-87-5	ug/L	3/5/2009	1	n/a	ND	
GU-4	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	3/5/2009	5	n/a	ND	
GU-4	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	3/5/2009	5	n/a	ND	
GU-4	d	1,2-Dichlorobenzene	95-50-1	ug/L	3/5/2009	1	n/a	ND	
GU-4	d	1,4-Dichlorobenzene	106-46-7	ug/L	3/5/2009	1	n/a	ND	
GU-4	d	Ethylbenzene	100-41-4	ug/L	3/5/2009	1	n/a	ND	
GU-4	d	2-Hexanone	591-78-6	ug/L	3/5/2009	10	n/a	ND	
GU-4	d	Bromomethane	74-83-9	ug/L	3/5/2009	4	n/a	ND	
GU-4	d	Chloromethane	74-87-3	ug/L	3/5/2009	3	n/a	ND	
GU-4	d	2-Butanone	78-93-3	ug/L	3/5/2009	10	n/a	ND	
GU-4	d	Iodomethane	74-88-4	ug/L	3/5/2009	10	n/a	ND	
GU-4	d	4-Methyl-2-pentanone	108-10-1	ug/L	3/5/2009	10	n/a	ND	
GU-4	d	Methylene Bromide	74-95-3	ug/L	3/5/2009	1	n/a	ND	
GU-4	d	Methylene Chloride	75-09-2	ug/L	3/5/2009	5	n/a	ND	
GU-4	d	Styrene	100-42-5	ug/L	3/5/2009	1	n/a	ND	
GU-4	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	3/5/2009	1	n/a	ND	
GU-4	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	3/5/2009	1	n/a	ND	
GU-4	d	Tetrachloroethene	127-18-4	ug/L	3/5/2009	1	n/a	ND	
GU-4	d	Toluene	108-88-3	ug/L	3/5/2009	1	n/a	ND	
GU-4	d	1,1,1-Trichloroethane	71-55-6	ug/L	3/5/2009	1	n/a	ND	
GU-4	d	1,1,2-Trichloroethane	79-00-5	ug/L	3/5/2009	1	n/a	ND	
GU-4	d	Trichloroethene	79-01-6	ug/L	3/5/2009	1	n/a	ND	
GU-4	d	Trichlorofluoromethane	75-69-4	ug/L	3/5/2009	4	n/a	ND	
GU-4	d	1,2,3-Trichloropropane	96-18-4	ug/L	3/5/2009	1	n/a	ND	

Table 9A
Analytical Data Summary - Phase II MSWLF
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Phase II MSWLF and CWTS
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Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
GU-4	d	Vinyl acetate	108-05-4	ug/L	3/5/2009	2	n/a	ND	
GU-4	d	Vinyl chloride	75-01-4	ug/L	3/5/2009	1	n/a	ND	
GU-4	d	Xylenes, total	1330-20-7	ug/L	3/5/2009	3	n/a	ND	
GU-4BG	u	Antimony	7440-36-0	mg/L	3/5/2009	0.006	n/a	ND	
GU-4BG	u	Arsenic	7440-38-2	mg/L	3/5/2009	0.001	n/a	ND	
GU-4BG	u	Barium	7440-39-3	mg/L	3/5/2009	n/a	n/a		0.0126
GU-4BG	u	Beryllium	7440-41-7	mg/L	3/5/2009	0.001	n/a	ND	
GU-4BG	u	Cadmium	7440-43-9	mg/L	3/5/2009	0.0005	n/a	ND	
GU-4BG	u	Chromium	7440-47-3	mg/L	3/5/2009	0.02	n/a	ND	
GU-4BG	u	Cobalt	7440-48-4	mg/L	3/5/2009	0.02	n/a	ND	
GU-4BG	u	Copper	7440-50-8	mg/L	3/5/2009	0.02	n/a	ND	
GU-4BG	u	Lead	7439-92-1	mg/L	3/5/2009	0.004	n/a	ND	
GU-4BG	u	Nickel	7440-02-0	mg/L	3/5/2009	0.05	n/a	ND	
GU-4BG	u	Selenium	7782-49-2	mg/L	3/5/2009	0.005	n/a	ND	
GU-4BG	u	Silver	7440-22-4	mg/L	3/5/2009	0.02	n/a	ND	
GU-4BG	u	Thallium	7440-28-0	mg/L	3/5/2009	0.002	n/a	ND	
GU-4BG	u	Vanadium	7440-62-2	mg/L	3/5/2009	0.05	n/a	ND	
GU-4BG	u	Zinc	7440-66-6	mg/L	3/5/2009	n/a	n/a		0.149
GU-4BG	u	Acetone	67-64-1	ug/L	3/5/2009	10	n/a	ND	
GU-4BG	u	Acrylonitrile	107-13-1	ug/L	3/5/2009	10	n/a	ND	
GU-4BG	u	Benzene	71-43-2	ug/L	3/5/2009	0.5	n/a	ND	
GU-4BG	u	Bromochloromethane	74-97-5	ug/L	3/5/2009	5	n/a	ND	
GU-4BG	u	Bromodichloromethane	75-27-4	ug/L	3/5/2009	1	n/a	ND	
GU-4BG	u	Bromoform	75-25-2	ug/L	3/5/2009	5	n/a	ND	
GU-4BG	u	Carbon disulfide	75-15-0	ug/L	3/5/2009	1	n/a	ND	
GU-4BG	u	Carbon Tetrachloride	56-23-5	ug/L	3/5/2009	2	n/a	ND	
GU-4BG	u	Chlorobenzene	108-90-7	ug/L	3/5/2009	1	n/a	ND	
GU-4BG	u	Chloroethane	75-00-3	ug/L	3/5/2009	4	n/a	ND	
GU-4BG	u	Chloroform	67-66-3	ug/L	3/5/2009	1	n/a	ND	
GU-4BG	u	Chlorodibromomethane	124-48-1	ug/L	3/5/2009	5	n/a	ND	
GU-4BG	u	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	3/5/2009	10	n/a	ND	
GU-4BG	u	1,2-Dibromoethane [EDB]	106-93-4	ug/L	3/5/2009	10	n/a	ND	
GU-4BG	u	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	3/5/2009	10	n/a	ND	
GU-4BG	u	1,1-Dichloroethane	75-34-3	ug/L	3/5/2009	1	n/a	ND	
GU-4BG	u	1,2-Dichloroethane	107-06-2	ug/L	3/5/2009	1	n/a	ND	
GU-4BG	u	1,1-Dichloroethene	75-35-4	ug/L	3/5/2009	2	n/a	ND	
GU-4BG	u	cis-1,2-Dichloroethene	156-59-2	ug/L	3/5/2009	1	n/a	ND	
GU-4BG	u	trans-1,2-Dichloroethene	156-60-5	ug/L	3/5/2009	1	n/a	ND	
GU-4BG	u	1,2-Dichloropropane	78-87-5	ug/L	3/5/2009	1	n/a	ND	
GU-4BG	u	cis-1,3-Dichloropropene	10061-01-5	ug/L	3/5/2009	5	n/a	ND	
GU-4BG	u	trans-1,3-Dichloropropene	10061-02-6	ug/L	3/5/2009	5	n/a	ND	
GU-4BG	u	1,2-Dichlorobenzene	95-50-1	ug/L	3/5/2009	1	n/a	ND	
GU-4BG	u	1,4-Dichlorobenzene	106-46-7	ug/L	3/5/2009	1	n/a	ND	
GU-4BG	u	Ethylbenzene	100-41-4	ug/L	3/5/2009	1	n/a	ND	
GU-4BG	u	2-Hexanone	591-78-6	ug/L	3/5/2009	10	n/a	ND	
GU-4BG	u	Bromomethane	74-83-9	ug/L	3/5/2009	4	n/a	ND	
GU-4BG	u	Chloromethane	74-87-3	ug/L	3/5/2009	3	n/a	ND	
GU-4BG	u	2-Butanone	78-93-3	ug/L	3/5/2009	10	n/a	ND	
GU-4BG	u	Iodomethane	74-88-4	ug/L	3/5/2009	10	n/a	ND	
GU-4BG	u	4-Methyl-2-pentanone	108-10-1	ug/L	3/5/2009	10	n/a	ND	
GU-4BG	u	Methylene Bromide	74-95-3	ug/L	3/5/2009	1	n/a	ND	
GU-4BG	u	Methylene Chloride	75-09-2	ug/L	3/5/2009	5	n/a	ND	
GU-4BG	u	Styrene	100-42-5	ug/L	3/5/2009	1	n/a	ND	
GU-4BG	u	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	3/5/2009	1	n/a	ND	
GU-4BG	u	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	3/5/2009	1	n/a	ND	
GU-4BG	u	Tetrachloroethene	127-18-4	ug/L	3/5/2009	1	n/a	ND	
GU-4BG	u	Toluene	108-88-3	ug/L	3/5/2009	1	n/a	ND	
GU-4BG	u	1,1,1-Trichloroethane	71-55-6	ug/L	3/5/2009	1	n/a	ND	
GU-4BG	u	1,1,2-Trichloroethane	79-00-5	ug/L	3/5/2009	1	n/a	ND	
GU-4BG	u	Trichloroethene	79-01-6	ug/L	3/5/2009	1	n/a	ND	
GU-4BG	u	Trichlorofluoromethane	75-69-4	ug/L	3/5/2009	4	n/a	ND	
GU-4BG	u	1,2,3-Trichloropropane	96-18-4	ug/L	3/5/2009	1	n/a	ND	
GU-4BG	u	Vinyl acetate	108-05-4	ug/L	3/5/2009	2	n/a	ND	
GU-4BG	u	Vinyl chloride	75-01-4	ug/L	3/5/2009	1	n/a	ND	
GU-4BG	u	Xylenes, total	1330-20-7	ug/L	3/5/2009	3	n/a	ND	
MW-AR	d	Antimony	7440-36-0	mg/L	3/5/2009	n/a	n/a		0.00657
MW-AR	d	Arsenic	7440-38-2	mg/L	3/5/2009	n/a	n/a		0.00127
MW-AR	d	Barium	7440-39-3	mg/L	3/5/2009	n/a	n/a		0.0152
MW-AR	d	Beryllium	7440-41-7	mg/L	3/5/2009	0.001	n/a	ND	
MW-AR	d	Cadmium	7440-43-9	mg/L	3/5/2009	0.0005	n/a	ND	
MW-AR	d	Chromium	7440-47-3	mg/L	3/5/2009	0.02	n/a	ND	
MW-AR	d	Cobalt	7440-48-4	mg/L	3/5/2009	0.02	n/a	ND	
MW-AR	d	Copper	7440-50-8	mg/L	3/5/2009	0.02	n/a	ND	
MW-AR	d	Lead	7439-92-1	mg/L	3/5/2009	0.004	n/a	ND	
MW-AR	d	Nickel	7440-02-0	mg/L	3/5/2009	0.05	n/a	ND	

Table 9A
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Phase II MSWLF and CWTS
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Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-AR	d	Selenium	7782-49-2	mg/L	3/5/2009	0.005	n/a	ND	
MW-AR	d	Silver	7440-22-4	mg/L	3/5/2009	0.02	n/a	ND	
MW-AR	d	Thallium	7440-28-0	mg/L	3/5/2009	0.002	n/a	ND	
MW-AR	d	Vanadium	7440-62-2	mg/L	3/5/2009	0.05	n/a	ND	
MW-AR	d	Zinc	7440-66-6	mg/L	3/5/2009	n/a	n/a		0.131
MW-AR	d	Acetone	67-64-1	ug/L	3/5/2009	10	n/a	ND	
MW-AR	d	Acrylonitrile	107-13-1	ug/L	3/5/2009	10	n/a	ND	
MW-AR	d	Benzene	71-43-2	ug/L	3/5/2009	0.5	n/a	ND	
MW-AR	d	Bromochloromethane	74-97-5	ug/L	3/5/2009	5	n/a	ND	
MW-AR	d	Bromodichloromethane	75-27-4	ug/L	3/5/2009	1	n/a	ND	
MW-AR	d	Bromoform	75-25-2	ug/L	3/5/2009	5	n/a	ND	
MW-AR	d	Carbon disulfide	75-15-0	ug/L	3/5/2009	1	n/a	ND	
MW-AR	d	Carbon Tetrachloride	56-23-5	ug/L	3/5/2009	2	n/a	ND	
MW-AR	d	Chlorobenzene	108-90-7	ug/L	3/5/2009	1	n/a	ND	
MW-AR	d	Chloroethane	75-00-3	ug/L	3/5/2009	4	n/a	ND	
MW-AR	d	Chloroform	67-66-3	ug/L	3/5/2009	1	n/a	ND	
MW-AR	d	Chlorodibromomethane	124-48-1	ug/L	3/5/2009	5	n/a	ND	
MW-AR	d	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	3/5/2009	10	n/a	ND	
MW-AR	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	3/5/2009	10	n/a	ND	
MW-AR	d	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	3/5/2009	10	n/a	ND	
MW-AR	d	1,1-Dichloroethane	75-34-3	ug/L	3/5/2009	1	n/a	ND	
MW-AR	d	1,2-Dichloroethane	107-06-2	ug/L	3/5/2009	1	n/a	ND	
MW-AR	d	1,1-Dichloroethene	75-35-4	ug/L	3/5/2009	2	n/a	ND	
MW-AR	d	cis-1,2-Dichloroethene	156-59-2	ug/L	3/5/2009	1	n/a	ND	
MW-AR	d	trans-1,2-Dichloroethene	156-60-5	ug/L	3/5/2009	1	n/a	ND	
MW-AR	d	1,2-Dichloropropane	78-87-5	ug/L	3/5/2009	1	n/a	ND	
MW-AR	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	3/5/2009	5	n/a	ND	
MW-AR	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	3/5/2009	5	n/a	ND	
MW-AR	d	1,2-Dichlorobenzene	95-50-1	ug/L	3/5/2009	1	n/a	ND	
MW-AR	d	1,4-Dichlorobenzene	106-46-7	ug/L	3/5/2009	1	n/a	ND	
MW-AR	d	Ethylbenzene	100-41-4	ug/L	3/5/2009	1	n/a	ND	
MW-AR	d	2-Hexanone	591-78-6	ug/L	3/5/2009	10	n/a	ND	
MW-AR	d	Bromomethane	74-83-9	ug/L	3/5/2009	4	n/a	ND	
MW-AR	d	Chloromethane	74-87-3	ug/L	3/5/2009	3	n/a	ND	
MW-AR	d	2-Butanone	78-93-3	ug/L	3/5/2009	10	n/a	ND	
MW-AR	d	Iodomethane	74-88-4	ug/L	3/5/2009	10	n/a	ND	
MW-AR	d	4-Methyl-2-pentanone	108-10-1	ug/L	3/5/2009	10	n/a	ND	
MW-AR	d	Methylene Bromide	74-95-3	ug/L	3/5/2009	1	n/a	ND	
MW-AR	d	Methylene Chloride	75-09-2	ug/L	3/5/2009	5	n/a	ND	
MW-AR	d	Styrene	100-42-5	ug/L	3/5/2009	1	n/a	ND	
MW-AR	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	3/5/2009	1	n/a	ND	
MW-AR	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	3/5/2009	1	n/a	ND	
MW-AR	d	Tetrachloroethene	127-18-4	ug/L	3/5/2009	1	n/a	ND	
MW-AR	d	Toluene	108-88-3	ug/L	3/5/2009	1	n/a	ND	
MW-AR	d	1,1,1-Trichloroethane	71-55-6	ug/L	3/5/2009	1	n/a	ND	
MW-AR	d	1,1,2-Trichloroethane	79-00-5	ug/L	3/5/2009	1	n/a	ND	
MW-AR	d	Trichloroethene	79-01-6	ug/L	3/5/2009	1	n/a	ND	
MW-AR	d	Trichlorofluoromethane	75-69-4	ug/L	3/5/2009	4	n/a	ND	
MW-AR	d	1,2,3-Trichloropropane	96-18-4	ug/L	3/5/2009	1	n/a	ND	
MW-AR	d	Vinyl acetate	108-05-4	ug/L	3/5/2009	2	n/a	ND	
MW-AR	d	Vinyl chloride	75-01-4	ug/L	3/5/2009	1	n/a	ND	
MW-AR	d	Xylenes, total	1330-20-7	ug/L	3/5/2009	3	n/a	ND	
MW-B	d	Antimony	7440-36-0	mg/L	3/5/2009	0.006	n/a	ND	
MW-B	d	Arsenic	7440-38-2	mg/L	3/5/2009	n/a	n/a		0.00547
MW-B	d	Barium	7440-39-3	mg/L	3/5/2009	n/a	n/a		0.0784
MW-B	d	Beryllium	7440-41-7	mg/L	3/5/2009	n/a	n/a		0.00284
MW-B	d	Cadmium	7440-43-9	mg/L	3/5/2009	n/a	n/a		0.00246
MW-B	d	Chromium	7440-47-3	mg/L	3/5/2009	0.02	n/a	ND	
MW-B	d	Cobalt	7440-48-4	mg/L	3/5/2009	0.02	n/a	ND	
MW-B	d	Copper	7440-50-8	mg/L	3/5/2009	n/a	n/a		0.0374
MW-B	d	Lead	7439-92-1	mg/L	3/5/2009	n/a	n/a		0.0283
MW-B	d	Nickel	7440-02-0	mg/L	3/5/2009	0.05	n/a	ND	
MW-B	d	Selenium	7782-49-2	mg/L	3/5/2009	0.005	n/a	ND	
MW-B	d	Silver	7440-22-4	mg/L	3/5/2009	0.02	n/a	ND	
MW-B	d	Thallium	7440-28-0	mg/L	3/5/2009	0.002	n/a	ND	
MW-B	d	Vanadium	7440-62-2	mg/L	3/5/2009	0.05	n/a	ND	
MW-B	d	Zinc	7440-66-6	mg/L	3/5/2009	n/a	n/a		0.166
MW-B	d	Acetone	67-64-1	ug/L	3/5/2009	10	n/a	ND	
MW-B	d	Acrylonitrile	107-13-1	ug/L	3/5/2009	10	n/a	ND	
MW-B	d	Benzene	71-43-2	ug/L	3/5/2009	0.5	n/a	ND	
MW-B	d	Bromochloromethane	74-97-5	ug/L	3/5/2009	5	n/a	ND	
MW-B	d	Bromodichloromethane	75-27-4	ug/L	3/5/2009	1	n/a	ND	
MW-B	d	Bromoform	75-25-2	ug/L	3/5/2009	5	n/a	ND	
MW-B	d	Carbon disulfide	75-15-0	ug/L	3/5/2009	1	n/a	ND	
MW-B	d	Carbon Tetrachloride	56-23-5	ug/L	3/5/2009	2	n/a	ND	

Table 9A
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Phase II MSWLF and CWTS
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Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-B	d	Chlorobenzene	108-90-7	ug/L	3/5/2009	1	n/a	ND	
MW-B	d	Chloroethane	75-00-3	ug/L	3/5/2009	4	n/a	ND	
MW-B	d	Chloroform	67-66-3	ug/L	3/5/2009	1	n/a	ND	
MW-B	d	Chlorodibromomethane	124-48-1	ug/L	3/5/2009	5	n/a	ND	
MW-B	d	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	3/5/2009	10	n/a	ND	
MW-B	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	3/5/2009	10	n/a	ND	
MW-B	d	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	3/5/2009	10	n/a	ND	
MW-B	d	1,1-Dichloroethane	75-34-3	ug/L	3/5/2009	1	n/a	ND	
MW-B	d	1,2-Dichloroethane	107-06-2	ug/L	3/5/2009	1	n/a	ND	
MW-B	d	1,1-Dichloroethene	75-35-4	ug/L	3/5/2009	2	n/a	ND	
MW-B	d	cis-1,2-Dichloroethene	156-59-2	ug/L	3/5/2009	1	n/a	ND	
MW-B	d	trans-1,2-Dichloroethene	156-60-5	ug/L	3/5/2009	1	n/a	ND	
MW-B	d	1,2-Dichloropropane	78-87-5	ug/L	3/5/2009	1	n/a	ND	
MW-B	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	3/5/2009	5	n/a	ND	
MW-B	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	3/5/2009	5	n/a	ND	
MW-B	d	1,2-Dichlorobenzene	95-50-1	ug/L	3/5/2009	1	n/a	ND	
MW-B	d	1,4-Dichlorobenzene	106-46-7	ug/L	3/5/2009	1	n/a	ND	
MW-B	d	Ethylbenzene	100-41-4	ug/L	3/5/2009	1	n/a	ND	
MW-B	d	2-Hexanone	591-78-6	ug/L	3/5/2009	10	n/a	ND	
MW-B	d	Bromomethane	74-83-9	ug/L	3/5/2009	4	n/a	ND	
MW-B	d	Chloromethane	74-87-3	ug/L	3/5/2009	3	n/a	ND	
MW-B	d	2-Butanone	78-93-3	ug/L	3/5/2009	10	n/a	ND	
MW-B	d	Iodomethane	74-88-4	ug/L	3/5/2009	10	n/a	ND	
MW-B	d	4-Methyl-2-pentanone	108-10-1	ug/L	3/5/2009	10	n/a	ND	
MW-B	d	Methylene Bromide	74-95-3	ug/L	3/5/2009	1	n/a	ND	
MW-B	d	Methylene Chloride	75-09-2	ug/L	3/5/2009	5	n/a	ND	
MW-B	d	Styrene	100-42-5	ug/L	3/5/2009	1	n/a	ND	
MW-B	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	3/5/2009	1	n/a	ND	
MW-B	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	3/5/2009	1	n/a	ND	
MW-B	d	Tetrachloroethene	127-18-4	ug/L	3/5/2009	1	n/a	ND	
MW-B	d	Toluene	108-88-3	ug/L	3/5/2009	1	n/a	ND	
MW-B	d	1,1,1-Trichloroethane	71-55-6	ug/L	3/5/2009	1	n/a	ND	
MW-B	d	1,1,2-Trichloroethane	79-00-5	ug/L	3/5/2009	1	n/a	ND	
MW-B	d	Trichloroethene	79-01-6	ug/L	3/5/2009	1	n/a	ND	
MW-B	d	Trichlorofluoromethane	75-69-4	ug/L	3/5/2009	4	n/a	ND	
MW-B	d	1,2,3-Trichloropropane	96-18-4	ug/L	3/5/2009	1	n/a	ND	
MW-B	d	Vinyl acetate	108-05-4	ug/L	3/5/2009	2	n/a	ND	
MW-B	d	Vinyl chloride	75-01-4	ug/L	3/5/2009	1	n/a	ND	
MW-B	d	Xylenes, total	1330-20-7	ug/L	3/5/2009	3	n/a	ND	
MW-B	d	Antimony	7440-36-0	mg/L	6/8/2009	0.006	n/a	ND	
MW-B	d	Arsenic	7440-38-2	mg/L	6/8/2009	n/a	n/a		0.00111
MW-B	d	Barium	7440-39-3	mg/L	6/8/2009	n/a	n/a		0.0536
MW-B	d	Beryllium	7440-41-7	mg/L	6/8/2009	0.001	n/a	ND	
MW-B	d	Cadmium	7440-43-9	mg/L	6/8/2009	n/a	n/a		0.000804
MW-B	d	Chromium	7440-47-3	mg/L	6/8/2009	0.02	n/a	ND	
MW-B	d	Cobalt	7440-48-4	mg/L	6/8/2009	0.02	n/a	ND	
MW-B	d	Copper	7440-50-8	mg/L	6/8/2009	0.02	n/a	ND	
MW-B	d	Lead	7439-92-1	mg/L	6/8/2009	0.004	n/a	ND	
MW-B	d	Nickel	7440-02-0	mg/L	6/8/2009	0.05	n/a	ND	
MW-B	d	Selenium	7782-49-2	mg/L	6/8/2009	0.005	n/a	ND	
MW-B	d	Silver	7440-22-4	mg/L	6/8/2009	0.02	n/a	ND	
MW-B	d	Thallium	7440-28-0	mg/L	6/8/2009	0.002	n/a	ND	
MW-B	d	Vanadium	7440-62-2	mg/L	6/8/2009	0.05	n/a	ND	
MW-B	d	Zinc	7440-66-6	mg/L	6/8/2009	n/a	n/a		0.0898
MW-B	d	Acetone	67-64-1	ug/L	6/8/2009	10	n/a	ND	
MW-B	d	Acrylonitrile	107-13-1	ug/L	6/8/2009	10	n/a	ND	
MW-B	d	Benzene	71-43-2	ug/L	6/8/2009	0.5	n/a	ND	
MW-B	d	Bromochloromethane	74-97-5	ug/L	6/8/2009	5	n/a	ND	
MW-B	d	Bromodichloromethane	75-27-4	ug/L	6/8/2009	1	n/a	ND	
MW-B	d	Bromoform	75-25-2	ug/L	6/8/2009	5	n/a	ND	
MW-B	d	Carbon disulfide	75-15-0	ug/L	6/8/2009	1	n/a	ND	
MW-B	d	Carbon Tetrachloride	56-23-5	ug/L	6/8/2009	2	n/a	ND	
MW-B	d	Chlorobenzene	108-90-7	ug/L	6/8/2009	1	n/a	ND	
MW-B	d	Chloroethane	75-00-3	ug/L	6/8/2009	4	n/a	ND	
MW-B	d	Chloroform	67-66-3	ug/L	6/8/2009	1	n/a	ND	
MW-B	d	Chlorodibromomethane	124-48-1	ug/L	6/8/2009	5	n/a	ND	
MW-B	d	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	6/8/2009	0.86	n/a	ND	
MW-B	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	6/8/2009	0.25	n/a	ND	
MW-B	d	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	6/8/2009	10	n/a	ND	
MW-B	d	1,1-Dichloroethane	75-34-3	ug/L	6/8/2009	1	n/a	ND	
MW-B	d	1,2-Dichloroethane	107-06-2	ug/L	6/8/2009	1	n/a	ND	
MW-B	d	1,1-Dichloroethene	75-35-4	ug/L	6/8/2009	2	n/a	ND	
MW-B	d	cis-1,2-Dichloroethene	156-59-2	ug/L	6/8/2009	1	n/a	ND	
MW-B	d	trans-1,2-Dichloroethene	156-60-5	ug/L	6/8/2009	1	n/a	ND	
MW-B	d	1,2-Dichloropropane	78-87-5	ug/L	6/8/2009	1	n/a	ND	

Table 9A
Analytical Data Summary - Phase II MSWLF
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Phase II MSWLF and CWTS
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Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-B	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	6/8/2009	5	n/a	ND	
MW-B	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	6/8/2009	5	n/a	ND	
MW-B	d	1,2-Dichlorobenzene	95-50-1	ug/L	6/8/2009	1	n/a	ND	
MW-B	d	1,4-Dichlorobenzene	106-46-7	ug/L	6/8/2009	1	n/a	ND	
MW-B	d	Ethylbenzene	100-41-4	ug/L	6/8/2009	1	n/a	ND	
MW-B	d	2-Hexanone	591-78-6	ug/L	6/8/2009	10	n/a	ND	
MW-B	d	Bromomethane	74-83-9	ug/L	6/8/2009	4	n/a	ND	
MW-B	d	Chloromethane	74-87-3	ug/L	6/8/2009	3	n/a	ND	
MW-B	d	2-Butanone	78-93-3	ug/L	6/8/2009	10	n/a	ND	
MW-B	d	Iodomethane	74-88-4	ug/L	6/8/2009	50	n/a	ND	
MW-B	d	4-Methyl-2-pentanone	108-10-1	ug/L	6/8/2009	10	n/a	ND	
MW-B	d	Methylene Bromide	74-95-3	ug/L	6/8/2009	1	n/a	ND	
MW-B	d	Methylene Chloride	75-09-2	ug/L	6/8/2009	5	n/a	ND	
MW-B	d	Styrene	100-42-5	ug/L	6/8/2009	1	n/a	ND	
MW-B	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	6/8/2009	1	n/a	ND	
MW-B	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	6/8/2009	1	n/a	ND	
MW-B	d	Tetrachloroethene	127-18-4	ug/L	6/8/2009	1	n/a	ND	
MW-B	d	Toluene	108-88-3	ug/L	6/8/2009	1	n/a	ND	
MW-B	d	1,1,1-Trichloroethane	71-55-6	ug/L	6/8/2009	1	n/a	ND	
MW-B	d	1,1,2-Trichloroethane	79-00-5	ug/L	6/8/2009	1	n/a	ND	
MW-B	d	Trichloroethene	79-01-6	ug/L	6/8/2009	1	n/a	ND	
MW-B	d	Trichlorofluoromethane	75-69-4	ug/L	6/8/2009	4	n/a	ND	
MW-B	d	1,2,3-Trichloropropane	96-18-4	ug/L	6/8/2009	1	n/a	ND	
MW-B	d	Vinyl acetate	108-05-4	ug/L	6/8/2009	2	n/a	ND	
MW-B	d	Vinyl chloride	75-01-4	ug/L	6/8/2009	1	n/a	ND	
MW-B	d	Xylenes, total	1330-20-7	ug/L	6/8/2009	3	n/a	ND	
MW-B	d	Antimony	7440-36-0	mg/L	7/16/2009	0.006	n/a	ND	
MW-B	d	Arsenic	7440-38-2	mg/L	7/16/2009	n/a	n/a		0.00202
MW-B	d	Barium	7440-39-3	mg/L	7/16/2009	n/a	n/a		0.0633
MW-B	d	Beryllium	7440-41-7	mg/L	7/16/2009	n/a	n/a		0.00144
MW-B	d	Cadmium	7440-43-9	mg/L	7/16/2009	n/a	n/a		0.00132
MW-B	d	Chromium	7440-47-3	mg/L	7/16/2009	0.02	n/a	ND	
MW-B	d	Cobalt	7440-48-4	mg/L	7/16/2009	0.02	n/a	ND	
MW-B	d	Copper	7440-50-8	mg/L	7/16/2009	n/a	n/a		0.0263
MW-B	d	Lead	7439-92-1	mg/L	7/16/2009	n/a	n/a		0.0193
MW-B	d	Nickel	7440-02-0	mg/L	7/16/2009	0.05	n/a	ND	
MW-B	d	Selenium	7782-49-2	mg/L	7/16/2009	0.005	n/a	ND	
MW-B	d	Silver	7440-22-4	mg/L	7/16/2009	0.02	n/a	ND	
MW-B	d	Thallium	7440-28-0	mg/L	7/16/2009	0.002	n/a	ND	
MW-B	d	Vanadium	7440-62-2	mg/L	7/16/2009	0.05	n/a	ND	
MW-B	d	Zinc	7440-66-6	mg/L	7/16/2009	n/a	n/a		0.141
MW-B	d	Acetone	67-64-1	ug/L	7/16/2009	10	n/a	ND	
MW-B	d	Acrylonitrile	107-13-1	ug/L	7/16/2009	10	n/a	ND	
MW-B	d	Benzene	71-43-2	ug/L	7/16/2009	0.5	n/a	ND	
MW-B	d	Bromochloromethane	74-97-5	ug/L	7/16/2009	5	n/a	ND	
MW-B	d	Bromodichloromethane	75-27-4	ug/L	7/16/2009	1	n/a	ND	
MW-B	d	Bromoform	75-25-2	ug/L	7/16/2009	5	n/a	ND	
MW-B	d	Carbon disulfide	75-15-0	ug/L	7/16/2009	1	n/a	ND	
MW-B	d	Carbon Tetrachloride	56-23-5	ug/L	7/16/2009	2	n/a	ND	
MW-B	d	Chlorobenzene	108-90-7	ug/L	7/16/2009	1	n/a	ND	
MW-B	d	Chloroethane	75-00-3	ug/L	7/16/2009	4	n/a	ND	
MW-B	d	Chloroform	67-66-3	ug/L	7/16/2009	1	n/a	ND	
MW-B	d	Chlorodibromomethane	124-48-1	ug/L	7/16/2009	5	n/a	ND	
MW-B	d	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	7/16/2009	0.86	n/a	ND	
MW-B	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	7/16/2009	0.25	n/a	ND	
MW-B	d	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	7/16/2009	10	n/a	ND	
MW-B	d	1,1-Dichloroethane	75-34-3	ug/L	7/16/2009	1	n/a	ND	
MW-B	d	1,2-Dichloroethane	107-06-2	ug/L	7/16/2009	1	n/a	ND	
MW-B	d	1,1-Dichloroethene	75-35-4	ug/L	7/16/2009	2	n/a	ND	
MW-B	d	cis-1,2-Dichloroethene	156-59-2	ug/L	7/16/2009	1	n/a	ND	
MW-B	d	trans-1,2-Dichloroethene	156-60-5	ug/L	7/16/2009	1	n/a	ND	
MW-B	d	1,2-Dichloropropane	78-87-5	ug/L	7/16/2009	1	n/a	ND	
MW-B	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	7/16/2009	5	n/a	ND	
MW-B	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	7/16/2009	5	n/a	ND	
MW-B	d	1,2-Dichlorobenzene	95-50-1	ug/L	7/16/2009	1	n/a	ND	
MW-B	d	1,4-Dichlorobenzene	106-46-7	ug/L	7/16/2009	1	n/a	ND	
MW-B	d	Ethylbenzene	100-41-4	ug/L	7/16/2009	1	n/a	ND	
MW-B	d	2-Hexanone	591-78-6	ug/L	7/16/2009	10	n/a	ND	
MW-B	d	Bromomethane	74-83-9	ug/L	7/16/2009	4	n/a	ND	
MW-B	d	Chloromethane	74-87-3	ug/L	7/16/2009	3	n/a	ND	
MW-B	d	2-Butanone	78-93-3	ug/L	7/16/2009	10	n/a	ND	
MW-B	d	Iodomethane	74-88-4	ug/L	7/16/2009	10	n/a	ND	
MW-B	d	4-Methyl-2-pentanone	108-10-1	ug/L	7/16/2009	10	n/a	ND	
MW-B	d	Methylene Bromide	74-95-3	ug/L	7/16/2009	1	n/a	ND	
MW-B	d	Methylene Chloride	75-09-2	ug/L	7/16/2009	5	n/a	ND	

Table 9A
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Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-B	d	Styrene	100-42-5	ug/L	7/16/2009	1	n/a	ND	
MW-B	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	7/16/2009	1	n/a	ND	
MW-B	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	7/16/2009	1	n/a	ND	
MW-B	d	Tetrachloroethene	127-18-4	ug/L	7/16/2009	1	n/a	ND	
MW-B	d	Toluene	108-88-3	ug/L	7/16/2009	1	n/a	ND	
MW-B	d	1,1,1-Trichloroethane	71-55-6	ug/L	7/16/2009	1	n/a	ND	
MW-B	d	1,1,2-Trichloroethane	79-00-5	ug/L	7/16/2009	1	n/a	ND	
MW-B	d	Trichloroethene	79-01-6	ug/L	7/16/2009	1	n/a	ND	
MW-B	d	Trichlorofluoromethane	75-69-4	ug/L	7/16/2009	4	n/a	ND	
MW-B	d	1,2,3-Trichloropropane	96-18-4	ug/L	7/16/2009	1	n/a	ND	
MW-B	d	Vinyl acetate	108-05-4	ug/L	7/16/2009	2	n/a	ND	
MW-B	d	Vinyl chloride	75-01-4	ug/L	7/16/2009	1	n/a	ND	
MW-B	d	Xylenes, total	1330-20-7	ug/L	7/16/2009	3	n/a	ND	
GU-3	d	Antimony	7440-36-0	mg/L	8/11/2009	0.006	n/a	ND	
GU-3	d	Arsenic	7440-38-2	mg/L	8/11/2009	0.003	n/a	ND	
GU-3	d	Barium	7440-39-3	mg/L	8/11/2009	n/a	n/a	ND	0.175
GU-3	d	Beryllium	7440-41-7	mg/L	8/11/2009	0.001	n/a	ND	
GU-3	d	Cadmium	7440-43-9	mg/L	8/11/2009	0.0005	n/a	ND	
GU-3	d	Chromium	7440-47-3	mg/L	8/11/2009	0.02	n/a	ND	
GU-3	d	Cobalt	7440-48-4	mg/L	8/11/2009	0.02	n/a	ND	
GU-3	d	Copper	7440-50-8	mg/L	8/11/2009	0.02	n/a	ND	
GU-3	d	Lead	7439-92-1	mg/L	8/11/2009	0.004	n/a	ND	
GU-3	d	Nickel	7440-02-0	mg/L	8/11/2009	0.05	n/a	ND	
GU-3	d	Selenium	7782-49-2	mg/L	8/11/2009	0.005	n/a	ND	
GU-3	d	Silver	7440-22-4	mg/L	8/11/2009	0.02	n/a	ND	
GU-3	d	Thallium	7440-28-0	mg/L	8/11/2009	0.002	n/a	ND	
GU-3	d	Vanadium	7440-62-2	mg/L	8/11/2009	0.05	n/a	ND	
GU-3	d	Zinc	7440-66-6	mg/L	8/11/2009	n/a	n/a	ND	0.0648
GU-3	d	Acetone	67-64-1	ug/L	8/11/2009	10	n/a	ND	
GU-3	d	Acrylonitrile	107-13-1	ug/L	8/11/2009	10	n/a	ND	
GU-3	d	Benzene	71-43-2	ug/L	8/11/2009	0.5	n/a	ND	
GU-3	d	Bromochloromethane	74-97-5	ug/L	8/11/2009	5	n/a	ND	
GU-3	d	Bromodichloromethane	75-27-4	ug/L	8/11/2009	1	n/a	ND	
GU-3	d	Carbon disulfide	75-15-0	ug/L	8/11/2009	1	n/a	ND	
GU-3	d	Carbon Tetrachloride	56-23-5	ug/L	8/11/2009	2	n/a	ND	
GU-3	d	Chlorobenzene	108-90-7	ug/L	8/11/2009	1	n/a	ND	
GU-3	d	Chloroethane	75-00-3	ug/L	8/11/2009	4	n/a	ND	
GU-3	d	Chloroform	67-66-3	ug/L	8/11/2009	1	n/a	ND	
GU-3	d	Chlorodibromomethane	124-48-1	ug/L	8/11/2009	5	n/a	ND	
GU-3	d	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	8/11/2009	0.498	n/a	ND	
GU-3	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	8/11/2009	0.255	n/a	ND	
GU-3	d	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	8/11/2009	10	n/a	ND	
GU-3	d	1,1-Dichloroethane	75-34-3	ug/L	8/11/2009	1	n/a	ND	
GU-3	d	1,2-Dichloroethane	107-06-2	ug/L	8/11/2009	1	n/a	ND	
GU-3	d	1,1-Dichloroethene	75-35-4	ug/L	8/11/2009	2	n/a	ND	
GU-3	d	cis-1,2-Dichloroethene	156-59-2	ug/L	8/11/2009	1	n/a	ND	
GU-3	d	trans-1,2-Dichloroethene	156-60-5	ug/L	8/11/2009	1	n/a	ND	
GU-3	d	1,2-Dichloropropane	78-87-5	ug/L	8/11/2009	1	n/a	ND	
GU-3	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	8/11/2009	5	n/a	ND	
GU-3	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	8/11/2009	5	n/a	ND	
GU-3	d	1,2-Dichlorobenzene	95-50-1	ug/L	8/11/2009	1	n/a	ND	
GU-3	d	1,4-Dichlorobenzene	106-46-7	ug/L	8/11/2009	1	n/a	ND	
GU-3	d	Ethylbenzene	100-41-4	ug/L	8/11/2009	1	n/a	ND	
GU-3	d	2-Hexanone	591-78-6	ug/L	8/11/2009	10	n/a	ND	
GU-3	d	Bromomethane	74-83-9	ug/L	8/11/2009	4	n/a	ND	
GU-3	d	Chloromethane	74-87-3	ug/L	8/11/2009	3	n/a	ND	
GU-3	d	2-Butanone	78-93-3	ug/L	8/11/2009	10	n/a	ND	
GU-3	d	Iodomethane	74-88-4	ug/L	8/11/2009	10	n/a	ND	
GU-3	d	4-Methyl-2-pentanone	108-10-1	ug/L	8/11/2009	10	n/a	ND	
GU-3	d	Methylene Bromide	74-95-3	ug/L	8/11/2009	1	n/a	ND	
GU-3	d	Methylene Chloride	75-09-2	ug/L	8/11/2009	5	n/a	ND	
GU-3	d	Styrene	100-42-5	ug/L	8/11/2009	1	n/a	ND	
GU-3	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	8/11/2009	1	n/a	ND	
GU-3	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	8/11/2009	1	n/a	ND	
GU-3	d	Tetrachloroethene	127-18-4	ug/L	8/11/2009	1	n/a	ND	
GU-3	d	Toluene	108-88-3	ug/L	8/11/2009	1	n/a	ND	
GU-3	d	1,1,1-Trichloroethane	71-55-6	ug/L	8/11/2009	1	n/a	ND	
GU-3	d	1,1,2-Trichloroethane	79-00-5	ug/L	8/11/2009	1	n/a	ND	
GU-3	d	Trichloroethene	79-01-6	ug/L	8/11/2009	1	n/a	ND	
GU-3	d	Trichlorofluoromethane	75-69-4	ug/L	8/11/2009	4	n/a	ND	
GU-3	d	1,2,3-Trichloropropane	96-18-4	ug/L	8/11/2009	1	n/a	ND	
GU-3	d	Vinyl acetate	108-05-4	ug/L	8/11/2009	2	n/a	ND	
GU-3	d	Vinyl chloride	75-01-4	ug/L	8/11/2009	1	n/a	ND	
GU-3	d	Xylenes, total	1330-20-7	ug/L	8/11/2009	3	n/a	ND	
GU-3BG	u	Antimony	7440-36-0	mg/L	8/11/2009	0.006	n/a	ND	

Table 9A
Analytical Data Summary - Phase II MSWLF
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Phase II MSWLF and CWTS
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Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
GU-3BG	u	Arsenic	7440-38-2	mg/L	8/11/2009	0.003	n/a	ND	
GU-3BG	u	Barium	7440-39-3	mg/L	8/11/2009	n/a	n/a		0.175
GU-3BG	u	Beryllium	7440-41-7	mg/L	8/11/2009	0.001	n/a	ND	
GU-3BG	u	Cadmium	7440-43-9	mg/L	8/11/2009	0.0005	n/a	ND	
GU-3BG	u	Chromium	7440-47-3	mg/L	8/11/2009	0.02	n/a	ND	
GU-3BG	u	Cobalt	7440-48-4	mg/L	8/11/2009	0.02	n/a	ND	
GU-3BG	u	Copper	7440-50-8	mg/L	8/11/2009	0.02	n/a	ND	
GU-3BG	u	Lead	7439-92-1	mg/L	8/11/2009	0.004	n/a	ND	
GU-3BG	u	Nickel	7440-02-0	mg/L	8/11/2009	0.05	n/a	ND	
GU-3BG	u	Selenium	7782-49-2	mg/L	8/11/2009	0.005	n/a	ND	
GU-3BG	u	Silver	7440-22-4	mg/L	8/11/2009	0.02	n/a	ND	
GU-3BG	u	Thallium	7440-28-0	mg/L	8/11/2009	0.002	n/a	ND	
GU-3BG	u	Vanadium	7440-62-2	mg/L	8/11/2009	0.05	n/a	ND	
GU-3BG	u	Zinc	7440-66-6	mg/L	8/11/2009	n/a	n/a		0.0648
GU-3BG	u	Acetone	67-64-1	ug/L	8/11/2009	10	n/a	ND	
GU-3BG	u	Acrylonitrile	107-13-1	ug/L	8/11/2009	10	n/a	ND	
GU-3BG	u	Benzene	71-43-2	ug/L	8/11/2009	0.5	n/a	ND	
GU-3BG	u	Bromochloromethane	74-97-5	ug/L	8/11/2009	5	n/a	ND	
GU-3BG	u	Bromodichloromethane	75-27-4	ug/L	8/11/2009	1	n/a	ND	
GU-3BG	u	Carbon disulfide	75-15-0	ug/L	8/11/2009	1	n/a	ND	
GU-3BG	u	Carbon Tetrachloride	56-23-5	ug/L	8/11/2009	2	n/a	ND	
GU-3BG	u	Chlorobenzene	108-90-7	ug/L	8/11/2009	1	n/a	ND	
GU-3BG	u	Chloroethane	75-00-3	ug/L	8/11/2009	4	n/a	ND	
GU-3BG	u	Chloroform	67-66-3	ug/L	8/11/2009	1	n/a	ND	
GU-3BG	u	Chlorodibromomethane	124-48-1	ug/L	8/11/2009	5	n/a	ND	
GU-3BG	u	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	8/11/2009	0.498	n/a	ND	
GU-3BG	u	1,2-Dibromoethane [EDB]	106-93-4	ug/L	8/11/2009	0.255	n/a	ND	
GU-3BG	u	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	8/11/2009	10	n/a	ND	
GU-3BG	u	1,1-Dichloroethane	75-34-3	ug/L	8/11/2009	1	n/a	ND	
GU-3BG	u	1,2-Dichloroethane	107-06-2	ug/L	8/11/2009	1	n/a	ND	
GU-3BG	u	1,1-Dichloroethene	75-35-4	ug/L	8/11/2009	2	n/a	ND	
GU-3BG	u	cis-1,2-Dichloroethene	156-59-2	ug/L	8/11/2009	1	n/a	ND	
GU-3BG	u	trans-1,2-Dichloroethene	156-60-5	ug/L	8/11/2009	1	n/a	ND	
GU-3BG	u	1,2-Dichloropropane	78-87-5	ug/L	8/11/2009	1	n/a	ND	
GU-3BG	u	cis-1,3-Dichloropropene	10061-01-5	ug/L	8/11/2009	5	n/a	ND	
GU-3BG	u	trans-1,3-Dichloropropene	10061-02-6	ug/L	8/11/2009	5	n/a	ND	
GU-3BG	u	1,2-Dichlorobenzene	95-50-1	ug/L	8/11/2009	1	n/a	ND	
GU-3BG	u	1,4-Dichlorobenzene	106-46-7	ug/L	8/11/2009	1	n/a	ND	
GU-3BG	u	Ethylbenzene	100-41-4	ug/L	8/11/2009	1	n/a	ND	
GU-3BG	u	2-Hexanone	591-78-6	ug/L	8/11/2009	10	n/a	ND	
GU-3BG	u	Bromomethane	74-83-9	ug/L	8/11/2009	4	n/a	ND	
GU-3BG	u	Chloromethane	74-87-3	ug/L	8/11/2009	3	n/a	ND	
GU-3BG	u	2-Butanone	78-93-3	ug/L	8/11/2009	10	n/a	ND	
GU-3BG	u	Iodomethane	74-88-4	ug/L	8/11/2009	10	n/a	ND	
GU-3BG	u	4-Methyl-2-pentanone	108-10-1	ug/L	8/11/2009	10	n/a	ND	
GU-3BG	u	Methylene Bromide	74-95-3	ug/L	8/11/2009	1	n/a	ND	
GU-3BG	u	Methylene Chloride	75-09-2	ug/L	8/11/2009	5	n/a	ND	
GU-3BG	u	Styrene	100-42-5	ug/L	8/11/2009	1	n/a	ND	
GU-3BG	u	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	8/11/2009	1	n/a	ND	
GU-3BG	u	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	8/11/2009	1	n/a	ND	
GU-3BG	u	Tetrachloroethene	127-18-4	ug/L	8/11/2009	1	n/a	ND	
GU-3BG	u	Toluene	108-88-3	ug/L	8/11/2009	1	n/a	ND	
GU-3BG	u	1,1,1-Trichloroethane	71-55-6	ug/L	8/11/2009	1	n/a	ND	
GU-3BG	u	1,1,2-Trichloroethane	79-00-5	ug/L	8/11/2009	1	n/a	ND	
GU-3BG	u	Trichloroethene	79-01-6	ug/L	8/11/2009	1	n/a	ND	
GU-3BG	u	Trichlorofluoromethane	75-69-4	ug/L	8/11/2009	4	n/a	ND	
GU-3BG	u	1,2,3-Trichloropropane	96-18-4	ug/L	8/11/2009	1	n/a	ND	
GU-3BG	u	Vinyl acetate	108-05-4	ug/L	8/11/2009	2	n/a	ND	
GU-3BG	u	Vinyl chloride	75-01-4	ug/L	8/11/2009	1	n/a	ND	
GU-3BG	u	Xylenes, total	1330-20-7	ug/L	8/11/2009	3	n/a	ND	
GU-4	d	Antimony	7440-36-0	mg/L	8/11/2009	0.006	n/a	ND	
GU-4	d	Arsenic	7440-38-2	mg/L	8/11/2009	0.01	n/a	ND	
GU-4	d	Barium	7440-39-3	mg/L	8/11/2009	n/a	n/a		0.0354
GU-4	d	Beryllium	7440-41-7	mg/L	8/11/2009	0.001	n/a	ND	
GU-4	d	Cadmium	7440-43-9	mg/L	8/11/2009	0.0005	n/a	ND	
GU-4	d	Chromium	7440-47-3	mg/L	8/11/2009	0.02	n/a	ND	
GU-4	d	Cobalt	7440-48-4	mg/L	8/11/2009	0.02	n/a	ND	
GU-4	d	Copper	7440-50-8	mg/L	8/11/2009	0.02	n/a	ND	
GU-4	d	Lead	7439-92-1	mg/L	8/11/2009	0.004	n/a	ND	
GU-4	d	Nickel	7440-02-0	mg/L	8/11/2009	0.05	n/a	ND	
GU-4	d	Selenium	7782-49-2	mg/L	8/11/2009	0.005	n/a	ND	
GU-4	d	Silver	7440-22-4	mg/L	8/11/2009	0.02	n/a	ND	
GU-4	d	Thallium	7440-28-0	mg/L	8/11/2009	0.002	n/a	ND	
GU-4	d	Vanadium	7440-62-2	mg/L	8/11/2009	0.05	n/a	ND	
GU-4	d	Zinc	7440-66-6	mg/L	8/11/2009	n/a	n/a		0.21

Table 9A
Analytical Data Summary - Phase II MSWLF
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Phase II MSWLF and CWTS
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
GU-4	d	Acetone	67-64-1	ug/L	8/11/2009	10	n/a	ND	
GU-4	d	Acrylonitrile	107-13-1	ug/L	8/11/2009	10	n/a	ND	
GU-4	d	Benzene	71-43-2	ug/L	8/11/2009	0.5	n/a	ND	
GU-4	d	Bromochloromethane	74-97-5	ug/L	8/11/2009	5	n/a	ND	
GU-4	d	Bromodichloromethane	75-27-4	ug/L	8/11/2009	1	n/a	ND	
GU-4	d	Bromoform	75-25-2	ug/L	8/11/2009	5	n/a	ND	
GU-4	d	Carbon disulfide	75-15-0	ug/L	8/11/2009	1	n/a	ND	
GU-4	d	Carbon Tetrachloride	56-23-5	ug/L	8/11/2009	2	n/a	ND	
GU-4	d	Chlorobenzene	108-90-7	ug/L	8/11/2009	1	n/a	ND	
GU-4	d	Chloroethane	75-00-3	ug/L	8/11/2009	4	n/a	ND	
GU-4	d	Chloroform	67-66-3	ug/L	8/11/2009	1	n/a	ND	
GU-4	d	Chlorodibromomethane	124-48-1	ug/L	8/11/2009	5	n/a	ND	
GU-4	d	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	8/11/2009	0.498	n/a	ND	
GU-4	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	8/11/2009	0.255	n/a	ND	
GU-4	d	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	8/11/2009	10	n/a	ND	
GU-4	d	1,1-Dichloroethane	75-34-3	ug/L	8/11/2009	1	n/a	ND	
GU-4	d	1,2-Dichloroethane	107-06-2	ug/L	8/11/2009	1	n/a	ND	
GU-4	d	1,1-Dichloroethene	75-35-4	ug/L	8/11/2009	2	n/a	ND	
GU-4	d	cis-1,2-Dichloroethene	156-59-2	ug/L	8/11/2009	1	n/a	ND	
GU-4	d	trans-1,2-Dichloroethene	156-60-5	ug/L	8/11/2009	1	n/a	ND	
GU-4	d	1,2-Dichloropropane	78-87-5	ug/L	8/11/2009	1	n/a	ND	
GU-4	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	8/11/2009	5	n/a	ND	
GU-4	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	8/11/2009	5	n/a	ND	
GU-4	d	1,2-Dichlorobenzene	95-50-1	ug/L	8/11/2009	1	n/a	ND	
GU-4	d	1,4-Dichlorobenzene	106-46-7	ug/L	8/11/2009	1	n/a	ND	
GU-4	d	Ethylbenzene	100-41-4	ug/L	8/11/2009	1	n/a	ND	
GU-4	d	2-Hexanone	591-78-6	ug/L	8/11/2009	10	n/a	ND	
GU-4	d	Bromomethane	74-83-9	ug/L	8/11/2009	4	n/a	ND	
GU-4	d	Chloromethane	74-87-3	ug/L	8/11/2009	3	n/a	ND	
GU-4	d	2-Butanone	78-93-3	ug/L	8/11/2009	10	n/a	ND	
GU-4	d	Iodomethane	74-88-4	ug/L	8/11/2009	10	n/a	ND	
GU-4	d	4-Methyl-2-pentanone	108-10-1	ug/L	8/11/2009	10	n/a	ND	
GU-4	d	Methylene Bromide	74-95-3	ug/L	8/11/2009	1	n/a	ND	
GU-4	d	Methylene Chloride	75-09-2	ug/L	8/11/2009	5	n/a	ND	
GU-4	d	Styrene	100-42-5	ug/L	8/11/2009	1	n/a	ND	
GU-4	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	8/11/2009	1	n/a	ND	
GU-4	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	8/11/2009	1	n/a	ND	
GU-4	d	Tetrachloroethene	127-18-4	ug/L	8/11/2009	1	n/a	ND	
GU-4	d	Toluene	108-88-3	ug/L	8/11/2009	1	n/a	ND	
GU-4	d	1,1,1-Trichloroethane	71-55-6	ug/L	8/11/2009	1	n/a	ND	
GU-4	d	1,1,2-Trichloroethane	79-00-5	ug/L	8/11/2009	1	n/a	ND	
GU-4	d	Trichloroethene	79-01-6	ug/L	8/11/2009	1	n/a	ND	
GU-4	d	Trichlorofluoromethane	75-69-4	ug/L	8/11/2009	4	n/a	ND	
GU-4	d	1,2,3-Trichloropropane	96-18-4	ug/L	8/11/2009	1	n/a	ND	
GU-4	d	Vinyl acetate	108-05-4	ug/L	8/11/2009	2	n/a	ND	
GU-4	d	Vinyl chloride	75-01-4	ug/L	8/11/2009	1	n/a	ND	
GU-4	d	Xylenes, total	1330-20-7	ug/L	8/11/2009	3	n/a	ND	
GU-4BG	u	Antimony	7440-36-0	mg/L	8/11/2009	0.006	n/a	ND	
GU-4BG	u	Arsenic	7440-38-2	mg/L	8/11/2009	0.01	n/a	ND	
GU-4BG	u	Barium	7440-39-3	mg/L	8/11/2009	n/a	n/a	ND	0.0354
GU-4BG	u	Beryllium	7440-41-7	mg/L	8/11/2009	0.001	n/a	ND	
GU-4BG	u	Cadmium	7440-43-9	mg/L	8/11/2009	0.0005	n/a	ND	
GU-4BG	u	Chromium	7440-47-3	mg/L	8/11/2009	0.02	n/a	ND	
GU-4BG	u	Cobalt	7440-48-4	mg/L	8/11/2009	0.02	n/a	ND	
GU-4BG	u	Copper	7440-50-8	mg/L	8/11/2009	0.02	n/a	ND	
GU-4BG	u	Lead	7439-92-1	mg/L	8/11/2009	0.004	n/a	ND	
GU-4BG	u	Nickel	7440-02-0	mg/L	8/11/2009	0.05	n/a	ND	
GU-4BG	u	Selenium	7782-49-2	mg/L	8/11/2009	0.005	n/a	ND	
GU-4BG	u	Silver	7440-22-4	mg/L	8/11/2009	0.02	n/a	ND	
GU-4BG	u	Thallium	7440-28-0	mg/L	8/11/2009	0.002	n/a	ND	
GU-4BG	u	Vanadium	7440-62-2	mg/L	8/11/2009	0.05	n/a	ND	
GU-4BG	u	Zinc	7440-66-6	mg/L	8/11/2009	n/a	n/a	ND	0.21
GU-4BG	u	Acetone	67-64-1	ug/L	8/11/2009	10	n/a	ND	
GU-4BG	u	Acrylonitrile	107-13-1	ug/L	8/11/2009	10	n/a	ND	
GU-4BG	u	Benzene	71-43-2	ug/L	8/11/2009	0.5	n/a	ND	
GU-4BG	u	Bromochloromethane	74-97-5	ug/L	8/11/2009	5	n/a	ND	
GU-4BG	u	Bromodichloromethane	75-27-4	ug/L	8/11/2009	1	n/a	ND	
GU-4BG	u	Bromoform	75-25-2	ug/L	8/11/2009	5	n/a	ND	
GU-4BG	u	Carbon disulfide	75-15-0	ug/L	8/11/2009	1	n/a	ND	
GU-4BG	u	Carbon Tetrachloride	56-23-5	ug/L	8/11/2009	2	n/a	ND	
GU-4BG	u	Chlorobenzene	108-90-7	ug/L	8/11/2009	1	n/a	ND	
GU-4BG	u	Chloroethane	75-00-3	ug/L	8/11/2009	4	n/a	ND	
GU-4BG	u	Chloroform	67-66-3	ug/L	8/11/2009	1	n/a	ND	
GU-4BG	u	Chlorodibromomethane	124-48-1	ug/L	8/11/2009	5	n/a	ND	
GU-4BG	u	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	8/11/2009	0.498	n/a	ND	

Table 9A
Analytical Data Summary - Phase II MSWLF
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Phase II MSWLF and CWTS
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
GU-4BG	u	1,2-Dibromoethane [EDB]	106-93-4	ug/L	8/11/2009	0.255	n/a	ND	
GU-4BG	u	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	8/11/2009	10	n/a	ND	
GU-4BG	u	1,1-Dichloroethane	75-34-3	ug/L	8/11/2009	1	n/a	ND	
GU-4BG	u	1,2-Dichloroethane	107-06-2	ug/L	8/11/2009	1	n/a	ND	
GU-4BG	u	1,1-Dichloroethene	75-35-4	ug/L	8/11/2009	2	n/a	ND	
GU-4BG	u	cis-1,2-Dichloroethene	156-59-2	ug/L	8/11/2009	1	n/a	ND	
GU-4BG	u	trans-1,2-Dichloroethene	156-60-5	ug/L	8/11/2009	1	n/a	ND	
GU-4BG	u	1,2-Dichloropropane	78-87-5	ug/L	8/11/2009	1	n/a	ND	
GU-4BG	u	cis-1,3-Dichloropropene	10061-01-5	ug/L	8/11/2009	5	n/a	ND	
GU-4BG	u	trans-1,3-Dichloropropene	10061-02-6	ug/L	8/11/2009	5	n/a	ND	
GU-4BG	u	1,2-Dichlorobenzene	95-50-1	ug/L	8/11/2009	1	n/a	ND	
GU-4BG	u	1,4-Dichlorobenzene	106-46-7	ug/L	8/11/2009	1	n/a	ND	
GU-4BG	u	Ethylbenzene	100-41-4	ug/L	8/11/2009	1	n/a	ND	
GU-4BG	u	2-Hexanone	591-78-6	ug/L	8/11/2009	10	n/a	ND	
GU-4BG	u	Bromomethane	74-83-9	ug/L	8/11/2009	4	n/a	ND	
GU-4BG	u	Chloromethane	74-87-3	ug/L	8/11/2009	3	n/a	ND	
GU-4BG	u	2-Butanone	78-93-3	ug/L	8/11/2009	10	n/a	ND	
GU-4BG	u	Iodomethane	74-88-4	ug/L	8/11/2009	10	n/a	ND	
GU-4BG	u	4-Methyl-2-pentanone	108-10-1	ug/L	8/11/2009	10	n/a	ND	
GU-4BG	u	Methylene Bromide	74-95-3	ug/L	8/11/2009	1	n/a	ND	
GU-4BG	u	Methylene Chloride	75-09-2	ug/L	8/11/2009	5	n/a	ND	
GU-4BG	u	Styrene	100-42-5	ug/L	8/11/2009	1	n/a	ND	
GU-4BG	u	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	8/11/2009	1	n/a	ND	
GU-4BG	u	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	8/11/2009	1	n/a	ND	
GU-4BG	u	Tetrachloroethene	127-18-4	ug/L	8/11/2009	1	n/a	ND	
GU-4BG	u	Toluene	108-88-3	ug/L	8/11/2009	1	n/a	ND	
GU-4BG	u	1,1,1-Trichloroethane	71-55-6	ug/L	8/11/2009	1	n/a	ND	
GU-4BG	u	1,1,2-Trichloroethane	79-00-5	ug/L	8/11/2009	1	n/a	ND	
GU-4BG	u	Trichloroethene	79-01-6	ug/L	8/11/2009	1	n/a	ND	
GU-4BG	u	Trichlorofluoromethane	75-69-4	ug/L	8/11/2009	4	n/a	ND	
GU-4BG	u	1,2,3-Trichloropropane	96-18-4	ug/L	8/11/2009	1	n/a	ND	
GU-4BG	u	Vinyl acetate	108-05-4	ug/L	8/11/2009	2	n/a	ND	
GU-4BG	u	Vinyl chloride	75-01-4	ug/L	8/11/2009	1	n/a	ND	
GU-4BG	u	Xylenes, total	1330-20-7	ug/L	8/11/2009	3	n/a	ND	
GU-5	d	Antimony	7440-36-0	mg/L	8/11/2009	0.006	n/a	ND	
GU-5	d	Arsenic	7440-38-2	mg/L	8/11/2009	n/a	n/a		0.0013
GU-5	d	Barium	7440-39-3	mg/L	8/11/2009	n/a	n/a		0.25
GU-5	d	Beryllium	7440-41-7	mg/L	8/11/2009	0.001	n/a	ND	
GU-5	d	Cadmium	7440-43-9	mg/L	8/11/2009	0.0005	n/a	ND	
GU-5	d	Chromium	7440-47-3	mg/L	8/11/2009	0.02	n/a	ND	
GU-5	d	Cobalt	7440-48-4	mg/L	8/11/2009	0.02	n/a	ND	
GU-5	d	Copper	7440-50-8	mg/L	8/11/2009	0.02	n/a	ND	
GU-5	d	Lead	7439-92-1	mg/L	8/11/2009	0.004	n/a	ND	
GU-5	d	Nickel	7440-02-0	mg/L	8/11/2009	0.05	n/a	ND	
GU-5	d	Selenium	7782-49-2	mg/L	8/11/2009	0.005	n/a	ND	
GU-5	d	Silver	7440-22-4	mg/L	8/11/2009	0.02	n/a	ND	
GU-5	d	Thallium	7440-28-0	mg/L	8/11/2009	0.002	n/a	ND	
GU-5	d	Vanadium	7440-62-2	mg/L	8/11/2009	0.05	n/a	ND	
GU-5	d	Zinc	7440-66-6	mg/L	8/11/2009	n/a	n/a		0.0572
GU-5	d	Acetone	67-64-1	ug/L	8/11/2009	10	n/a	ND	
GU-5	d	Acrylonitrile	107-13-1	ug/L	8/11/2009	10	n/a	ND	
GU-5	d	Benzene	71-43-2	ug/L	8/11/2009	0.5	n/a	ND	
GU-5	d	Bromochloromethane	74-97-5	ug/L	8/11/2009	5	n/a	ND	
GU-5	d	Bromodichloromethane	75-27-4	ug/L	8/11/2009	1	n/a	ND	
GU-5	d	Bromoform	75-25-2	ug/L	8/11/2009	5	n/a	ND	
GU-5	d	Carbon disulfide	75-15-0	ug/L	8/11/2009	1	n/a	ND	
GU-5	d	Carbon Tetrachloride	56-23-5	ug/L	8/11/2009	2	n/a	ND	
GU-5	d	Chlorobenzene	108-90-7	ug/L	8/11/2009	1	n/a	ND	
GU-5	d	Chloroethane	75-00-3	ug/L	8/11/2009	4	n/a	ND	
GU-5	d	Chloroform	67-66-3	ug/L	8/11/2009	1	n/a	ND	
GU-5	d	Chlorodibromomethane	124-48-1	ug/L	8/11/2009	5	n/a	ND	
GU-5	d	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	8/11/2009	0.498	n/a	ND	
GU-5	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	8/11/2009	0.255	n/a	ND	
GU-5	d	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	8/11/2009	10	n/a	ND	
GU-5	d	1,1-Dichloroethane	75-34-3	ug/L	8/11/2009	1	n/a	ND	
GU-5	d	1,2-Dichloroethane	107-06-2	ug/L	8/11/2009	1	n/a	ND	
GU-5	d	1,1-Dichloroethene	75-35-4	ug/L	8/11/2009	2	n/a	ND	
GU-5	d	cis-1,2-Dichloroethene	156-59-2	ug/L	8/11/2009	1	n/a	ND	
GU-5	d	trans-1,2-Dichloroethene	156-60-5	ug/L	8/11/2009	1	n/a	ND	
GU-5	d	1,2-Dichloropropane	78-87-5	ug/L	8/11/2009	1	n/a	ND	
GU-5	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	8/11/2009	5	n/a	ND	
GU-5	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	8/11/2009	5	n/a	ND	
GU-5	d	1,2-Dichlorobenzene	95-50-1	ug/L	8/11/2009	1	n/a	ND	
GU-5	d	1,4-Dichlorobenzene	106-46-7	ug/L	8/11/2009	1	n/a	ND	
GU-5	d	Ethylbenzene	100-41-4	ug/L	8/11/2009	1	n/a	ND	

Table 9A
Analytical Data Summary - Phase II MSWLF
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Phase II MSWLF and CWTS
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Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
GU-5	d	2-Hexanone	591-78-6	ug/L	8/11/2009	10	n/a	ND	
GU-5	d	Bromomethane	74-83-9	ug/L	8/11/2009	4	n/a	ND	
GU-5	d	Chloromethane	74-87-3	ug/L	8/11/2009	3	n/a	ND	
GU-5	d	2-Butanone	78-93-3	ug/L	8/11/2009	10	n/a	ND	
GU-5	d	Iodomethane	74-88-4	ug/L	8/11/2009	10	n/a	ND	
GU-5	d	4-Methyl-2-pentanone	108-10-1	ug/L	8/11/2009	10	n/a	ND	
GU-5	d	Methylene Bromide	74-95-3	ug/L	8/11/2009	1	n/a	ND	
GU-5	d	Methylene Chloride	75-09-2	ug/L	8/11/2009	5	n/a	ND	
GU-5	d	Styrene	100-42-5	ug/L	8/11/2009	1	n/a	ND	
GU-5	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	8/11/2009	1	n/a	ND	
GU-5	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	8/11/2009	1	n/a	ND	
GU-5	d	Tetrachloroethene	127-18-4	ug/L	8/11/2009	1	n/a	ND	
GU-5	d	Toluene	108-88-3	ug/L	8/11/2009	1	n/a	ND	
GU-5	d	1,1,1-Trichloroethane	71-55-6	ug/L	8/11/2009	1	n/a	ND	
GU-5	d	1,1,2-Trichloroethane	79-00-5	ug/L	8/11/2009	1	n/a	ND	
GU-5	d	Trichloroethene	79-01-6	ug/L	8/11/2009	1	n/a	ND	
GU-5	d	Trichlorofluoromethane	75-69-4	ug/L	8/11/2009	4	n/a	ND	
GU-5	d	1,2,3-Trichloropropane	96-18-4	ug/L	8/11/2009	1	n/a	ND	
GU-5	d	Vinyl acetate	108-05-4	ug/L	8/11/2009	2	n/a	ND	
GU-5	d	Vinyl chloride	75-01-4	ug/L	8/11/2009	1	n/a	ND	
GU-5	d	Xylenes, total	1330-20-7	ug/L	8/11/2009	3	n/a	ND	
GU-5BG	u	Antimony	7440-36-0	mg/L	8/11/2009	0.006	n/a	ND	
GU-5BG	u	Arsenic	7440-38-2	mg/L	8/11/2009	n/a	n/a		0.0013
GU-5BG	u	Barium	7440-39-3	mg/L	8/11/2009	n/a	n/a		0.25
GU-5BG	u	Beryllium	7440-41-7	mg/L	8/11/2009	0.001	n/a	ND	
GU-5BG	u	Cadmium	7440-43-9	mg/L	8/11/2009	0.0005	n/a	ND	
GU-5BG	u	Chromium	7440-47-3	mg/L	8/11/2009	0.02	n/a	ND	
GU-5BG	u	Cobalt	7440-48-4	mg/L	8/11/2009	0.02	n/a	ND	
GU-5BG	u	Copper	7440-50-8	mg/L	8/11/2009	0.02	n/a	ND	
GU-5BG	u	Lead	7439-92-1	mg/L	8/11/2009	0.004	n/a	ND	
GU-5BG	u	Nickel	7440-02-0	mg/L	8/11/2009	0.05	n/a	ND	
GU-5BG	u	Selenium	7782-49-2	mg/L	8/11/2009	0.005	n/a	ND	
GU-5BG	u	Silver	7440-22-4	mg/L	8/11/2009	0.02	n/a	ND	
GU-5BG	u	Thallium	7440-28-0	mg/L	8/11/2009	0.002	n/a	ND	
GU-5BG	u	Vanadium	7440-62-2	mg/L	8/11/2009	0.05	n/a	ND	
GU-5BG	u	Zinc	7440-66-6	mg/L	8/11/2009	n/a	n/a		0.0572
GU-5BG	u	Acetone	67-64-1	ug/L	8/11/2009	10	n/a	ND	
GU-5BG	u	Acrylonitrile	107-13-1	ug/L	8/11/2009	10	n/a	ND	
GU-5BG	u	Benzene	71-43-2	ug/L	8/11/2009	0.5	n/a	ND	
GU-5BG	u	Bromochloromethane	74-97-5	ug/L	8/11/2009	5	n/a	ND	
GU-5BG	u	Bromodichloromethane	75-27-4	ug/L	8/11/2009	1	n/a	ND	
GU-5BG	u	Bromoform	75-25-2	ug/L	8/11/2009	5	n/a	ND	
GU-5BG	u	Carbon disulfide	75-15-0	ug/L	8/11/2009	1	n/a	ND	
GU-5BG	u	Carbon Tetrachloride	56-23-5	ug/L	8/11/2009	2	n/a	ND	
GU-5BG	u	Chlorobenzene	108-90-7	ug/L	8/11/2009	1	n/a	ND	
GU-5BG	u	Chloroethane	75-00-3	ug/L	8/11/2009	4	n/a	ND	
GU-5BG	u	Chloroform	67-66-3	ug/L	8/11/2009	1	n/a	ND	
GU-5BG	u	Chlorodibromomethane	124-48-1	ug/L	8/11/2009	5	n/a	ND	
GU-5BG	u	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	8/11/2009	0.498	n/a	ND	
GU-5BG	u	1,2-Dibromoethane [EDB]	106-93-4	ug/L	8/11/2009	0.255	n/a	ND	
GU-5BG	u	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	8/11/2009	10	n/a	ND	
GU-5BG	u	1,1-Dichloroethane	75-34-3	ug/L	8/11/2009	1	n/a	ND	
GU-5BG	u	1,2-Dichloroethane	107-06-2	ug/L	8/11/2009	1	n/a	ND	
GU-5BG	u	1,1-Dichloroethene	75-35-4	ug/L	8/11/2009	2	n/a	ND	
GU-5BG	u	cis-1,2-Dichloroethene	156-59-2	ug/L	8/11/2009	1	n/a	ND	
GU-5BG	u	trans-1,2-Dichloroethene	156-60-5	ug/L	8/11/2009	1	n/a	ND	
GU-5BG	u	1,2-Dichloropropane	78-87-5	ug/L	8/11/2009	1	n/a	ND	
GU-5BG	u	cis-1,3-Dichloropropene	10061-01-5	ug/L	8/11/2009	5	n/a	ND	
GU-5BG	u	trans-1,3-Dichloropropene	10061-02-6	ug/L	8/11/2009	5	n/a	ND	
GU-5BG	u	1,2-Dichlorobenzene	95-50-1	ug/L	8/11/2009	1	n/a	ND	
GU-5BG	u	1,4-Dichlorobenzene	106-46-7	ug/L	8/11/2009	1	n/a	ND	
GU-5BG	u	Ethylbenzene	100-41-4	ug/L	8/11/2009	1	n/a	ND	
GU-5BG	u	2-Hexanone	591-78-6	ug/L	8/11/2009	10	n/a	ND	
GU-5BG	u	Bromomethane	74-83-9	ug/L	8/11/2009	4	n/a	ND	
GU-5BG	u	Chloromethane	74-87-3	ug/L	8/11/2009	3	n/a	ND	
GU-5BG	u	2-Butanone	78-93-3	ug/L	8/11/2009	10	n/a	ND	
GU-5BG	u	Iodomethane	74-88-4	ug/L	8/11/2009	10	n/a	ND	
GU-5BG	u	4-Methyl-2-pentanone	108-10-1	ug/L	8/11/2009	10	n/a	ND	
GU-5BG	u	Methylene Bromide	74-95-3	ug/L	8/11/2009	1	n/a	ND	
GU-5BG	u	Methylene Chloride	75-09-2	ug/L	8/11/2009	5	n/a	ND	
GU-5BG	u	Styrene	100-42-5	ug/L	8/11/2009	1	n/a	ND	
GU-5BG	u	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	8/11/2009	1	n/a	ND	
GU-5BG	u	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	8/11/2009	1	n/a	ND	
GU-5BG	u	Tetrachloroethene	127-18-4	ug/L	8/11/2009	1	n/a	ND	
GU-5BG	u	Toluene	108-88-3	ug/L	8/11/2009	1	n/a	ND	

Table 9A
Analytical Data Summary - Phase II MSWLF
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Phase II MSWLF and CWTS
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Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
GU-5BG	u	1,1,1-Trichloroethane	71-55-6	ug/L	8/11/2009	1	n/a	ND	
GU-5BG	u	1,1,2-Trichloroethane	79-00-5	ug/L	8/11/2009	1	n/a	ND	
GU-5BG	u	Trichloroethene	79-01-6	ug/L	8/11/2009	1	n/a	ND	
GU-5BG	u	Trichlorofluoromethane	75-69-4	ug/L	8/11/2009	4	n/a	ND	
GU-5BG	u	1,2,3-Trichloropropane	96-18-4	ug/L	8/11/2009	1	n/a	ND	
GU-5BG	u	Vinyl acetate	108-05-4	ug/L	8/11/2009	2	n/a	ND	
GU-5BG	u	Vinyl chloride	75-01-4	ug/L	8/11/2009	1	n/a	ND	
GU-5BG	u	Xylenes, total	1330-20-7	ug/L	8/11/2009	3	n/a	ND	
MW-B	d	Antimony	7440-36-0	mg/L	9/9/2009	0.006	n/a	ND	
MW-B	d	Arsenic	7440-38-2	mg/L	9/9/2009	n/a	n/a		0.00122
MW-B	d	Barium	7440-39-3	mg/L	9/9/2009	n/a	n/a		0.0412
MW-B	d	Beryllium	7440-41-7	mg/L	9/9/2009	0.001	n/a	ND	
MW-B	d	Cadmium	7440-43-9	mg/L	9/9/2009	0.0005	n/a	ND	
MW-B	d	Chromium	7440-47-3	mg/L	9/9/2009	0.02	n/a	ND	
MW-B	d	Cobalt	7440-48-4	mg/L	9/9/2009	0.02	n/a	ND	
MW-B	d	Copper	7440-50-8	mg/L	9/9/2009	0.02	n/a	ND	
MW-B	d	Lead	7439-92-1	mg/L	9/9/2009	0.004	n/a	ND	
MW-B	d	Nickel	7440-02-0	mg/L	9/9/2009	0.05	n/a	ND	
MW-B	d	Selenium	7782-49-2	mg/L	9/9/2009	0.005	n/a	ND	
MW-B	d	Silver	7440-22-4	mg/L	9/9/2009	0.02	n/a	ND	
MW-B	d	Thallium	7440-28-0	mg/L	9/9/2009	0.002	n/a	ND	
MW-B	d	Vanadium	7440-62-2	mg/L	9/9/2009	0.05	n/a	ND	
MW-B	d	Zinc	7440-66-6	mg/L	9/9/2009	n/a	n/a		0.0789
MW-B	d	Acetone	67-64-1	ug/L	9/9/2009	10	n/a	ND	
MW-B	d	Acrylonitrile	107-13-1	ug/L	9/9/2009	10	n/a	ND	
MW-B	d	Benzene	71-43-2	ug/L	9/9/2009	0.5	n/a	ND	
MW-B	d	Bromochloromethane	74-97-5	ug/L	9/9/2009	5	n/a	ND	
MW-B	d	Bromodichloromethane	75-27-4	ug/L	9/9/2009	1	n/a	ND	
MW-B	d	Bromoform	75-25-2	ug/L	9/9/2009	5	n/a	ND	
MW-B	d	Carbon disulfide	75-15-0	ug/L	9/9/2009	1	n/a	ND	
MW-B	d	Carbon Tetrachloride	56-23-5	ug/L	9/9/2009	2	n/a	ND	
MW-B	d	Chlorobenzene	108-90-7	ug/L	9/9/2009	1	n/a	ND	
MW-B	d	Chloroethane	75-00-3	ug/L	9/9/2009	4	n/a	ND	
MW-B	d	Chloroform	67-66-3	ug/L	9/9/2009	1	n/a	ND	
MW-B	d	Chlorodibromomethane	124-48-1	ug/L	9/9/2009	5	n/a	ND	
MW-B	d	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	9/9/2009	0.498	n/a	ND	
MW-B	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	9/9/2009	0.255	n/a	ND	
MW-B	d	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	9/9/2009	10	n/a	ND	
MW-B	d	1,1-Dichloroethane	75-34-3	ug/L	9/9/2009	1	n/a	ND	
MW-B	d	1,2-Dichloroethane	107-06-2	ug/L	9/9/2009	1	n/a	ND	
MW-B	d	1,1-Dichloroethene	75-35-4	ug/L	9/9/2009	2	n/a	ND	
MW-B	d	cis-1,2-Dichloroethene	156-59-2	ug/L	9/9/2009	1	n/a	ND	
MW-B	d	trans-1,2-Dichloroethene	156-60-5	ug/L	9/9/2009	1	n/a	ND	
MW-B	d	1,2-Dichloropropane	78-87-5	ug/L	9/9/2009	1	n/a	ND	
MW-B	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	9/9/2009	5	n/a	ND	
MW-B	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	9/9/2009	5	n/a	ND	
MW-B	d	1,2-Dichlorobenzene	95-50-1	ug/L	9/9/2009	1	n/a	ND	
MW-B	d	1,4-Dichlorobenzene	106-46-7	ug/L	9/9/2009	1	n/a	ND	
MW-B	d	Ethylbenzene	100-41-4	ug/L	9/9/2009	1	n/a	ND	
MW-B	d	2-Hexanone	591-78-6	ug/L	9/9/2009	10	n/a	ND	
MW-B	d	Bromomethane	74-83-9	ug/L	9/9/2009	4	n/a	ND	
MW-B	d	Chloromethane	74-87-3	ug/L	9/9/2009	3	n/a	ND	
MW-B	d	2-Butanone	78-93-3	ug/L	9/9/2009	10	n/a	ND	
MW-B	d	Iodomethane	74-88-4	ug/L	9/9/2009	10	n/a	ND	
MW-B	d	4-Methyl-2-pentanone	108-10-1	ug/L	9/9/2009	10	n/a	ND	
MW-B	d	Methylene Bromide	74-95-3	ug/L	9/9/2009	1	n/a	ND	
MW-B	d	Methylene Chloride	75-09-2	ug/L	9/9/2009	5	n/a	ND	
MW-B	d	Styrene	100-42-5	ug/L	9/9/2009	1	n/a	ND	
MW-B	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	9/9/2009	1	n/a	ND	
MW-B	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	9/9/2009	1	n/a	ND	
MW-B	d	Tetrachloroethene	127-18-4	ug/L	9/9/2009	1	n/a	ND	
MW-B	d	Toluene	108-88-3	ug/L	9/9/2009	1	n/a	ND	
MW-B	d	1,1,1-Trichloroethane	71-55-6	ug/L	9/9/2009	1	n/a	ND	
MW-B	d	1,1,2-Trichloroethane	79-00-5	ug/L	9/9/2009	1	n/a	ND	
MW-B	d	Trichloroethene	79-01-6	ug/L	9/9/2009	1	n/a	ND	
MW-B	d	Trichlorofluoromethane	75-69-4	ug/L	9/9/2009	4	n/a	ND	
MW-B	d	1,2,3-Trichloropropane	96-18-4	ug/L	9/9/2009	1	n/a	ND	
MW-B	d	Vinyl acetate	108-05-4	ug/L	9/9/2009	2	n/a	ND	
MW-B	d	Vinyl chloride	75-01-4	ug/L	9/9/2009	1	n/a	ND	
MW-B	d	Xylenes, total	1330-20-7	ug/L	9/9/2009	3	n/a	ND	
GU-3	d	Antimony	7440-36-0	mg/L	10/2/2009	0.006	n/a	ND	
GU-3	d	Arsenic	7440-38-2	mg/L	10/2/2009	0.001	n/a	ND	
GU-3	d	Barium	7440-39-3	mg/L	10/2/2009	n/a	n/a		0.12
GU-3	d	Beryllium	7440-41-7	mg/L	10/2/2009	0.001	n/a	ND	
GU-3	d	Cadmium	7440-43-9	mg/L	10/2/2009	0.0005	n/a	ND	

Table 9A
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Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
GU-3	d	Chromium	7440-47-3	mg/L	10/2/2009	0.02	n/a	ND	
GU-3	d	Cobalt	7440-48-4	mg/L	10/2/2009	0.02	n/a	ND	
GU-3	d	Copper	7440-50-8	mg/L	10/2/2009	0.02	n/a	ND	
GU-3	d	Lead	7439-92-1	mg/L	10/2/2009	0.004	n/a	ND	
GU-3	d	Nickel	7440-02-0	mg/L	10/2/2009	0.05	n/a	ND	
GU-3	d	Selenium	7782-49-2	mg/L	10/2/2009	0.005	n/a	ND	
GU-3	d	Silver	7440-22-4	mg/L	10/2/2009	0.02	n/a	ND	
GU-3	d	Thallium	7440-28-0	mg/L	10/2/2009	0.002	n/a	ND	
GU-3	d	Vanadium	7440-62-2	mg/L	10/2/2009	0.05	n/a	ND	
GU-3	d	Zinc	7440-66-6	mg/L	10/2/2009	n/a	n/a		0.0699
GU-3	d	Acetone	67-64-1	ug/L	10/2/2009	10	n/a	ND	
GU-3	d	Acrylonitrile	107-13-1	ug/L	10/2/2009	10	n/a	ND	
GU-3	d	Benzene	71-43-2	ug/L	10/2/2009	0.5	n/a	ND	
GU-3	d	Bromochloromethane	74-97-5	ug/L	10/2/2009	5	n/a	ND	
GU-3	d	Bromodichloromethane	75-27-4	ug/L	10/2/2009	1	n/a	ND	
GU-3	d	Bromoform	75-25-2	ug/L	10/2/2009	5	n/a	ND	
GU-3	d	Carbon disulfide	75-15-0	ug/L	10/2/2009	1	n/a	ND	
GU-3	d	Carbon Tetrachloride	56-23-5	ug/L	10/2/2009	2	n/a	ND	
GU-3	d	Chlorobenzene	108-90-7	ug/L	10/2/2009	1	n/a	ND	
GU-3	d	Chloroethane	75-00-3	ug/L	10/2/2009	4	n/a	ND	
GU-3	d	Chloroform	67-66-3	ug/L	10/2/2009	1	n/a	ND	
GU-3	d	Chlorodibromomethane	124-48-1	ug/L	10/2/2009	5	n/a	ND	
GU-3	d	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	10/2/2009	0.498	n/a	ND	
GU-3	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	10/2/2009	0.255	n/a	ND	
GU-3	d	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	10/2/2009	10	n/a	ND	
GU-3	d	1,1-Dichloroethane	75-34-3	ug/L	10/2/2009	1	n/a	ND	
GU-3	d	1,2-Dichloroethane	107-06-2	ug/L	10/2/2009	1	n/a	ND	
GU-3	d	1,1-Dichloroethene	75-35-4	ug/L	10/2/2009	2	n/a	ND	
GU-3	d	cis-1,2-Dichloroethene	156-59-2	ug/L	10/2/2009	1	n/a	ND	
GU-3	d	trans-1,2-Dichloroethene	156-60-5	ug/L	10/2/2009	1	n/a	ND	
GU-3	d	1,2-Dichloropropane	78-87-5	ug/L	10/2/2009	1	n/a	ND	
GU-3	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	10/2/2009	5	n/a	ND	
GU-3	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	10/2/2009	5	n/a	ND	
GU-3	d	1,2-Dichlorobenzene	95-50-1	ug/L	10/2/2009	1	n/a	ND	
GU-3	d	1,4-Dichlorobenzene	106-46-7	ug/L	10/2/2009	1	n/a	ND	
GU-3	d	Ethylbenzene	100-41-4	ug/L	10/2/2009	1	n/a	ND	
GU-3	d	2-Hexanone	591-78-6	ug/L	10/2/2009	10	n/a	ND	
GU-3	d	Bromomethane	74-83-9	ug/L	10/2/2009	4	n/a	ND	
GU-3	d	Chloromethane	74-87-3	ug/L	10/2/2009	3	n/a	ND	
GU-3	d	2-Butanone	78-93-3	ug/L	10/2/2009	10	n/a	ND	
GU-3	d	Iodomethane	74-88-4	ug/L	10/2/2009	20	n/a	ND	
GU-3	d	4-Methyl-2-pentanone	108-10-1	ug/L	10/2/2009	10	n/a	ND	
GU-3	d	Methylene Bromide	74-95-3	ug/L	10/2/2009	1	n/a	ND	
GU-3	d	Methylene Chloride	75-09-2	ug/L	10/2/2009	5	n/a	ND	
GU-3	d	Styrene	100-42-5	ug/L	10/2/2009	1	n/a	ND	
GU-3	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	10/2/2009	1	n/a	ND	
GU-3	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	10/2/2009	1	n/a	ND	
GU-3	d	Tetrachloroethene	127-18-4	ug/L	10/2/2009	1	n/a	ND	
GU-3	d	Toluene	108-88-3	ug/L	10/2/2009	1	n/a	ND	
GU-3	d	1,1,1-Trichloroethane	71-55-6	ug/L	10/2/2009	1	n/a	ND	
GU-3	d	1,1,2-Trichloroethane	79-00-5	ug/L	10/2/2009	1	n/a	ND	
GU-3	d	Trichloroethene	79-01-6	ug/L	10/2/2009	1	n/a	ND	
GU-3	d	Trichlorofluoromethane	75-69-4	ug/L	10/2/2009	4	n/a	ND	
GU-3	d	1,2,3-Trichloropropane	96-18-4	ug/L	10/2/2009	1	n/a	ND	
GU-3	d	Vinyl acetate	108-05-4	ug/L	10/2/2009	2	n/a	ND	
GU-3	d	Vinyl chloride	75-01-4	ug/L	10/2/2009	1	n/a	ND	
GU-3	d	Xylenes, total	1330-20-7	ug/L	10/2/2009	3	n/a	ND	
GU-3BG	u	Antimony	7440-36-0	mg/L	10/2/2009	0.006	n/a	ND	
GU-3BG	u	Arsenic	7440-38-2	mg/L	10/2/2009	0.001	n/a	ND	
GU-3BG	u	Barium	7440-39-3	mg/L	10/2/2009	n/a	n/a		0.12
GU-3BG	u	Beryllium	7440-41-7	mg/L	10/2/2009	0.001	n/a	ND	
GU-3BG	u	Cadmium	7440-43-9	mg/L	10/2/2009	0.0005	n/a	ND	
GU-3BG	u	Chromium	7440-47-3	mg/L	10/2/2009	0.02	n/a	ND	
GU-3BG	u	Cobalt	7440-48-4	mg/L	10/2/2009	0.02	n/a	ND	
GU-3BG	u	Copper	7440-50-8	mg/L	10/2/2009	0.02	n/a	ND	
GU-3BG	u	Lead	7439-92-1	mg/L	10/2/2009	0.004	n/a	ND	
GU-3BG	u	Nickel	7440-02-0	mg/L	10/2/2009	0.05	n/a	ND	
GU-3BG	u	Selenium	7782-49-2	mg/L	10/2/2009	0.005	n/a	ND	
GU-3BG	u	Silver	7440-22-4	mg/L	10/2/2009	0.02	n/a	ND	
GU-3BG	u	Thallium	7440-28-0	mg/L	10/2/2009	0.002	n/a	ND	
GU-3BG	u	Vanadium	7440-62-2	mg/L	10/2/2009	0.05	n/a	ND	
GU-3BG	u	Zinc	7440-66-6	mg/L	10/2/2009	n/a	n/a		0.0699
GU-3BG	u	Acetone	67-64-1	ug/L	10/2/2009	10	n/a	ND	
GU-3BG	u	Acrylonitrile	107-13-1	ug/L	10/2/2009	10	n/a	ND	
GU-3BG	u	Benzene	71-43-2	ug/L	10/2/2009	0.5	n/a	ND	

Table 9A
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Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
GU-3BG	u	Bromochloromethane	74-97-5	ug/L	10/2/2009	5	n/a	ND	
GU-3BG	u	Bromodichloromethane	75-27-4	ug/L	10/2/2009	1	n/a	ND	
GU-3BG	u	Bromoform	75-25-2	ug/L	10/2/2009	5	n/a	ND	
GU-3BG	u	Carbon disulfide	75-15-0	ug/L	10/2/2009	1	n/a	ND	
GU-3BG	u	Carbon Tetrachloride	56-23-5	ug/L	10/2/2009	2	n/a	ND	
GU-3BG	u	Chlorobenzene	108-90-7	ug/L	10/2/2009	1	n/a	ND	
GU-3BG	u	Chloroethane	75-00-3	ug/L	10/2/2009	4	n/a	ND	
GU-3BG	u	Chloroform	67-66-3	ug/L	10/2/2009	1	n/a	ND	
GU-3BG	u	Chlorodibromomethane	124-48-1	ug/L	10/2/2009	5	n/a	ND	
GU-3BG	u	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	10/2/2009	0.498	n/a	ND	
GU-3BG	u	1,2-Dibromoethane [EDB]	106-93-4	ug/L	10/2/2009	0.255	n/a	ND	
GU-3BG	u	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	10/2/2009	10	n/a	ND	
GU-3BG	u	1,1-Dichloroethane	75-34-3	ug/L	10/2/2009	1	n/a	ND	
GU-3BG	u	1,2-Dichloroethane	107-06-2	ug/L	10/2/2009	1	n/a	ND	
GU-3BG	u	1,1-Dichloroethene	75-35-4	ug/L	10/2/2009	2	n/a	ND	
GU-3BG	u	cis-1,2-Dichloroethene	156-59-2	ug/L	10/2/2009	1	n/a	ND	
GU-3BG	u	trans-1,2-Dichloroethene	156-60-5	ug/L	10/2/2009	1	n/a	ND	
GU-3BG	u	1,2-Dichloropropane	78-87-5	ug/L	10/2/2009	1	n/a	ND	
GU-3BG	u	cis-1,3-Dichloropropene	10061-01-5	ug/L	10/2/2009	5	n/a	ND	
GU-3BG	u	trans-1,3-Dichloropropene	10061-02-6	ug/L	10/2/2009	5	n/a	ND	
GU-3BG	u	1,2-Dichlorobenzene	95-50-1	ug/L	10/2/2009	1	n/a	ND	
GU-3BG	u	1,4-Dichlorobenzene	106-46-7	ug/L	10/2/2009	1	n/a	ND	
GU-3BG	u	Ethylbenzene	100-41-4	ug/L	10/2/2009	1	n/a	ND	
GU-3BG	u	2-Hexanone	591-78-6	ug/L	10/2/2009	10	n/a	ND	
GU-3BG	u	Bromomethane	74-83-9	ug/L	10/2/2009	4	n/a	ND	
GU-3BG	u	Chloromethane	74-87-3	ug/L	10/2/2009	3	n/a	ND	
GU-3BG	u	2-Butanone	78-93-3	ug/L	10/2/2009	10	n/a	ND	
GU-3BG	u	Iodomethane	74-88-4	ug/L	10/2/2009	20	n/a	ND	
GU-3BG	u	4-Methyl-2-pentanone	108-10-1	ug/L	10/2/2009	10	n/a	ND	
GU-3BG	u	Methylene Bromide	74-95-3	ug/L	10/2/2009	1	n/a	ND	
GU-3BG	u	Methylene Chloride	75-09-2	ug/L	10/2/2009	5	n/a	ND	
GU-3BG	u	Styrene	100-42-5	ug/L	10/2/2009	1	n/a	ND	
GU-3BG	u	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	10/2/2009	1	n/a	ND	
GU-3BG	u	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	10/2/2009	1	n/a	ND	
GU-3BG	u	Tetrachloroethene	127-18-4	ug/L	10/2/2009	1	n/a	ND	
GU-3BG	u	Toluene	108-88-3	ug/L	10/2/2009	1	n/a	ND	
GU-3BG	u	1,1,1-Trichloroethane	71-55-6	ug/L	10/2/2009	1	n/a	ND	
GU-3BG	u	1,1,2-Trichloroethane	79-00-5	ug/L	10/2/2009	1	n/a	ND	
GU-3BG	u	Trichloroethene	79-01-6	ug/L	10/2/2009	1	n/a	ND	
GU-3BG	u	Trichlorofluoromethane	75-69-4	ug/L	10/2/2009	4	n/a	ND	
GU-3BG	u	1,2,3-Trichloropropane	96-18-4	ug/L	10/2/2009	1	n/a	ND	
GU-3BG	u	Vinyl acetate	108-05-4	ug/L	10/2/2009	2	n/a	ND	
GU-3BG	u	Vinyl chloride	75-01-4	ug/L	10/2/2009	1	n/a	ND	
GU-3BG	u	Xylenes, total	1330-20-7	ug/L	10/2/2009	3	n/a	ND	
GU-4	d	Antimony	7440-36-0	mg/L	10/2/2009	0.006	n/a	ND	
GU-4	d	Arsenic	7440-38-2	mg/L	10/2/2009	0.001	n/a	ND	
GU-4	d	Barium	7440-39-3	mg/L	10/2/2009	n/a	n/a		0.0294
GU-4	d	Beryllium	7440-41-7	mg/L	10/2/2009	0.001	n/a	ND	
GU-4	d	Cadmium	7440-43-9	mg/L	10/2/2009	0.0005	n/a	ND	
GU-4	d	Chromium	7440-47-3	mg/L	10/2/2009	0.02	n/a	ND	
GU-4	d	Cobalt	7440-48-4	mg/L	10/2/2009	0.02	n/a	ND	
GU-4	d	Copper	7440-50-8	mg/L	10/2/2009	0.02	n/a	ND	
GU-4	d	Lead	7439-92-1	mg/L	10/2/2009	0.004	n/a	ND	
GU-4	d	Nickel	7440-02-0	mg/L	10/2/2009	0.05	n/a	ND	
GU-4	d	Selenium	7782-49-2	mg/L	10/2/2009	0.005	n/a	ND	
GU-4	d	Silver	7440-22-4	mg/L	10/2/2009	0.02	n/a	ND	
GU-4	d	Thallium	7440-28-0	mg/L	10/2/2009	0.002	n/a	ND	
GU-4	d	Vanadium	7440-62-2	mg/L	10/2/2009	0.05	n/a	ND	
GU-4	d	Zinc	7440-66-6	mg/L	10/2/2009	n/a	n/a		0.228
GU-4	d	Acetone	67-64-1	ug/L	10/2/2009	10	n/a	ND	
GU-4	d	Acrylonitrile	107-13-1	ug/L	10/2/2009	10	n/a	ND	
GU-4	d	Benzene	71-43-2	ug/L	10/2/2009	0.5	n/a	ND	
GU-4	d	Bromochloromethane	74-97-5	ug/L	10/2/2009	5	n/a	ND	
GU-4	d	Bromodichloromethane	75-27-4	ug/L	10/2/2009	1	n/a	ND	
GU-4	d	Bromoform	75-25-2	ug/L	10/2/2009	5	n/a	ND	
GU-4	d	Carbon disulfide	75-15-0	ug/L	10/2/2009	1	n/a	ND	
GU-4	d	Carbon Tetrachloride	56-23-5	ug/L	10/2/2009	2	n/a	ND	
GU-4	d	Chlorobenzene	108-90-7	ug/L	10/2/2009	1	n/a	ND	
GU-4	d	Chloroethane	75-00-3	ug/L	10/2/2009	4	n/a	ND	
GU-4	d	Chloroform	67-66-3	ug/L	10/2/2009	1	n/a	ND	
GU-4	d	Chlorodibromomethane	124-48-1	ug/L	10/2/2009	5	n/a	ND	
GU-4	d	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	10/2/2009	0.498	n/a	ND	
GU-4	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	10/2/2009	0.255	n/a	ND	
GU-4	d	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	10/2/2009	10	n/a	ND	
GU-4	d	1,1-Dichloroethane	75-34-3	ug/L	10/2/2009	1	n/a	ND	

Table 9A
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Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
GU-4	d	1,2-Dichloroethane	107-06-2	ug/L	10/2/2009	1	n/a	ND	
GU-4	d	1,1-Dichloroethene	75-35-4	ug/L	10/2/2009	2	n/a	ND	
GU-4	d	cis-1,2-Dichloroethene	156-59-2	ug/L	10/2/2009	1	n/a	ND	
GU-4	d	trans-1,2-Dichloroethene	156-60-5	ug/L	10/2/2009	1	n/a	ND	
GU-4	d	1,2-Dichloropropane	78-87-5	ug/L	10/2/2009	1	n/a	ND	
GU-4	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	10/2/2009	5	n/a	ND	
GU-4	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	10/2/2009	5	n/a	ND	
GU-4	d	1,2-Dichlorobenzene	95-50-1	ug/L	10/2/2009	1	n/a	ND	
GU-4	d	1,4-Dichlorobenzene	106-46-7	ug/L	10/2/2009	1	n/a	ND	
GU-4	d	Ethylbenzene	100-41-4	ug/L	10/2/2009	1	n/a	ND	
GU-4	d	2-Hexanone	591-78-6	ug/L	10/2/2009	10	n/a	ND	
GU-4	d	Bromomethane	74-83-9	ug/L	10/2/2009	4	n/a	ND	
GU-4	d	Chloromethane	74-87-3	ug/L	10/2/2009	3	n/a	ND	
GU-4	d	2-Butanone	78-93-3	ug/L	10/2/2009	10	n/a	ND	
GU-4	d	Iodomethane	74-88-4	ug/L	10/2/2009	20	n/a	ND	
GU-4	d	4-Methyl-2-pentanone	108-10-1	ug/L	10/2/2009	10	n/a	ND	
GU-4	d	Methylene Bromide	74-95-3	ug/L	10/2/2009	1	n/a	ND	
GU-4	d	Methylene Chloride	75-09-2	ug/L	10/2/2009	5	n/a	ND	
GU-4	d	Styrene	100-42-5	ug/L	10/2/2009	1	n/a	ND	
GU-4	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	10/2/2009	1	n/a	ND	
GU-4	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	10/2/2009	1	n/a	ND	
GU-4	d	Tetrachloroethene	127-18-4	ug/L	10/2/2009	1	n/a	ND	
GU-4	d	Toluene	108-88-3	ug/L	10/2/2009	1	n/a	ND	
GU-4	d	1,1,1-Trichloroethane	71-55-6	ug/L	10/2/2009	1	n/a	ND	
GU-4	d	1,1,2-Trichloroethane	79-00-5	ug/L	10/2/2009	1	n/a	ND	
GU-4	d	Trichloroethene	79-01-6	ug/L	10/2/2009	1	n/a	ND	
GU-4	d	Trichlorofluoromethane	75-69-4	ug/L	10/2/2009	4	n/a	ND	
GU-4	d	1,2,3-Trichloropropane	96-18-4	ug/L	10/2/2009	1	n/a	ND	
GU-4	d	Vinyl acetate	108-05-4	ug/L	10/2/2009	2	n/a	ND	
GU-4	d	Vinyl chloride	75-01-4	ug/L	10/2/2009	1	n/a	ND	
GU-4	d	Xylenes, total	1330-20-7	ug/L	10/2/2009	3	n/a	ND	
GU-4BG	u	Antimony	7440-36-0	mg/L	10/2/2009	0.006	n/a	ND	
GU-4BG	u	Arsenic	7440-38-2	mg/L	10/2/2009	0.001	n/a	ND	
GU-4BG	u	Barium	7440-39-3	mg/L	10/2/2009	n/a	n/a		0.0294
GU-4BG	u	Beryllium	7440-41-7	mg/L	10/2/2009	0.001	n/a	ND	
GU-4BG	u	Cadmium	7440-43-9	mg/L	10/2/2009	0.0005	n/a	ND	
GU-4BG	u	Chromium	7440-47-3	mg/L	10/2/2009	0.02	n/a	ND	
GU-4BG	u	Cobalt	7440-48-4	mg/L	10/2/2009	0.02	n/a	ND	
GU-4BG	u	Copper	7440-50-8	mg/L	10/2/2009	0.02	n/a	ND	
GU-4BG	u	Lead	7439-92-1	mg/L	10/2/2009	0.004	n/a	ND	
GU-4BG	u	Nickel	7440-02-0	mg/L	10/2/2009	0.05	n/a	ND	
GU-4BG	u	Selenium	7782-49-2	mg/L	10/2/2009	0.005	n/a	ND	
GU-4BG	u	Silver	7440-22-4	mg/L	10/2/2009	0.02	n/a	ND	
GU-4BG	u	Thallium	7440-28-0	mg/L	10/2/2009	0.002	n/a	ND	
GU-4BG	u	Vanadium	7440-62-2	mg/L	10/2/2009	0.05	n/a	ND	
GU-4BG	u	Zinc	7440-66-6	mg/L	10/2/2009	n/a	n/a		0.228
GU-4BG	u	Acetone	67-64-1	ug/L	10/2/2009	10	n/a	ND	
GU-4BG	u	Acrylonitrile	107-13-1	ug/L	10/2/2009	10	n/a	ND	
GU-4BG	u	Benzene	71-43-2	ug/L	10/2/2009	0.5	n/a	ND	
GU-4BG	u	Bromochloromethane	74-97-5	ug/L	10/2/2009	5	n/a	ND	
GU-4BG	u	Bromodichloromethane	75-27-4	ug/L	10/2/2009	1	n/a	ND	
GU-4BG	u	Bromoform	75-25-2	ug/L	10/2/2009	5	n/a	ND	
GU-4BG	u	Carbon disulfide	75-15-0	ug/L	10/2/2009	1	n/a	ND	
GU-4BG	u	Carbon Tetrachloride	56-23-5	ug/L	10/2/2009	2	n/a	ND	
GU-4BG	u	Chlorobenzene	108-90-7	ug/L	10/2/2009	1	n/a	ND	
GU-4BG	u	Chloroethane	75-00-3	ug/L	10/2/2009	4	n/a	ND	
GU-4BG	u	Chloroform	67-66-3	ug/L	10/2/2009	1	n/a	ND	
GU-4BG	u	Chlorodibromomethane	124-48-1	ug/L	10/2/2009	5	n/a	ND	
GU-4BG	u	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	10/2/2009	0.498	n/a	ND	
GU-4BG	u	1,2-Dibromoethane [EDB]	106-93-4	ug/L	10/2/2009	0.255	n/a	ND	
GU-4BG	u	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	10/2/2009	10	n/a	ND	
GU-4BG	u	1,1-Dichloroethane	75-34-3	ug/L	10/2/2009	1	n/a	ND	
GU-4BG	u	1,2-Dichloroethane	107-06-2	ug/L	10/2/2009	1	n/a	ND	
GU-4BG	u	1,1-Dichloroethene	75-35-4	ug/L	10/2/2009	2	n/a	ND	
GU-4BG	u	cis-1,2-Dichloroethene	156-59-2	ug/L	10/2/2009	1	n/a	ND	
GU-4BG	u	trans-1,2-Dichloroethene	156-60-5	ug/L	10/2/2009	1	n/a	ND	
GU-4BG	u	1,2-Dichloropropane	78-87-5	ug/L	10/2/2009	1	n/a	ND	
GU-4BG	u	cis-1,3-Dichloropropene	10061-01-5	ug/L	10/2/2009	5	n/a	ND	
GU-4BG	u	trans-1,3-Dichloropropene	10061-02-6	ug/L	10/2/2009	5	n/a	ND	
GU-4BG	u	1,2-Dichlorobenzene	95-50-1	ug/L	10/2/2009	1	n/a	ND	
GU-4BG	u	1,4-Dichlorobenzene	106-46-7	ug/L	10/2/2009	1	n/a	ND	
GU-4BG	u	Ethylbenzene	100-41-4	ug/L	10/2/2009	1	n/a	ND	
GU-4BG	u	2-Hexanone	591-78-6	ug/L	10/2/2009	10	n/a	ND	
GU-4BG	u	Bromomethane	74-83-9	ug/L	10/2/2009	4	n/a	ND	
GU-4BG	u	Chloromethane	74-87-3	ug/L	10/2/2009	3	n/a	ND	

Table 9A
Analytical Data Summary - Phase II MSWLF
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Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
GU-4BG	u	2-Butanone	78-93-3	ug/L	10/2/2009	10	n/a	ND	
GU-4BG	u	Iodomethane	74-88-4	ug/L	10/2/2009	20	n/a	ND	
GU-4BG	u	4-Methyl-2-pentanone	108-10-1	ug/L	10/2/2009	10	n/a	ND	
GU-4BG	u	Methylene Bromide	74-95-3	ug/L	10/2/2009	1	n/a	ND	
GU-4BG	u	Methylene Chloride	75-09-2	ug/L	10/2/2009	5	n/a	ND	
GU-4BG	u	Styrene	100-42-5	ug/L	10/2/2009	1	n/a	ND	
GU-4BG	u	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	10/2/2009	1	n/a	ND	
GU-4BG	u	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	10/2/2009	1	n/a	ND	
GU-4BG	u	Tetrachloroethene	127-18-4	ug/L	10/2/2009	1	n/a	ND	
GU-4BG	u	Toluene	108-88-3	ug/L	10/2/2009	1	n/a	ND	
GU-4BG	u	1,1,1-Trichloroethane	71-55-6	ug/L	10/2/2009	1	n/a	ND	
GU-4BG	u	1,1,2-Trichloroethane	79-00-5	ug/L	10/2/2009	1	n/a	ND	
GU-4BG	u	Trichloroethene	79-01-6	ug/L	10/2/2009	1	n/a	ND	
GU-4BG	u	Trichlorofluoromethane	75-69-4	ug/L	10/2/2009	4	n/a	ND	
GU-4BG	u	1,2,3-Trichloropropane	96-18-4	ug/L	10/2/2009	1	n/a	ND	
GU-4BG	u	Vinyl acetate	108-05-4	ug/L	10/2/2009	2	n/a	ND	
GU-4BG	u	Vinyl chloride	75-01-4	ug/L	10/2/2009	1	n/a	ND	
GU-4BG	u	Xylenes, total	1330-20-7	ug/L	10/2/2009	3	n/a	ND	
GU-5	d	Antimony	7440-36-0	mg/L	10/2/2009	0.006	n/a	ND	
GU-5	d	Arsenic	7440-38-2	mg/L	10/2/2009	n/a	n/a		0.0478
GU-5	d	Barium	7440-39-3	mg/L	10/2/2009	n/a	n/a		0.253
GU-5	d	Beryllium	7440-41-7	mg/L	10/2/2009	n/a	n/a		0.0108
GU-5	d	Cadmium	7440-43-9	mg/L	10/2/2009	n/a	n/a		0.00382
GU-5	d	Chromium	7440-47-3	mg/L	10/2/2009	0.02	n/a	ND	
GU-5	d	Cobalt	7440-48-4	mg/L	10/2/2009	n/a	n/a		0.0451
GU-5	d	Copper	7440-50-8	mg/L	10/2/2009	0.02	n/a	ND	
GU-5	d	Lead	7439-92-1	mg/L	10/2/2009	n/a	n/a		0.0257
GU-5	d	Nickel	7440-02-0	mg/L	10/2/2009	n/a	n/a		0.103
GU-5	d	Selenium	7782-49-2	mg/L	10/2/2009	0.005	n/a	ND	
GU-5	d	Silver	7440-22-4	mg/L	10/2/2009	0.02	n/a	ND	
GU-5	d	Thallium	7440-28-0	mg/L	10/2/2009	0.002	n/a	ND	
GU-5	d	Vanadium	7440-62-2	mg/L	10/2/2009	n/a	n/a		0.0954
GU-5	d	Zinc	7440-66-6	mg/L	10/2/2009	n/a	n/a		0.454
GU-5	d	Acetone	67-64-1	ug/L	10/2/2009	10	n/a	ND	
GU-5	d	Acrylonitrile	107-13-1	ug/L	10/2/2009	10	n/a	ND	
GU-5	d	Benzene	71-43-2	ug/L	10/2/2009	0.5	n/a	ND	
GU-5	d	Bromochloromethane	74-97-5	ug/L	10/2/2009	5	n/a	ND	
GU-5	d	Bromodichloromethane	75-27-4	ug/L	10/2/2009	1	n/a	ND	
GU-5	d	Bromoform	75-25-2	ug/L	10/2/2009	5	n/a	ND	
GU-5	d	Carbon disulfide	75-15-0	ug/L	10/2/2009	1	n/a	ND	
GU-5	d	Carbon Tetrachloride	56-23-5	ug/L	10/2/2009	2	n/a	ND	
GU-5	d	Chlorobenzene	108-90-7	ug/L	10/2/2009	1	n/a	ND	
GU-5	d	Chloroethane	75-00-3	ug/L	10/2/2009	4	n/a	ND	
GU-5	d	Chloroform	67-66-3	ug/L	10/2/2009	1	n/a	ND	
GU-5	d	Chlorodibromomethane	124-48-1	ug/L	10/2/2009	5	n/a	ND	
GU-5	d	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	10/2/2009	0.498	n/a	ND	
GU-5	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	10/2/2009	0.255	n/a	ND	
GU-5	d	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	10/2/2009	10	n/a	ND	
GU-5	d	1,1-Dichloroethane	75-34-3	ug/L	10/2/2009	1	n/a	ND	
GU-5	d	1,2-Dichloroethane	107-06-2	ug/L	10/2/2009	1	n/a	ND	
GU-5	d	1,1-Dichloroethene	75-35-4	ug/L	10/2/2009	2	n/a	ND	
GU-5	d	cis-1,2-Dichloroethene	156-59-2	ug/L	10/2/2009	1	n/a	ND	
GU-5	d	trans-1,2-Dichloroethene	156-60-5	ug/L	10/2/2009	1	n/a	ND	
GU-5	d	1,2-Dichloropropane	78-87-5	ug/L	10/2/2009	1	n/a	ND	
GU-5	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	10/2/2009	5	n/a	ND	
GU-5	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	10/2/2009	5	n/a	ND	
GU-5	d	1,2-Dichlorobenzene	95-50-1	ug/L	10/2/2009	1	n/a	ND	
GU-5	d	1,4-Dichlorobenzene	106-46-7	ug/L	10/2/2009	1	n/a	ND	
GU-5	d	Ethylbenzene	100-41-4	ug/L	10/2/2009	1	n/a	ND	
GU-5	d	2-Hexanone	591-78-6	ug/L	10/2/2009	10	n/a	ND	
GU-5	d	Bromomethane	74-83-9	ug/L	10/2/2009	4	n/a	ND	
GU-5	d	Chloromethane	74-87-3	ug/L	10/2/2009	3	n/a	ND	
GU-5	d	2-Butanone	78-93-3	ug/L	10/2/2009	10	n/a	ND	
GU-5	d	Iodomethane	74-88-4	ug/L	10/2/2009	20	n/a	ND	
GU-5	d	4-Methyl-2-pentanone	108-10-1	ug/L	10/2/2009	10	n/a	ND	
GU-5	d	Methylene Bromide	74-95-3	ug/L	10/2/2009	1	n/a	ND	
GU-5	d	Methylene Chloride	75-09-2	ug/L	10/2/2009	5	n/a	ND	
GU-5	d	Styrene	100-42-5	ug/L	10/2/2009	1	n/a	ND	
GU-5	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	10/2/2009	1	n/a	ND	
GU-5	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	10/2/2009	1	n/a	ND	
GU-5	d	Tetrachloroethene	127-18-4	ug/L	10/2/2009	1	n/a	ND	
GU-5	d	Toluene	108-88-3	ug/L	10/2/2009	1	n/a	ND	
GU-5	d	1,1,1-Trichloroethane	71-55-6	ug/L	10/2/2009	1	n/a	ND	
GU-5	d	1,1,2-Trichloroethane	79-00-5	ug/L	10/2/2009	1	n/a	ND	
GU-5	d	Trichloroethene	79-01-6	ug/L	10/2/2009	1	n/a	ND	

Table 9A
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Phase II MSWLF and CWTS
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Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
GU-5	d	Trichlorofluoromethane	75-69-4	ug/L	10/2/2009	4	n/a	ND	
GU-5	d	1,2,3-Trichloropropane	96-18-4	ug/L	10/2/2009	1	n/a	ND	
GU-5	d	Vinyl acetate	108-05-4	ug/L	10/2/2009	2	n/a	ND	
GU-5	d	Vinyl chloride	75-01-4	ug/L	10/2/2009	1	n/a	ND	
GU-5	d	Xylenes, total	1330-20-7	ug/L	10/2/2009	3	n/a	ND	
GU-5BG	u	Antimony	7440-36-0	mg/L	10/2/2009	0.006	n/a	ND	
GU-5BG	u	Arsenic	7440-38-2	mg/L	10/2/2009	n/a	n/a		0.0478
GU-5BG	u	Barium	7440-39-3	mg/L	10/2/2009	n/a	n/a		0.253
GU-5BG	u	Beryllium	7440-41-7	mg/L	10/2/2009	n/a	n/a		0.0108
GU-5BG	u	Cadmium	7440-43-9	mg/L	10/2/2009	n/a	n/a		0.00382
GU-5BG	u	Chromium	7440-47-3	mg/L	10/2/2009	0.02	n/a	ND	
GU-5BG	u	Cobalt	7440-48-4	mg/L	10/2/2009	n/a	n/a		0.0451
GU-5BG	u	Copper	7440-50-8	mg/L	10/2/2009	0.02	n/a	ND	
GU-5BG	u	Lead	7439-92-1	mg/L	10/2/2009	n/a	n/a		0.0257
GU-5BG	u	Nickel	7440-02-0	mg/L	10/2/2009	n/a	n/a		0.103
GU-5BG	u	Selenium	7782-49-2	mg/L	10/2/2009	0.005	n/a	ND	
GU-5BG	u	Silver	7440-22-4	mg/L	10/2/2009	0.02	n/a	ND	
GU-5BG	u	Thallium	7440-28-0	mg/L	10/2/2009	0.002	n/a	ND	
GU-5BG	u	Vanadium	7440-62-2	mg/L	10/2/2009	n/a	n/a		0.0954
GU-5BG	u	Zinc	7440-66-6	mg/L	10/2/2009	n/a	n/a		0.454
GU-5BG	u	Acetone	67-64-1	ug/L	10/2/2009	10	n/a	ND	
GU-5BG	u	Acrylonitrile	107-13-1	ug/L	10/2/2009	10	n/a	ND	
GU-5BG	u	Benzene	71-43-2	ug/L	10/2/2009	0.5	n/a	ND	
GU-5BG	u	Bromochloromethane	74-97-5	ug/L	10/2/2009	5	n/a	ND	
GU-5BG	u	Bromodichloromethane	75-27-4	ug/L	10/2/2009	1	n/a	ND	
GU-5BG	u	Bromoform	75-25-2	ug/L	10/2/2009	5	n/a	ND	
GU-5BG	u	Carbon disulfide	75-15-0	ug/L	10/2/2009	1	n/a	ND	
GU-5BG	u	Carbon Tetrachloride	56-23-5	ug/L	10/2/2009	2	n/a	ND	
GU-5BG	u	Chlorobenzene	108-90-7	ug/L	10/2/2009	1	n/a	ND	
GU-5BG	u	Chloroethane	75-00-3	ug/L	10/2/2009	4	n/a	ND	
GU-5BG	u	Chloroform	67-66-3	ug/L	10/2/2009	1	n/a	ND	
GU-5BG	u	Chlorodibromomethane	124-48-1	ug/L	10/2/2009	5	n/a	ND	
GU-5BG	u	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	10/2/2009	0.498	n/a	ND	
GU-5BG	u	1,2-Dibromoethane [EDB]	106-93-4	ug/L	10/2/2009	0.255	n/a	ND	
GU-5BG	u	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	10/2/2009	10	n/a	ND	
GU-5BG	u	1,1-Dichloroethane	75-34-3	ug/L	10/2/2009	1	n/a	ND	
GU-5BG	u	1,2-Dichloroethane	107-06-2	ug/L	10/2/2009	1	n/a	ND	
GU-5BG	u	1,1-Dichloroethene	75-35-4	ug/L	10/2/2009	2	n/a	ND	
GU-5BG	u	cis-1,2-Dichloroethene	156-59-2	ug/L	10/2/2009	1	n/a	ND	
GU-5BG	u	trans-1,2-Dichloroethene	156-60-5	ug/L	10/2/2009	1	n/a	ND	
GU-5BG	u	1,2-Dichloropropane	78-87-5	ug/L	10/2/2009	1	n/a	ND	
GU-5BG	u	cis-1,3-Dichloropropene	10061-01-5	ug/L	10/2/2009	5	n/a	ND	
GU-5BG	u	trans-1,3-Dichloropropene	10061-02-6	ug/L	10/2/2009	5	n/a	ND	
GU-5BG	u	1,2-Dichlorobenzene	95-50-1	ug/L	10/2/2009	1	n/a	ND	
GU-5BG	u	1,4-Dichlorobenzene	106-46-7	ug/L	10/2/2009	1	n/a	ND	
GU-5BG	u	Ethylbenzene	100-41-4	ug/L	10/2/2009	1	n/a	ND	
GU-5BG	u	2-Hexanone	591-78-6	ug/L	10/2/2009	10	n/a	ND	
GU-5BG	u	Bromomethane	74-83-9	ug/L	10/2/2009	4	n/a	ND	
GU-5BG	u	Chloromethane	74-87-3	ug/L	10/2/2009	3	n/a	ND	
GU-5BG	u	2-Butanone	78-93-3	ug/L	10/2/2009	10	n/a	ND	
GU-5BG	u	Iodomethane	74-88-4	ug/L	10/2/2009	20	n/a	ND	
GU-5BG	u	4-Methyl-2-pentanone	108-10-1	ug/L	10/2/2009	10	n/a	ND	
GU-5BG	u	Methylene Bromide	74-95-3	ug/L	10/2/2009	1	n/a	ND	
GU-5BG	u	Methylene Chloride	75-09-2	ug/L	10/2/2009	5	n/a	ND	
GU-5BG	u	Styrene	100-42-5	ug/L	10/2/2009	1	n/a	ND	
GU-5BG	u	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	10/2/2009	1	n/a	ND	
GU-5BG	u	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	10/2/2009	1	n/a	ND	
GU-5BG	u	Tetrachloroethene	127-18-4	ug/L	10/2/2009	1	n/a	ND	
GU-5BG	u	Toluene	108-88-3	ug/L	10/2/2009	1	n/a	ND	
GU-5BG	u	1,1,1-Trichloroethane	71-55-6	ug/L	10/2/2009	1	n/a	ND	
GU-5BG	u	1,1,2-Trichloroethane	79-00-5	ug/L	10/2/2009	1	n/a	ND	
GU-5BG	u	Trichloroethene	79-01-6	ug/L	10/2/2009	1	n/a	ND	
GU-5BG	u	Trichlorofluoromethane	75-69-4	ug/L	10/2/2009	4	n/a	ND	
GU-5BG	u	1,2,3-Trichloropropane	96-18-4	ug/L	10/2/2009	1	n/a	ND	
GU-5BG	u	Vinyl acetate	108-05-4	ug/L	10/2/2009	2	n/a	ND	
GU-5BG	u	Vinyl chloride	75-01-4	ug/L	10/2/2009	1	n/a	ND	
GU-5BG	u	Xylenes, total	1330-20-7	ug/L	10/2/2009	3	n/a	ND	
GU-3	d	Antimony	7440-36-0	mg/L	10/19/2009	0.006	n/a	ND	
GU-3	d	Arsenic	7440-38-2	mg/L	10/19/2009	0.001	n/a	ND	
GU-3	d	Barium	7440-39-3	mg/L	10/19/2009	n/a	n/a		0.162
GU-3	d	Beryllium	7440-41-7	mg/L	10/19/2009	0.001	n/a	ND	
GU-3	d	Cadmium	7440-43-9	mg/L	10/19/2009	0.0005	n/a	ND	
GU-3	d	Chromium	7440-47-3	mg/L	10/19/2009	0.02	n/a	ND	
GU-3	d	Cobalt	7440-48-4	mg/L	10/19/2009	0.02	n/a	ND	
GU-3	d	Copper	7440-50-8	mg/L	10/19/2009	0.02	n/a	ND	

Table 9A
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Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
GU-3	d	Lead	7439-92-1	mg/L	10/19/2009	0.004	n/a	ND	
GU-3	d	Nickel	7440-02-0	mg/L	10/19/2009	0.05	n/a	ND	
GU-3	d	Selenium	7782-49-2	mg/L	10/19/2009	0.005	n/a	ND	
GU-3	d	Silver	7440-22-4	mg/L	10/19/2009	0.02	n/a	ND	
GU-3	d	Thallium	7440-28-0	mg/L	10/19/2009	0.002	n/a	ND	
GU-3	d	Vanadium	7440-62-2	mg/L	10/19/2009	0.05	n/a	ND	
GU-3	d	Zinc	7440-66-6	mg/L	10/19/2009	n/a	n/a		0.0521
GU-3	d	Acetone	67-64-1	ug/L	10/19/2009	10	n/a	ND	
GU-3	d	Acrylonitrile	107-13-1	ug/L	10/19/2009	10	n/a	ND	
GU-3	d	Benzene	71-43-2	ug/L	10/19/2009	0.5	n/a	ND	
GU-3	d	Bromochloromethane	74-97-5	ug/L	10/19/2009	5	n/a	ND	
GU-3	d	Bromodichloromethane	75-27-4	ug/L	10/19/2009	2	n/a	ND	
GU-3	d	Bromoform	75-25-2	ug/L	10/19/2009	50	n/a	ND	
GU-3	d	Carbon disulfide	75-15-0	ug/L	10/19/2009	2	n/a	ND	
GU-3	d	Carbon Tetrachloride	56-23-5	ug/L	10/19/2009	2	n/a	ND	
GU-3	d	Chlorobenzene	108-90-7	ug/L	10/19/2009	1	n/a	ND	
GU-3	d	Chloroethane	75-00-3	ug/L	10/19/2009	4	n/a	ND	
GU-3	d	Chloroform	67-66-3	ug/L	10/19/2009	1	n/a	ND	
GU-3	d	Chlorodibromomethane	124-48-1	ug/L	10/19/2009	5	n/a	ND	
GU-3	d	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	10/19/2009	20	n/a	ND	
GU-3	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	10/19/2009	10	n/a	ND	
GU-3	d	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	10/19/2009	20	n/a	ND	
GU-3	d	1,1-Dichloroethane	75-34-3	ug/L	10/19/2009	1	n/a	ND	
GU-3	d	1,2-Dichloroethane	107-06-2	ug/L	10/19/2009	1	n/a	ND	
GU-3	d	1,1-Dichloroethene	75-35-4	ug/L	10/19/2009	2	n/a	ND	
GU-3	d	cis-1,2-Dichloroethene	156-59-2	ug/L	10/19/2009	1	n/a	ND	
GU-3	d	trans-1,2-Dichloroethene	156-60-5	ug/L	10/19/2009	1	n/a	ND	
GU-3	d	1,2-Dichloropropane	78-87-5	ug/L	10/19/2009	2	n/a	ND	
GU-3	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	10/19/2009	5	n/a	ND	
GU-3	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	10/19/2009	5	n/a	ND	
GU-3	d	1,2-Dichlorobenzene	95-50-1	ug/L	10/19/2009	1	n/a	ND	
GU-3	d	1,4-Dichlorobenzene	106-46-7	ug/L	10/19/2009	1	n/a	ND	
GU-3	d	Ethylbenzene	100-41-4	ug/L	10/19/2009	1	n/a	ND	
GU-3	d	2-Hexanone	591-78-6	ug/L	10/19/2009	10	n/a	ND	
GU-3	d	Bromomethane	74-83-9	ug/L	10/19/2009	10	n/a	ND	
GU-3	d	Chloromethane	74-87-3	ug/L	10/19/2009	3	n/a	ND	
GU-3	d	2-Butanone	78-93-3	ug/L	10/19/2009	10	n/a	ND	
GU-3	d	Iodomethane	74-88-4	ug/L	10/19/2009	10	n/a	ND	
GU-3	d	4-Methyl-2-pentanone	108-10-1	ug/L	10/19/2009	10	n/a	ND	
GU-3	d	Methylene Bromide	74-95-3	ug/L	10/19/2009	1	n/a	ND	
GU-3	d	Methylene Chloride	75-09-2	ug/L	10/19/2009	5	n/a	ND	
GU-3	d	Styrene	100-42-5	ug/L	10/19/2009	2	n/a	ND	
GU-3	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	10/19/2009	2	n/a	ND	
GU-3	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	10/19/2009	1	n/a	ND	
GU-3	d	Tetrachloroethene	127-18-4	ug/L	10/19/2009	1	n/a	ND	
GU-3	d	Toluene	108-88-3	ug/L	10/19/2009	1	n/a	ND	
GU-3	d	1,1,1-Trichloroethane	71-55-6	ug/L	10/19/2009	1	n/a	ND	
GU-3	d	1,1,2-Trichloroethane	79-00-5	ug/L	10/19/2009	1	n/a	ND	
GU-3	d	Trichloroethene	79-01-6	ug/L	10/19/2009	1	n/a	ND	
GU-3	d	Trichlorofluoromethane	75-69-4	ug/L	10/19/2009	4	n/a	ND	
GU-3	d	1,2,3-Trichloropropane	96-18-4	ug/L	10/19/2009	1	n/a	ND	
GU-3	d	Vinyl acetate	108-05-4	ug/L	10/19/2009	5	n/a	ND	
GU-3	d	Vinyl chloride	75-01-4	ug/L	10/19/2009	1	n/a	ND	
GU-3	d	Xylenes, total	1330-20-7	ug/L	10/19/2009	4	n/a	ND	
GU-3BG	u	Antimony	7440-36-0	mg/L	10/19/2009	0.006	n/a	ND	
GU-3BG	u	Arsenic	7440-38-2	mg/L	10/19/2009	0.001	n/a	ND	
GU-3BG	u	Barium	7440-39-3	mg/L	10/19/2009	n/a	n/a		0.162
GU-3BG	u	Beryllium	7440-41-7	mg/L	10/19/2009	0.001	n/a	ND	
GU-3BG	u	Cadmium	7440-43-9	mg/L	10/19/2009	0.0005	n/a	ND	
GU-3BG	u	Chromium	7440-47-3	mg/L	10/19/2009	0.02	n/a	ND	
GU-3BG	u	Cobalt	7440-48-4	mg/L	10/19/2009	0.02	n/a	ND	
GU-3BG	u	Copper	7440-50-8	mg/L	10/19/2009	0.02	n/a	ND	
GU-3BG	u	Lead	7439-92-1	mg/L	10/19/2009	0.004	n/a	ND	
GU-3BG	u	Nickel	7440-02-0	mg/L	10/19/2009	0.05	n/a	ND	
GU-3BG	u	Selenium	7782-49-2	mg/L	10/19/2009	0.005	n/a	ND	
GU-3BG	u	Silver	7440-22-4	mg/L	10/19/2009	0.02	n/a	ND	
GU-3BG	u	Thallium	7440-28-0	mg/L	10/19/2009	0.002	n/a	ND	
GU-3BG	u	Vanadium	7440-62-2	mg/L	10/19/2009	0.05	n/a	ND	
GU-3BG	u	Zinc	7440-66-6	mg/L	10/19/2009	n/a	n/a		0.0521
GU-3BG	u	Acetone	67-64-1	ug/L	10/19/2009	10	n/a	ND	
GU-3BG	u	Acrylonitrile	107-13-1	ug/L	10/19/2009	10	n/a	ND	
GU-3BG	u	Benzene	71-43-2	ug/L	10/19/2009	0.5	n/a	ND	
GU-3BG	u	Bromochloromethane	74-97-5	ug/L	10/19/2009	5	n/a	ND	
GU-3BG	u	Bromodichloromethane	75-27-4	ug/L	10/19/2009	2	n/a	ND	
GU-3BG	u	Bromoform	75-25-2	ug/L	10/19/2009	50	n/a	ND	

Table 9A
Analytical Data Summary - Phase II MSWLF
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Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
GU-3BG	u	Carbon disulfide	75-15-0	ug/L	10/19/2009	2	n/a	ND	
GU-3BG	u	Carbon Tetrachloride	56-23-5	ug/L	10/19/2009	2	n/a	ND	
GU-3BG	u	Chlorobenzene	108-90-7	ug/L	10/19/2009	1	n/a	ND	
GU-3BG	u	Chloroethane	75-00-3	ug/L	10/19/2009	4	n/a	ND	
GU-3BG	u	Chloroform	67-66-3	ug/L	10/19/2009	1	n/a	ND	
GU-3BG	u	Chlorodibromomethane	124-48-1	ug/L	10/19/2009	5	n/a	ND	
GU-3BG	u	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	10/19/2009	20	n/a	ND	
GU-3BG	u	1,2-Dibromoethane [EDB]	106-93-4	ug/L	10/19/2009	10	n/a	ND	
GU-3BG	u	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	10/19/2009	20	n/a	ND	
GU-3BG	u	1,1-Dichloroethane	75-34-3	ug/L	10/19/2009	1	n/a	ND	
GU-3BG	u	1,2-Dichloroethane	107-06-2	ug/L	10/19/2009	1	n/a	ND	
GU-3BG	u	1,1-Dichloroethene	75-35-4	ug/L	10/19/2009	2	n/a	ND	
GU-3BG	u	cis-1,2-Dichloroethene	156-59-2	ug/L	10/19/2009	1	n/a	ND	
GU-3BG	u	trans-1,2-Dichloroethene	156-60-5	ug/L	10/19/2009	1	n/a	ND	
GU-3BG	u	1,2-Dichloropropane	78-87-5	ug/L	10/19/2009	2	n/a	ND	
GU-3BG	u	cis-1,3-Dichloropropene	10061-01-5	ug/L	10/19/2009	5	n/a	ND	
GU-3BG	u	trans-1,3-Dichloropropene	10061-02-6	ug/L	10/19/2009	5	n/a	ND	
GU-3BG	u	1,2-Dichlorobenzene	95-50-1	ug/L	10/19/2009	1	n/a	ND	
GU-3BG	u	1,4-Dichlorobenzene	106-46-7	ug/L	10/19/2009	1	n/a	ND	
GU-3BG	u	Ethylbenzene	100-41-4	ug/L	10/19/2009	1	n/a	ND	
GU-3BG	u	2-Hexanone	591-78-6	ug/L	10/19/2009	10	n/a	ND	
GU-3BG	u	Bromomethane	74-83-9	ug/L	10/19/2009	10	n/a	ND	
GU-3BG	u	Chloromethane	74-87-3	ug/L	10/19/2009	3	n/a	ND	
GU-3BG	u	2-Butanone	78-93-3	ug/L	10/19/2009	10	n/a	ND	
GU-3BG	u	Iodomethane	74-88-4	ug/L	10/19/2009	10	n/a	ND	
GU-3BG	u	4-Methyl-2-pentanone	108-10-1	ug/L	10/19/2009	10	n/a	ND	
GU-3BG	u	Methylene Bromide	74-95-3	ug/L	10/19/2009	1	n/a	ND	
GU-3BG	u	Methylene Chloride	75-09-2	ug/L	10/19/2009	5	n/a	ND	
GU-3BG	u	Styrene	100-42-5	ug/L	10/19/2009	2	n/a	ND	
GU-3BG	u	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	10/19/2009	2	n/a	ND	
GU-3BG	u	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	10/19/2009	1	n/a	ND	
GU-3BG	u	Tetrachloroethene	127-18-4	ug/L	10/19/2009	1	n/a	ND	
GU-3BG	u	Toluene	108-88-3	ug/L	10/19/2009	1	n/a	ND	
GU-3BG	u	1,1,1-Trichloroethane	71-55-6	ug/L	10/19/2009	1	n/a	ND	
GU-3BG	u	1,1,2-Trichloroethane	79-00-5	ug/L	10/19/2009	1	n/a	ND	
GU-3BG	u	Trichloroethene	79-01-6	ug/L	10/19/2009	1	n/a	ND	
GU-3BG	u	Trichlorofluoromethane	75-69-4	ug/L	10/19/2009	4	n/a	ND	
GU-3BG	u	1,2,3-Trichloropropane	96-18-4	ug/L	10/19/2009	1	n/a	ND	
GU-3BG	u	Vinyl acetate	108-05-4	ug/L	10/19/2009	5	n/a	ND	
GU-3BG	u	Vinyl chloride	75-01-4	ug/L	10/19/2009	1	n/a	ND	
GU-3BG	u	Xylenes, total	1330-20-7	ug/L	10/19/2009	4	n/a	ND	
GU-4	d	Antimony	7440-36-0	mg/L	10/19/2009	0.006	n/a	ND	
GU-4	d	Arsenic	7440-38-2	mg/L	10/19/2009	0.004	n/a	ND	
GU-4	d	Barium	7440-39-3	mg/L	10/19/2009	n/a	n/a		0.0233
GU-4	d	Beryllium	7440-41-7	mg/L	10/19/2009	0.001	n/a	ND	
GU-4	d	Cadmium	7440-43-9	mg/L	10/19/2009	n/a	n/a		0.00216
GU-4	d	Chromium	7440-47-3	mg/L	10/19/2009	0.02	n/a	ND	
GU-4	d	Cobalt	7440-48-4	mg/L	10/19/2009	0.02	n/a	ND	
GU-4	d	Copper	7440-50-8	mg/L	10/19/2009	0.02	n/a	ND	
GU-4	d	Lead	7439-92-1	mg/L	10/19/2009	0.004	n/a	ND	
GU-4	d	Nickel	7440-02-0	mg/L	10/19/2009	0.05	n/a	ND	
GU-4	d	Selenium	7782-49-2	mg/L	10/19/2009	0.005	n/a	ND	
GU-4	d	Silver	7440-22-4	mg/L	10/19/2009	0.02	n/a	ND	
GU-4	d	Thallium	7440-28-0	mg/L	10/19/2009	0.002	n/a	ND	
GU-4	d	Vanadium	7440-62-2	mg/L	10/19/2009	0.05	n/a	ND	
GU-4	d	Zinc	7440-66-6	mg/L	10/19/2009	n/a	n/a		0.189
GU-4	d	Acetone	67-64-1	ug/L	10/19/2009	10	n/a	ND	
GU-4	d	Acrylonitrile	107-13-1	ug/L	10/19/2009	10	n/a	ND	
GU-4	d	Benzene	71-43-2	ug/L	10/19/2009	0.5	n/a	ND	
GU-4	d	Bromochloromethane	74-97-5	ug/L	10/19/2009	5	n/a	ND	
GU-4	d	Bromodichloromethane	75-27-4	ug/L	10/19/2009	2	n/a	ND	
GU-4	d	Bromoform	75-25-2	ug/L	10/19/2009	50	n/a	ND	
GU-4	d	Carbon disulfide	75-15-0	ug/L	10/19/2009	2	n/a	ND	
GU-4	d	Carbon Tetrachloride	56-23-5	ug/L	10/19/2009	2	n/a	ND	
GU-4	d	Chlorobenzene	108-90-7	ug/L	10/19/2009	1	n/a	ND	
GU-4	d	Chloroethane	75-00-3	ug/L	10/19/2009	4	n/a	ND	
GU-4	d	Chloroform	67-66-3	ug/L	10/19/2009	1	n/a	ND	
GU-4	d	Chlorodibromomethane	124-48-1	ug/L	10/19/2009	5	n/a	ND	
GU-4	d	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	10/19/2009	20	n/a	ND	
GU-4	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	10/19/2009	10	n/a	ND	
GU-4	d	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	10/19/2009	20	n/a	ND	
GU-4	d	1,1-Dichloroethane	75-34-3	ug/L	10/19/2009	1	n/a	ND	
GU-4	d	1,2-Dichloroethane	107-06-2	ug/L	10/19/2009	1	n/a	ND	
GU-4	d	1,1-Dichloroethene	75-35-4	ug/L	10/19/2009	2	n/a	ND	
GU-4	d	cis-1,2-Dichloroethene	156-59-2	ug/L	10/19/2009	1	n/a	ND	

Table 9A
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Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
GU-4	d	trans-1,2-Dichloroethene	156-60-5	ug/L	10/19/2009	1	n/a	ND	
GU-4	d	1,2-Dichloropropane	78-87-5	ug/L	10/19/2009	2	n/a	ND	
GU-4	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	10/19/2009	5	n/a	ND	
GU-4	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	10/19/2009	5	n/a	ND	
GU-4	d	1,2-Dichlorobenzene	95-50-1	ug/L	10/19/2009	1	n/a	ND	
GU-4	d	1,4-Dichlorobenzene	106-46-7	ug/L	10/19/2009	1	n/a	ND	
GU-4	d	Ethylbenzene	100-41-4	ug/L	10/19/2009	1	n/a	ND	
GU-4	d	2-Hexanone	591-78-6	ug/L	10/19/2009	10	n/a	ND	
GU-4	d	Bromomethane	74-83-9	ug/L	10/19/2009	10	n/a	ND	
GU-4	d	Chloromethane	74-87-3	ug/L	10/19/2009	3	n/a	ND	
GU-4	d	2-Butanone	78-93-3	ug/L	10/19/2009	10	n/a	ND	
GU-4	d	Iodomethane	74-88-4	ug/L	10/19/2009	10	n/a	ND	
GU-4	d	4-Methyl-2-pentanone	108-10-1	ug/L	10/19/2009	10	n/a	ND	
GU-4	d	Methylene Bromide	74-95-3	ug/L	10/19/2009	1	n/a	ND	
GU-4	d	Methylene Chloride	75-09-2	ug/L	10/19/2009	5	n/a	ND	
GU-4	d	Styrene	100-42-5	ug/L	10/19/2009	2	n/a	ND	
GU-4	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	10/19/2009	2	n/a	ND	
GU-4	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	10/19/2009	1	n/a	ND	
GU-4	d	Tetrachloroethene	127-18-4	ug/L	10/19/2009	1	n/a	ND	
GU-4	d	Toluene	108-88-3	ug/L	10/19/2009	1	n/a	ND	
GU-4	d	1,1,1-Trichloroethane	71-55-6	ug/L	10/19/2009	1	n/a	ND	
GU-4	d	1,1,2-Trichloroethane	79-00-5	ug/L	10/19/2009	1	n/a	ND	
GU-4	d	Trichloroethene	79-01-6	ug/L	10/19/2009	1	n/a	ND	
GU-4	d	Trichlorofluoromethane	75-69-4	ug/L	10/19/2009	4	n/a	ND	
GU-4	d	1,2,3-Trichloropropane	96-18-4	ug/L	10/19/2009	1	n/a	ND	
GU-4	d	Vinyl acetate	108-05-4	ug/L	10/19/2009	5	n/a	ND	
GU-4	d	Vinyl chloride	75-01-4	ug/L	10/19/2009	1	n/a	ND	
GU-4	d	Xylenes, total	1330-20-7	ug/L	10/19/2009	4	n/a	ND	
GU-4BG	u	Antimony	7440-36-0	mg/L	10/19/2009	0.006	n/a	ND	
GU-4BG	u	Arsenic	7440-38-2	mg/L	10/19/2009	0.004	n/a	ND	
GU-4BG	u	Barium	7440-39-3	mg/L	10/19/2009	n/a	n/a		0.0233
GU-4BG	u	Beryllium	7440-41-7	mg/L	10/19/2009	0.001	n/a	ND	
GU-4BG	u	Cadmium	7440-43-9	mg/L	10/19/2009	n/a	n/a		0.00216
GU-4BG	u	Chromium	7440-47-3	mg/L	10/19/2009	0.02	n/a	ND	
GU-4BG	u	Cobalt	7440-48-4	mg/L	10/19/2009	0.02	n/a	ND	
GU-4BG	u	Copper	7440-50-8	mg/L	10/19/2009	0.02	n/a	ND	
GU-4BG	u	Lead	7439-92-1	mg/L	10/19/2009	0.004	n/a	ND	
GU-4BG	u	Nickel	7440-02-0	mg/L	10/19/2009	0.05	n/a	ND	
GU-4BG	u	Selenium	7782-49-2	mg/L	10/19/2009	0.005	n/a	ND	
GU-4BG	u	Silver	7440-22-4	mg/L	10/19/2009	0.02	n/a	ND	
GU-4BG	u	Thallium	7440-28-0	mg/L	10/19/2009	0.002	n/a	ND	
GU-4BG	u	Vanadium	7440-62-2	mg/L	10/19/2009	0.05	n/a	ND	
GU-4BG	u	Zinc	7440-66-6	mg/L	10/19/2009	n/a	n/a		0.189
GU-4BG	u	Acetone	67-64-1	ug/L	10/19/2009	10	n/a	ND	
GU-4BG	u	Acrylonitrile	107-13-1	ug/L	10/19/2009	10	n/a	ND	
GU-4BG	u	Benzene	71-43-2	ug/L	10/19/2009	0.5	n/a	ND	
GU-4BG	u	Bromochloromethane	74-97-5	ug/L	10/19/2009	5	n/a	ND	
GU-4BG	u	Bromodichloromethane	75-27-4	ug/L	10/19/2009	2	n/a	ND	
GU-4BG	u	Bromoform	75-25-2	ug/L	10/19/2009	50	n/a	ND	
GU-4BG	u	Carbon disulfide	75-15-0	ug/L	10/19/2009	2	n/a	ND	
GU-4BG	u	Carbon Tetrachloride	56-23-5	ug/L	10/19/2009	2	n/a	ND	
GU-4BG	u	Chlorobenzene	108-90-7	ug/L	10/19/2009	1	n/a	ND	
GU-4BG	u	Chloroethane	75-00-3	ug/L	10/19/2009	4	n/a	ND	
GU-4BG	u	Chloroform	67-66-3	ug/L	10/19/2009	1	n/a	ND	
GU-4BG	u	Chlorodibromomethane	124-48-1	ug/L	10/19/2009	5	n/a	ND	
GU-4BG	u	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	10/19/2009	20	n/a	ND	
GU-4BG	u	1,2-Dibromoethane [EDB]	106-93-4	ug/L	10/19/2009	10	n/a	ND	
GU-4BG	u	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	10/19/2009	20	n/a	ND	
GU-4BG	u	1,1-Dichloroethane	75-34-3	ug/L	10/19/2009	1	n/a	ND	
GU-4BG	u	1,2-Dichloroethane	107-06-2	ug/L	10/19/2009	1	n/a	ND	
GU-4BG	u	1,1-Dichloroethene	75-35-4	ug/L	10/19/2009	2	n/a	ND	
GU-4BG	u	cis-1,2-Dichloroethene	156-59-2	ug/L	10/19/2009	1	n/a	ND	
GU-4BG	u	trans-1,2-Dichloroethene	156-60-5	ug/L	10/19/2009	1	n/a	ND	
GU-4BG	u	1,2-Dichloropropane	78-87-5	ug/L	10/19/2009	2	n/a	ND	
GU-4BG	u	cis-1,3-Dichloropropene	10061-01-5	ug/L	10/19/2009	5	n/a	ND	
GU-4BG	u	trans-1,3-Dichloropropene	10061-02-6	ug/L	10/19/2009	5	n/a	ND	
GU-4BG	u	1,2-Dichlorobenzene	95-50-1	ug/L	10/19/2009	1	n/a	ND	
GU-4BG	u	1,4-Dichlorobenzene	106-46-7	ug/L	10/19/2009	1	n/a	ND	
GU-4BG	u	Ethylbenzene	100-41-4	ug/L	10/19/2009	1	n/a	ND	
GU-4BG	u	2-Hexanone	591-78-6	ug/L	10/19/2009	10	n/a	ND	
GU-4BG	u	Bromomethane	74-83-9	ug/L	10/19/2009	10	n/a	ND	
GU-4BG	u	Chloromethane	74-87-3	ug/L	10/19/2009	3	n/a	ND	
GU-4BG	u	2-Butanone	78-93-3	ug/L	10/19/2009	10	n/a	ND	
GU-4BG	u	Iodomethane	74-88-4	ug/L	10/19/2009	10	n/a	ND	
GU-4BG	u	4-Methyl-2-pentanone	108-10-1	ug/L	10/19/2009	10	n/a	ND	

Table 9A
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Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
GU-4BG	u	Methylene Bromide	74-95-3	ug/L	10/19/2009	1	n/a	ND	
GU-4BG	u	Methylene Chloride	75-09-2	ug/L	10/19/2009	5	n/a	ND	
GU-4BG	u	Styrene	100-42-5	ug/L	10/19/2009	2	n/a	ND	
GU-4BG	u	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	10/19/2009	2	n/a	ND	
GU-4BG	u	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	10/19/2009	1	n/a	ND	
GU-4BG	u	Tetrachloroethene	127-18-4	ug/L	10/19/2009	1	n/a	ND	
GU-4BG	u	Toluene	108-88-3	ug/L	10/19/2009	1	n/a	ND	
GU-4BG	u	1,1,1-Trichloroethane	71-55-6	ug/L	10/19/2009	1	n/a	ND	
GU-4BG	u	1,1,2-Trichloroethane	79-00-5	ug/L	10/19/2009	1	n/a	ND	
GU-4BG	u	Trichloroethene	79-01-6	ug/L	10/19/2009	1	n/a	ND	
GU-4BG	u	Trichlorofluoromethane	75-69-4	ug/L	10/19/2009	4	n/a	ND	
GU-4BG	u	1,2,3-Trichloropropane	96-18-4	ug/L	10/19/2009	1	n/a	ND	
GU-4BG	u	Vinyl acetate	108-05-4	ug/L	10/19/2009	5	n/a	ND	
GU-4BG	u	Vinyl chloride	75-01-4	ug/L	10/19/2009	1	n/a	ND	
GU-4BG	u	Xylenes, total	1330-20-7	ug/L	10/19/2009	4	n/a	ND	
GU-5	d	Antimony	7440-36-0	mg/L	10/19/2009	0.006	n/a	ND	
GU-5	d	Arsenic	7440-38-2	mg/L	10/19/2009	n/a	n/a		0.00616
GU-5	d	Barium	7440-39-3	mg/L	10/19/2009	n/a	n/a		0.276
GU-5	d	Beryllium	7440-41-7	mg/L	10/19/2009	0.001	n/a	ND	
GU-5	d	Cadmium	7440-43-9	mg/L	10/19/2009	0.0005	n/a	ND	
GU-5	d	Chromium	7440-47-3	mg/L	10/19/2009	0.02	n/a	ND	
GU-5	d	Cobalt	7440-48-4	mg/L	10/19/2009	0.02	n/a	ND	
GU-5	d	Copper	7440-50-8	mg/L	10/19/2009	0.02	n/a	ND	
GU-5	d	Lead	7439-92-1	mg/L	10/19/2009	0.004	n/a	ND	
GU-5	d	Nickel	7440-02-0	mg/L	10/19/2009	0.05	n/a	ND	
GU-5	d	Selenium	7782-49-2	mg/L	10/19/2009	0.005	n/a	ND	
GU-5	d	Silver	7440-22-4	mg/L	10/19/2009	0.02	n/a	ND	
GU-5	d	Thallium	7440-28-0	mg/L	10/19/2009	0.002	n/a	ND	
GU-5	d	Vanadium	7440-62-2	mg/L	10/19/2009	0.05	n/a	ND	
GU-5	d	Zinc	7440-66-6	mg/L	10/19/2009	n/a	n/a		0.0452
GU-5	d	Acetone	67-64-1	ug/L	10/19/2009	10	n/a	ND	
GU-5	d	Acrylonitrile	107-13-1	ug/L	10/19/2009	10	n/a	ND	
GU-5	d	Benzene	71-43-2	ug/L	10/19/2009	0.5	n/a	ND	
GU-5	d	Bromochloromethane	74-97-5	ug/L	10/19/2009	5	n/a	ND	
GU-5	d	Bromodichloromethane	75-27-4	ug/L	10/19/2009	2	n/a	ND	
GU-5	d	Bromoform	75-25-2	ug/L	10/19/2009	50	n/a	ND	
GU-5	d	Carbon disulfide	75-15-0	ug/L	10/19/2009	2	n/a	ND	
GU-5	d	Carbon Tetrachloride	56-23-5	ug/L	10/19/2009	2	n/a	ND	
GU-5	d	Chlorobenzene	108-90-7	ug/L	10/19/2009	1	n/a	ND	
GU-5	d	Chloroethane	75-00-3	ug/L	10/19/2009	4	n/a	ND	
GU-5	d	Chloroform	67-66-3	ug/L	10/19/2009	1	n/a	ND	
GU-5	d	Chlorodibromomethane	124-48-1	ug/L	10/19/2009	5	n/a	ND	
GU-5	d	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	10/19/2009	20	n/a	ND	
GU-5	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	10/19/2009	10	n/a	ND	
GU-5	d	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	10/19/2009	20	n/a	ND	
GU-5	d	1,1-Dichloroethane	75-34-3	ug/L	10/19/2009	1	n/a	ND	
GU-5	d	1,2-Dichloroethane	107-06-2	ug/L	10/19/2009	1	n/a	ND	
GU-5	d	1,1-Dichloroethene	75-35-4	ug/L	10/19/2009	2	n/a	ND	
GU-5	d	cis-1,2-Dichloroethene	156-59-2	ug/L	10/19/2009	1	n/a	ND	
GU-5	d	trans-1,2-Dichloroethene	156-60-5	ug/L	10/19/2009	1	n/a	ND	
GU-5	d	1,2-Dichloropropane	78-87-5	ug/L	10/19/2009	2	n/a	ND	
GU-5	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	10/19/2009	5	n/a	ND	
GU-5	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	10/19/2009	5	n/a	ND	
GU-5	d	1,2-Dichlorobenzene	95-50-1	ug/L	10/19/2009	1	n/a	ND	
GU-5	d	1,4-Dichlorobenzene	106-46-7	ug/L	10/19/2009	1	n/a	ND	
GU-5	d	Ethylbenzene	100-41-4	ug/L	10/19/2009	1	n/a	ND	
GU-5	d	2-Hexanone	591-78-6	ug/L	10/19/2009	10	n/a	ND	
GU-5	d	Bromomethane	74-83-9	ug/L	10/19/2009	10	n/a	ND	
GU-5	d	Chloromethane	74-87-3	ug/L	10/19/2009	3	n/a	ND	
GU-5	d	2-Butanone	78-93-3	ug/L	10/19/2009	10	n/a	ND	
GU-5	d	Iodomethane	74-88-4	ug/L	10/19/2009	10	n/a	ND	
GU-5	d	4-Methyl-2-pentanone	108-10-1	ug/L	10/19/2009	10	n/a	ND	
GU-5	d	Methylene Bromide	74-95-3	ug/L	10/19/2009	1	n/a	ND	
GU-5	d	Methylene Chloride	75-09-2	ug/L	10/19/2009	5	n/a	ND	
GU-5	d	Styrene	100-42-5	ug/L	10/19/2009	2	n/a	ND	
GU-5	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	10/19/2009	2	n/a	ND	
GU-5	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	10/19/2009	1	n/a	ND	
GU-5	d	Tetrachloroethene	127-18-4	ug/L	10/19/2009	1	n/a	ND	
GU-5	d	Toluene	108-88-3	ug/L	10/19/2009	1	n/a	ND	
GU-5	d	1,1,1-Trichloroethane	71-55-6	ug/L	10/19/2009	1	n/a	ND	
GU-5	d	1,1,2-Trichloroethane	79-00-5	ug/L	10/19/2009	1	n/a	ND	
GU-5	d	Trichloroethene	79-01-6	ug/L	10/19/2009	1	n/a	ND	
GU-5	d	Trichlorofluoromethane	75-69-4	ug/L	10/19/2009	4	n/a	ND	
GU-5	d	1,2,3-Trichloropropane	96-18-4	ug/L	10/19/2009	1	n/a	ND	
GU-5	d	Vinyl acetate	108-05-4	ug/L	10/19/2009	5	n/a	ND	

Table 9A
Analytical Data Summary - Phase II MSWLF
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Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
GU-5	d	Vinyl chloride	75-01-4	ug/L	10/19/2009	1	n/a	ND	
GU-5	d	Xylenes, total	1330-20-7	ug/L	10/19/2009	4	n/a	ND	
GU-5BG	u	Antimony	7440-36-0	mg/L	10/19/2009	0.006	n/a	ND	
GU-5BG	u	Arsenic	7440-38-2	mg/L	10/19/2009	n/a	n/a		0.00616
GU-5BG	u	Barium	7440-39-3	mg/L	10/19/2009	n/a	n/a		0.276
GU-5BG	u	Beryllium	7440-41-7	mg/L	10/19/2009	0.001	n/a	ND	
GU-5BG	u	Cadmium	7440-43-9	mg/L	10/19/2009	0.0005	n/a	ND	
GU-5BG	u	Chromium	7440-47-3	mg/L	10/19/2009	0.02	n/a	ND	
GU-5BG	u	Cobalt	7440-48-4	mg/L	10/19/2009	0.02	n/a	ND	
GU-5BG	u	Copper	7440-50-8	mg/L	10/19/2009	0.02	n/a	ND	
GU-5BG	u	Lead	7439-92-1	mg/L	10/19/2009	0.004	n/a	ND	
GU-5BG	u	Nickel	7440-02-0	mg/L	10/19/2009	0.05	n/a	ND	
GU-5BG	u	Selenium	7782-49-2	mg/L	10/19/2009	0.005	n/a	ND	
GU-5BG	u	Silver	7440-22-4	mg/L	10/19/2009	0.02	n/a	ND	
GU-5BG	u	Thallium	7440-28-0	mg/L	10/19/2009	0.002	n/a	ND	
GU-5BG	u	Vanadium	7440-62-2	mg/L	10/19/2009	0.05	n/a	ND	
GU-5BG	u	Zinc	7440-66-6	mg/L	10/19/2009	n/a	n/a		0.0452
GU-5BG	u	Acetone	67-64-1	ug/L	10/19/2009	10	n/a	ND	
GU-5BG	u	Acrylonitrile	107-13-1	ug/L	10/19/2009	10	n/a	ND	
GU-5BG	u	Benzene	71-43-2	ug/L	10/19/2009	0.5	n/a	ND	
GU-5BG	u	Bromochloromethane	74-97-5	ug/L	10/19/2009	5	n/a	ND	
GU-5BG	u	Bromodichloromethane	75-27-4	ug/L	10/19/2009	2	n/a	ND	
GU-5BG	u	Bromoform	75-25-2	ug/L	10/19/2009	50	n/a	ND	
GU-5BG	u	Carbon disulfide	75-15-0	ug/L	10/19/2009	2	n/a	ND	
GU-5BG	u	Carbon Tetrachloride	56-23-5	ug/L	10/19/2009	2	n/a	ND	
GU-5BG	u	Chlorobenzene	108-90-7	ug/L	10/19/2009	1	n/a	ND	
GU-5BG	u	Chloroethane	75-00-3	ug/L	10/19/2009	4	n/a	ND	
GU-5BG	u	Chloroform	67-66-3	ug/L	10/19/2009	1	n/a	ND	
GU-5BG	u	Chlorodibromomethane	124-48-1	ug/L	10/19/2009	5	n/a	ND	
GU-5BG	u	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	10/19/2009	20	n/a	ND	
GU-5BG	u	1,2-Dibromoethane [EDB]	106-93-4	ug/L	10/19/2009	10	n/a	ND	
GU-5BG	u	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	10/19/2009	20	n/a	ND	
GU-5BG	u	1,1-Dichloroethane	75-34-3	ug/L	10/19/2009	1	n/a	ND	
GU-5BG	u	1,2-Dichloroethane	107-06-2	ug/L	10/19/2009	1	n/a	ND	
GU-5BG	u	1,1-Dichloroethene	75-35-4	ug/L	10/19/2009	2	n/a	ND	
GU-5BG	u	cis-1,2-Dichloroethene	156-59-2	ug/L	10/19/2009	1	n/a	ND	
GU-5BG	u	trans-1,2-Dichloroethene	156-60-5	ug/L	10/19/2009	1	n/a	ND	
GU-5BG	u	1,2-Dichloropropane	78-87-5	ug/L	10/19/2009	2	n/a	ND	
GU-5BG	u	cis-1,3-Dichloropropene	10061-01-5	ug/L	10/19/2009	5	n/a	ND	
GU-5BG	u	trans-1,3-Dichloropropene	10061-02-6	ug/L	10/19/2009	5	n/a	ND	
GU-5BG	u	1,2-Dichlorobenzene	95-50-1	ug/L	10/19/2009	1	n/a	ND	
GU-5BG	u	1,4-Dichlorobenzene	106-46-7	ug/L	10/19/2009	1	n/a	ND	
GU-5BG	u	Ethylbenzene	100-41-4	ug/L	10/19/2009	1	n/a	ND	
GU-5BG	u	2-Hexanone	591-78-6	ug/L	10/19/2009	10	n/a	ND	
GU-5BG	u	Bromomethane	74-83-9	ug/L	10/19/2009	10	n/a	ND	
GU-5BG	u	Chloromethane	74-87-3	ug/L	10/19/2009	3	n/a	ND	
GU-5BG	u	2-Butanone	78-93-3	ug/L	10/19/2009	10	n/a	ND	
GU-5BG	u	Iodomethane	74-88-4	ug/L	10/19/2009	10	n/a	ND	
GU-5BG	u	4-Methyl-2-pentanone	108-10-1	ug/L	10/19/2009	10	n/a	ND	
GU-5BG	u	Methylene Bromide	74-95-3	ug/L	10/19/2009	1	n/a	ND	
GU-5BG	u	Methylene Chloride	75-09-2	ug/L	10/19/2009	5	n/a	ND	
GU-5BG	u	Styrene	100-42-5	ug/L	10/19/2009	2	n/a	ND	
GU-5BG	u	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	10/19/2009	2	n/a	ND	
GU-5BG	u	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	10/19/2009	1	n/a	ND	
GU-5BG	u	Tetrachloroethene	127-18-4	ug/L	10/19/2009	1	n/a	ND	
GU-5BG	u	Toluene	108-88-3	ug/L	10/19/2009	1	n/a	ND	
GU-5BG	u	1,1,1-Trichloroethane	71-55-6	ug/L	10/19/2009	1	n/a	ND	
GU-5BG	u	1,1,2-Trichloroethane	79-00-5	ug/L	10/19/2009	1	n/a	ND	
GU-5BG	u	Trichloroethene	79-01-6	ug/L	10/19/2009	1	n/a	ND	
GU-5BG	u	Trichlorofluoromethane	75-69-4	ug/L	10/19/2009	4	n/a	ND	
GU-5BG	u	1,2,3-Trichloropropane	96-18-4	ug/L	10/19/2009	1	n/a	ND	
GU-5BG	u	Vinyl acetate	108-05-4	ug/L	10/19/2009	5	n/a	ND	
GU-5BG	u	Vinyl chloride	75-01-4	ug/L	10/19/2009	1	n/a	ND	
GU-5BG	u	Xylenes, total	1330-20-7	ug/L	10/19/2009	4	n/a	ND	
GU-3	d	Antimony	7440-36-0	mg/L	12/17/2009	0.006	n/a	ND	
GU-3	d	Arsenic	7440-38-2	mg/L	12/17/2009	n/a	n/a		0.00116
GU-3	d	Barium	7440-39-3	mg/L	12/17/2009	n/a	n/a		0.153
GU-3	d	Beryllium	7440-41-7	mg/L	12/17/2009	0.001	n/a	ND	
GU-3	d	Cadmium	7440-43-9	mg/L	12/17/2009	0.0005	n/a	ND	
GU-3	d	Chromium	7440-47-3	mg/L	12/17/2009	0.02	n/a	ND	
GU-3	d	Cobalt	7440-48-4	mg/L	12/17/2009	0.02	n/a	ND	
GU-3	d	Copper	7440-50-8	mg/L	12/17/2009	0.02	n/a	ND	
GU-3	d	Lead	7439-92-1	mg/L	12/17/2009	0.004	n/a	ND	
GU-3	d	Nickel	7440-02-0	mg/L	12/17/2009	0.05	n/a	ND	
GU-3	d	Selenium	7782-49-2	mg/L	12/17/2009	0.005	n/a	ND	

Table 9A
Analytical Data Summary - Phase II MSWLF
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Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
GU-3	d	Silver	7440-22-4	mg/L	12/17/2009	0.02	n/a	ND	
GU-3	d	Thallium	7440-28-0	mg/L	12/17/2009	0.002	n/a	ND	
GU-3	d	Vanadium	7440-62-2	mg/L	12/17/2009	0.05	n/a	ND	
GU-3	d	Zinc	7440-66-6	mg/L	12/17/2009	n/a	n/a		0.076
GU-3	d	Acetone	67-64-1	ug/L	12/17/2009	10	n/a	ND	
GU-3	d	Acrylonitrile	107-13-1	ug/L	12/17/2009	10	n/a	ND	
GU-3	d	Benzene	71-43-2	ug/L	12/17/2009	0.5	n/a	ND	
GU-3	d	Bromochloromethane	74-97-5	ug/L	12/17/2009	5	n/a	ND	
GU-3	d	Bromodichloromethane	75-27-4	ug/L	12/17/2009	5	n/a	ND	
GU-3	d	Bromoform	75-25-2	ug/L	12/17/2009	10	n/a	ND	
GU-3	d	Carbon disulfide	75-15-0	ug/L	12/17/2009	1	n/a	ND	
GU-3	d	Carbon Tetrachloride	56-23-5	ug/L	12/17/2009	2	n/a	ND	
GU-3	d	Chlorobenzene	108-90-7	ug/L	12/17/2009	1	n/a	ND	
GU-3	d	Chloroethane	75-00-3	ug/L	12/17/2009	4	n/a	ND	
GU-3	d	Chloroform	67-66-3	ug/L	12/17/2009	1	n/a	ND	
GU-3	d	Chlorodibromomethane	124-48-1	ug/L	12/17/2009	10	n/a	ND	
GU-3	d	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	12/17/2009	0.498	n/a	ND	
GU-3	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	12/17/2009	0.255	n/a	ND	
GU-3	d	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	12/17/2009	10	n/a	ND	
GU-3	d	1,1-Dichloroethane	75-34-3	ug/L	12/17/2009	1	n/a	ND	
GU-3	d	1,2-Dichloroethane	107-06-2	ug/L	12/17/2009	1	n/a	ND	
GU-3	d	1,1-Dichloroethene	75-35-4	ug/L	12/17/2009	2	n/a	ND	
GU-3	d	cis-1,2-Dichloroethene	156-59-2	ug/L	12/17/2009	1	n/a	ND	
GU-3	d	trans-1,2-Dichloroethene	156-60-5	ug/L	12/17/2009	1	n/a	ND	
GU-3	d	1,2-Dichloropropane	78-87-5	ug/L	12/17/2009	1	n/a	ND	
GU-3	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	12/17/2009	5	n/a	ND	
GU-3	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	12/17/2009	5	n/a	ND	
GU-3	d	1,2-Dichlorobenzene	95-50-1	ug/L	12/17/2009	1	n/a	ND	
GU-3	d	1,4-Dichlorobenzene	106-46-7	ug/L	12/17/2009	1	n/a	ND	
GU-3	d	Ethylbenzene	100-41-4	ug/L	12/17/2009	1	n/a	ND	
GU-3	d	2-Hexanone	591-78-6	ug/L	12/17/2009	10	n/a	ND	
GU-3	d	Bromomethane	74-83-9	ug/L	12/17/2009	4	n/a	ND	
GU-3	d	Chloromethane	74-87-3	ug/L	12/17/2009	3	n/a	ND	
GU-3	d	2-Butanone	78-93-3	ug/L	12/17/2009	10	n/a	ND	
GU-3	d	Iodomethane	74-88-4	ug/L	12/17/2009	20	n/a	ND	
GU-3	d	4-Methyl-2-pentanone	108-10-1	ug/L	12/17/2009	10	n/a	ND	
GU-3	d	Methylene Bromide	74-95-3	ug/L	12/17/2009	1	n/a	ND	
GU-3	d	Methylene Chloride	75-09-2	ug/L	12/17/2009	5	n/a	ND	
GU-3	d	Styrene	100-42-5	ug/L	12/17/2009	2	n/a	ND	
GU-3	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	12/17/2009	5	n/a	ND	
GU-3	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	12/17/2009	1	n/a	ND	
GU-3	d	Tetrachloroethene	127-18-4	ug/L	12/17/2009	1	n/a	ND	
GU-3	d	Toluene	108-88-3	ug/L	12/17/2009	1	n/a	ND	
GU-3	d	1,1,1-Trichloroethane	71-55-6	ug/L	12/17/2009	10	n/a	ND	
GU-3	d	1,1,2-Trichloroethane	79-00-5	ug/L	12/17/2009	1	n/a	ND	
GU-3	d	Trichloroethene	79-01-6	ug/L	12/17/2009	1	n/a	ND	
GU-3	d	Trichlorofluoromethane	75-69-4	ug/L	12/17/2009	4	n/a	ND	
GU-3	d	1,2,3-Trichloropropane	96-18-4	ug/L	12/17/2009	1	n/a	ND	
GU-3	d	Vinyl acetate	108-05-4	ug/L	12/17/2009	2	n/a	ND	
GU-3	d	Vinyl chloride	75-01-4	ug/L	12/17/2009	1	n/a	ND	
GU-3	d	Xylenes, total	1330-20-7	ug/L	12/17/2009	6	n/a	ND	
GU-3BG	u	Antimony	7440-36-0	mg/L	12/17/2009	0.006	n/a	ND	
GU-3BG	u	Arsenic	7440-38-2	mg/L	12/17/2009	n/a	n/a		0.00116
GU-3BG	u	Barium	7440-39-3	mg/L	12/17/2009	n/a	n/a		0.153
GU-3BG	u	Beryllium	7440-41-7	mg/L	12/17/2009	0.001	n/a	ND	
GU-3BG	u	Cadmium	7440-43-9	mg/L	12/17/2009	0.0005	n/a	ND	
GU-3BG	u	Chromium	7440-47-3	mg/L	12/17/2009	0.02	n/a	ND	
GU-3BG	u	Cobalt	7440-48-4	mg/L	12/17/2009	0.02	n/a	ND	
GU-3BG	u	Copper	7440-50-8	mg/L	12/17/2009	0.02	n/a	ND	
GU-3BG	u	Lead	7439-92-1	mg/L	12/17/2009	0.004	n/a	ND	
GU-3BG	u	Nickel	7440-02-0	mg/L	12/17/2009	0.05	n/a	ND	
GU-3BG	u	Selenium	7782-49-2	mg/L	12/17/2009	0.005	n/a	ND	
GU-3BG	u	Silver	7440-22-4	mg/L	12/17/2009	0.02	n/a	ND	
GU-3BG	u	Thallium	7440-28-0	mg/L	12/17/2009	0.002	n/a	ND	
GU-3BG	u	Vanadium	7440-62-2	mg/L	12/17/2009	0.05	n/a	ND	
GU-3BG	u	Zinc	7440-66-6	mg/L	12/17/2009	n/a	n/a		0.076
GU-3BG	u	Acetone	67-64-1	ug/L	12/17/2009	10	n/a	ND	
GU-3BG	u	Acrylonitrile	107-13-1	ug/L	12/17/2009	10	n/a	ND	
GU-3BG	u	Benzene	71-43-2	ug/L	12/17/2009	0.5	n/a	ND	
GU-3BG	u	Bromochloromethane	74-97-5	ug/L	12/17/2009	5	n/a	ND	
GU-3BG	u	Bromodichloromethane	75-27-4	ug/L	12/17/2009	5	n/a	ND	
GU-3BG	u	Bromoform	75-25-2	ug/L	12/17/2009	10	n/a	ND	
GU-3BG	u	Carbon disulfide	75-15-0	ug/L	12/17/2009	1	n/a	ND	
GU-3BG	u	Carbon Tetrachloride	56-23-5	ug/L	12/17/2009	2	n/a	ND	
GU-3BG	u	Chlorobenzene	108-90-7	ug/L	12/17/2009	1	n/a	ND	

Table 9A
Analytical Data Summary - Phase II MSWLF
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Phase II MSWLF and CWTS
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Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
GU-3BG	u	Chloroethane	75-00-3	ug/L	12/17/2009	4	n/a	ND	
GU-3BG	u	Chloroform	67-66-3	ug/L	12/17/2009	1	n/a	ND	
GU-3BG	u	Chlorodibromomethane	124-48-1	ug/L	12/17/2009	10	n/a	ND	
GU-3BG	u	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	12/17/2009	0.498	n/a	ND	
GU-3BG	u	1,2-Dibromoethane [EDB]	106-93-4	ug/L	12/17/2009	0.255	n/a	ND	
GU-3BG	u	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	12/17/2009	10	n/a	ND	
GU-3BG	u	1,1-Dichloroethane	75-34-3	ug/L	12/17/2009	1	n/a	ND	
GU-3BG	u	1,2-Dichloroethane	107-06-2	ug/L	12/17/2009	1	n/a	ND	
GU-3BG	u	1,1-Dichloroethene	75-35-4	ug/L	12/17/2009	2	n/a	ND	
GU-3BG	u	cis-1,2-Dichloroethene	156-59-2	ug/L	12/17/2009	1	n/a	ND	
GU-3BG	u	trans-1,2-Dichloroethene	156-60-5	ug/L	12/17/2009	1	n/a	ND	
GU-3BG	u	1,2-Dichloropropane	78-87-5	ug/L	12/17/2009	1	n/a	ND	
GU-3BG	u	cis-1,3-Dichloropropene	10061-01-5	ug/L	12/17/2009	5	n/a	ND	
GU-3BG	u	trans-1,3-Dichloropropene	10061-02-6	ug/L	12/17/2009	5	n/a	ND	
GU-3BG	u	1,2-Dichlorobenzene	95-50-1	ug/L	12/17/2009	1	n/a	ND	
GU-3BG	u	1,4-Dichlorobenzene	106-46-7	ug/L	12/17/2009	1	n/a	ND	
GU-3BG	u	Ethylbenzene	100-41-4	ug/L	12/17/2009	1	n/a	ND	
GU-3BG	u	2-Hexanone	591-78-6	ug/L	12/17/2009	10	n/a	ND	
GU-3BG	u	Bromomethane	74-83-9	ug/L	12/17/2009	4	n/a	ND	
GU-3BG	u	Chloromethane	74-87-3	ug/L	12/17/2009	3	n/a	ND	
GU-3BG	u	2-Butanone	78-93-3	ug/L	12/17/2009	10	n/a	ND	
GU-3BG	u	Iodomethane	74-88-4	ug/L	12/17/2009	20	n/a	ND	
GU-3BG	u	4-Methyl-2-pentanone	108-10-1	ug/L	12/17/2009	10	n/a	ND	
GU-3BG	u	Methylene Bromide	74-95-3	ug/L	12/17/2009	1	n/a	ND	
GU-3BG	u	Methylene Chloride	75-09-2	ug/L	12/17/2009	5	n/a	ND	
GU-3BG	u	Styrene	100-42-5	ug/L	12/17/2009	2	n/a	ND	
GU-3BG	u	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	12/17/2009	5	n/a	ND	
GU-3BG	u	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	12/17/2009	1	n/a	ND	
GU-3BG	u	Tetrachloroethene	127-18-4	ug/L	12/17/2009	1	n/a	ND	
GU-3BG	u	Toluene	108-88-3	ug/L	12/17/2009	1	n/a	ND	
GU-3BG	u	1,1,1-Trichloroethane	71-55-6	ug/L	12/17/2009	10	n/a	ND	
GU-3BG	u	1,1,2-Trichloroethane	79-00-5	ug/L	12/17/2009	1	n/a	ND	
GU-3BG	u	Trichloroethene	79-01-6	ug/L	12/17/2009	1	n/a	ND	
GU-3BG	u	Trichlorofluoromethane	75-69-4	ug/L	12/17/2009	4	n/a	ND	
GU-3BG	u	1,2,3-Trichloropropane	96-18-4	ug/L	12/17/2009	1	n/a	ND	
GU-3BG	u	Vinyl acetate	108-05-4	ug/L	12/17/2009	2	n/a	ND	
GU-3BG	u	Vinyl chloride	75-01-4	ug/L	12/17/2009	1	n/a	ND	
GU-3BG	u	Xylenes, total	1330-20-7	ug/L	12/17/2009	6	n/a	ND	
GU-4	d	Antimony	7440-36-0	mg/L	12/17/2009	0.006	n/a	ND	
GU-4	d	Arsenic	7440-38-2	mg/L	12/17/2009	n/a	n/a		0.00122
GU-4	d	Barium	7440-39-3	mg/L	12/17/2009	n/a	n/a		0.0197
GU-4	d	Beryllium	7440-41-7	mg/L	12/17/2009	0.001	n/a	ND	
GU-4	d	Cadmium	7440-43-9	mg/L	12/17/2009	0.0005	n/a	ND	
GU-4	d	Chromium	7440-47-3	mg/L	12/17/2009	0.02	n/a	ND	
GU-4	d	Cobalt	7440-48-4	mg/L	12/17/2009	0.02	n/a	ND	
GU-4	d	Copper	7440-50-8	mg/L	12/17/2009	0.02	n/a	ND	
GU-4	d	Lead	7439-92-1	mg/L	12/17/2009	0.004	n/a	ND	
GU-4	d	Nickel	7440-02-0	mg/L	12/17/2009	0.05	n/a	ND	
GU-4	d	Selenium	7782-49-2	mg/L	12/17/2009	0.005	n/a	ND	
GU-4	d	Silver	7440-22-4	mg/L	12/17/2009	0.02	n/a	ND	
GU-4	d	Thallium	7440-28-0	mg/L	12/17/2009	0.002	n/a	ND	
GU-4	d	Vanadium	7440-62-2	mg/L	12/17/2009	0.05	n/a	ND	
GU-4	d	Zinc	7440-66-6	mg/L	12/17/2009	n/a	n/a		0.262
GU-4	d	Acetone	67-64-1	ug/L	12/17/2009	10	n/a	ND	
GU-4	d	Acrylonitrile	107-13-1	ug/L	12/17/2009	10	n/a	ND	
GU-4	d	Benzene	71-43-2	ug/L	12/17/2009	0.5	n/a	ND	
GU-4	d	Bromochloromethane	74-97-5	ug/L	12/17/2009	5	n/a	ND	
GU-4	d	Bromodichloromethane	75-27-4	ug/L	12/17/2009	5	n/a	ND	
GU-4	d	Bromoform	75-25-2	ug/L	12/17/2009	10	n/a	ND	
GU-4	d	Carbon disulfide	75-15-0	ug/L	12/17/2009	1	n/a	ND	
GU-4	d	Carbon Tetrachloride	56-23-5	ug/L	12/17/2009	2	n/a	ND	
GU-4	d	Chlorobenzene	108-90-7	ug/L	12/17/2009	1	n/a	ND	
GU-4	d	Chloroethane	75-00-3	ug/L	12/17/2009	4	n/a	ND	
GU-4	d	Chloroform	67-66-3	ug/L	12/17/2009	1	n/a	ND	
GU-4	d	Chlorodibromomethane	124-48-1	ug/L	12/17/2009	10	n/a	ND	
GU-4	d	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	12/17/2009	0.498	n/a	ND	
GU-4	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	12/17/2009	0.255	n/a	ND	
GU-4	d	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	12/17/2009	10	n/a	ND	
GU-4	d	1,1-Dichloroethane	75-34-3	ug/L	12/17/2009	1	n/a	ND	
GU-4	d	1,2-Dichloroethane	107-06-2	ug/L	12/17/2009	1	n/a	ND	
GU-4	d	1,1-Dichloroethene	75-35-4	ug/L	12/17/2009	2	n/a	ND	
GU-4	d	cis-1,2-Dichloroethene	156-59-2	ug/L	12/17/2009	1	n/a	ND	
GU-4	d	trans-1,2-Dichloroethene	156-60-5	ug/L	12/17/2009	1	n/a	ND	
GU-4	d	1,2-Dichloropropane	78-87-5	ug/L	12/17/2009	1	n/a	ND	
GU-4	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	12/17/2009	5	n/a	ND	

Table 9A
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Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
GU-4	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	12/17/2009	5	n/a	ND	
GU-4	d	1,2-Dichlorobenzene	95-50-1	ug/L	12/17/2009	1	n/a	ND	
GU-4	d	1,4-Dichlorobenzene	106-46-7	ug/L	12/17/2009	1	n/a	ND	
GU-4	d	Ethylbenzene	100-41-4	ug/L	12/17/2009	1	n/a	ND	
GU-4	d	2-Hexanone	591-78-6	ug/L	12/17/2009	10	n/a	ND	
GU-4	d	Bromomethane	74-83-9	ug/L	12/17/2009	4	n/a	ND	
GU-4	d	Chloromethane	74-87-3	ug/L	12/17/2009	3	n/a	ND	
GU-4	d	2-Butanone	78-93-3	ug/L	12/17/2009	10	n/a	ND	
GU-4	d	Iodomethane	74-88-4	ug/L	12/17/2009	20	n/a	ND	
GU-4	d	4-Methyl-2-pentanone	108-10-1	ug/L	12/17/2009	10	n/a	ND	
GU-4	d	Methylene Bromide	74-95-3	ug/L	12/17/2009	1	n/a	ND	
GU-4	d	Methylene Chloride	75-09-2	ug/L	12/17/2009	5	n/a	ND	
GU-4	d	Styrene	100-42-5	ug/L	12/17/2009	2	n/a	ND	
GU-4	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	12/17/2009	5	n/a	ND	
GU-4	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	12/17/2009	1	n/a	ND	
GU-4	d	Tetrachloroethene	127-18-4	ug/L	12/17/2009	1	n/a	ND	
GU-4	d	Toluene	108-88-3	ug/L	12/17/2009	1	n/a	ND	
GU-4	d	1,1,1-Trichloroethane	71-55-6	ug/L	12/17/2009	10	n/a	ND	
GU-4	d	1,1,2-Trichloroethane	79-00-5	ug/L	12/17/2009	1	n/a	ND	
GU-4	d	Trichloroethene	79-01-6	ug/L	12/17/2009	1	n/a	ND	
GU-4	d	Trichlorofluoromethane	75-69-4	ug/L	12/17/2009	4	n/a	ND	
GU-4	d	1,2,3-Trichloropropane	96-18-4	ug/L	12/17/2009	1	n/a	ND	
GU-4	d	Vinyl acetate	108-05-4	ug/L	12/17/2009	2	n/a	ND	
GU-4	d	Vinyl chloride	75-01-4	ug/L	12/17/2009	1	n/a	ND	
GU-4	d	Xylenes, total	1330-20-7	ug/L	12/17/2009	6	n/a	ND	
GU-4BG	u	Antimony	7440-36-0	mg/L	12/17/2009	0.006	n/a	ND	
GU-4BG	u	Arsenic	7440-38-2	mg/L	12/17/2009	n/a	n/a		0.00122
GU-4BG	u	Barium	7440-39-3	mg/L	12/17/2009	n/a	n/a		0.0197
GU-4BG	u	Beryllium	7440-41-7	mg/L	12/17/2009	0.001	n/a	ND	
GU-4BG	u	Cadmium	7440-43-9	mg/L	12/17/2009	0.0005	n/a	ND	
GU-4BG	u	Chromium	7440-47-3	mg/L	12/17/2009	0.02	n/a	ND	
GU-4BG	u	Cobalt	7440-48-4	mg/L	12/17/2009	0.02	n/a	ND	
GU-4BG	u	Copper	7440-50-8	mg/L	12/17/2009	0.02	n/a	ND	
GU-4BG	u	Lead	7439-92-1	mg/L	12/17/2009	0.004	n/a	ND	
GU-4BG	u	Nickel	7440-02-0	mg/L	12/17/2009	0.05	n/a	ND	
GU-4BG	u	Selenium	7782-49-2	mg/L	12/17/2009	0.005	n/a	ND	
GU-4BG	u	Silver	7440-22-4	mg/L	12/17/2009	0.02	n/a	ND	
GU-4BG	u	Thallium	7440-28-0	mg/L	12/17/2009	0.002	n/a	ND	
GU-4BG	u	Vanadium	7440-62-2	mg/L	12/17/2009	0.05	n/a	ND	
GU-4BG	u	Zinc	7440-66-6	mg/L	12/17/2009	n/a	n/a		0.262
GU-4BG	u	Acetone	67-64-1	ug/L	12/17/2009	10	n/a	ND	
GU-4BG	u	Acrylonitrile	107-13-1	ug/L	12/17/2009	10	n/a	ND	
GU-4BG	u	Benzene	71-43-2	ug/L	12/17/2009	0.5	n/a	ND	
GU-4BG	u	Bromochloromethane	74-97-5	ug/L	12/17/2009	5	n/a	ND	
GU-4BG	u	Bromodichloromethane	75-27-4	ug/L	12/17/2009	5	n/a	ND	
GU-4BG	u	Bromoform	75-25-2	ug/L	12/17/2009	10	n/a	ND	
GU-4BG	u	Carbon disulfide	75-15-0	ug/L	12/17/2009	1	n/a	ND	
GU-4BG	u	Carbon Tetrachloride	56-23-5	ug/L	12/17/2009	2	n/a	ND	
GU-4BG	u	Chlorobenzene	108-90-7	ug/L	12/17/2009	1	n/a	ND	
GU-4BG	u	Chloroethane	75-00-3	ug/L	12/17/2009	4	n/a	ND	
GU-4BG	u	Chloroform	67-66-3	ug/L	12/17/2009	1	n/a	ND	
GU-4BG	u	Chlorodibromomethane	124-48-1	ug/L	12/17/2009	10	n/a	ND	
GU-4BG	u	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	12/17/2009	0.498	n/a	ND	
GU-4BG	u	1,2-Dibromoethane [EDB]	106-93-4	ug/L	12/17/2009	0.255	n/a	ND	
GU-4BG	u	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	12/17/2009	10	n/a	ND	
GU-4BG	u	1,1-Dichloroethane	75-34-3	ug/L	12/17/2009	1	n/a	ND	
GU-4BG	u	1,2-Dichloroethane	107-06-2	ug/L	12/17/2009	1	n/a	ND	
GU-4BG	u	1,1-Dichloroethene	75-35-4	ug/L	12/17/2009	2	n/a	ND	
GU-4BG	u	cis-1,2-Dichloroethene	156-59-2	ug/L	12/17/2009	1	n/a	ND	
GU-4BG	u	trans-1,2-Dichloroethene	156-60-5	ug/L	12/17/2009	1	n/a	ND	
GU-4BG	u	1,2-Dichloropropane	78-87-5	ug/L	12/17/2009	1	n/a	ND	
GU-4BG	u	cis-1,3-Dichloropropene	10061-01-5	ug/L	12/17/2009	5	n/a	ND	
GU-4BG	u	trans-1,3-Dichloropropene	10061-02-6	ug/L	12/17/2009	5	n/a	ND	
GU-4BG	u	1,2-Dichlorobenzene	95-50-1	ug/L	12/17/2009	1	n/a	ND	
GU-4BG	u	1,4-Dichlorobenzene	106-46-7	ug/L	12/17/2009	1	n/a	ND	
GU-4BG	u	Ethylbenzene	100-41-4	ug/L	12/17/2009	1	n/a	ND	
GU-4BG	u	2-Hexanone	591-78-6	ug/L	12/17/2009	10	n/a	ND	
GU-4BG	u	Bromomethane	74-83-9	ug/L	12/17/2009	4	n/a	ND	
GU-4BG	u	Chloromethane	74-87-3	ug/L	12/17/2009	3	n/a	ND	
GU-4BG	u	2-Butanone	78-93-3	ug/L	12/17/2009	10	n/a	ND	
GU-4BG	u	Iodomethane	74-88-4	ug/L	12/17/2009	20	n/a	ND	
GU-4BG	u	4-Methyl-2-pentanone	108-10-1	ug/L	12/17/2009	10	n/a	ND	
GU-4BG	u	Methylene Bromide	74-95-3	ug/L	12/17/2009	1	n/a	ND	
GU-4BG	u	Methylene Chloride	75-09-2	ug/L	12/17/2009	5	n/a	ND	
GU-4BG	u	Styrene	100-42-5	ug/L	12/17/2009	2	n/a	ND	

Table 9A
Analytical Data Summary - Phase II MSWLF
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Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
GU-4BG	u	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	12/17/2009	5	n/a	ND	
GU-4BG	u	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	12/17/2009	1	n/a	ND	
GU-4BG	u	Tetrachloroethene	127-18-4	ug/L	12/17/2009	1	n/a	ND	
GU-4BG	u	Toluene	108-88-3	ug/L	12/17/2009	1	n/a	ND	
GU-4BG	u	1,1,1-Trichloroethane	71-55-6	ug/L	12/17/2009	10	n/a	ND	
GU-4BG	u	1,1,2-Trichloroethane	79-00-5	ug/L	12/17/2009	1	n/a	ND	
GU-4BG	u	Trichloroethene	79-01-6	ug/L	12/17/2009	1	n/a	ND	
GU-4BG	u	Trichlorofluoromethane	75-69-4	ug/L	12/17/2009	4	n/a	ND	
GU-4BG	u	1,2,3-Trichloropropane	96-18-4	ug/L	12/17/2009	1	n/a	ND	
GU-4BG	u	Vinyl acetate	108-05-4	ug/L	12/17/2009	2	n/a	ND	
GU-4BG	u	Vinyl chloride	75-01-4	ug/L	12/17/2009	1	n/a	ND	
GU-4BG	u	Xylenes, total	1330-20-7	ug/L	12/17/2009	6	n/a	ND	
GU-5	d	Antimony	7440-36-0	mg/L	12/17/2009	0.006	n/a	ND	
GU-5	d	Arsenic	7440-38-2	mg/L	12/17/2009	n/a	n/a		0.00277
GU-5	d	Barium	7440-39-3	mg/L	12/17/2009	n/a	n/a		0.0778
GU-5	d	Beryllium	7440-41-7	mg/L	12/17/2009	0.001	n/a	ND	
GU-5	d	Cadmium	7440-43-9	mg/L	12/17/2009	0.0005	n/a	ND	
GU-5	d	Chromium	7440-47-3	mg/L	12/17/2009	0.02	n/a	ND	
GU-5	d	Cobalt	7440-48-4	mg/L	12/17/2009	0.02	n/a	ND	
GU-5	d	Copper	7440-50-8	mg/L	12/17/2009	0.02	n/a	ND	
GU-5	d	Lead	7439-92-1	mg/L	12/17/2009	0.004	n/a	ND	
GU-5	d	Nickel	7440-02-0	mg/L	12/17/2009	0.05	n/a	ND	
GU-5	d	Selenium	7782-49-2	mg/L	12/17/2009	0.005	n/a	ND	
GU-5	d	Silver	7440-22-4	mg/L	12/17/2009	0.02	n/a	ND	
GU-5	d	Thallium	7440-28-0	mg/L	12/17/2009	0.002	n/a	ND	
GU-5	d	Vanadium	7440-62-2	mg/L	12/17/2009	0.05	n/a	ND	
GU-5	d	Zinc	7440-66-6	mg/L	12/17/2009	n/a	n/a		0.129
GU-5	d	Acetone	67-64-1	ug/L	12/17/2009	10	n/a	ND	
GU-5	d	Acrylonitrile	107-13-1	ug/L	12/17/2009	10	n/a	ND	
GU-5	d	Benzene	71-43-2	ug/L	12/17/2009	0.5	n/a	ND	
GU-5	d	Bromochloromethane	74-97-5	ug/L	12/17/2009	5	n/a	ND	
GU-5	d	Bromodichloromethane	75-27-4	ug/L	12/17/2009	5	n/a	ND	
GU-5	d	Bromoform	75-25-2	ug/L	12/17/2009	10	n/a	ND	
GU-5	d	Carbon disulfide	75-15-0	ug/L	12/17/2009	1	n/a	ND	
GU-5	d	Carbon Tetrachloride	56-23-5	ug/L	12/17/2009	2	n/a	ND	
GU-5	d	Chlorobenzene	108-90-7	ug/L	12/17/2009	1	n/a	ND	
GU-5	d	Chloroethane	75-00-3	ug/L	12/17/2009	4	n/a	ND	
GU-5	d	Chloroform	67-66-3	ug/L	12/17/2009	1	n/a	ND	
GU-5	d	Chlorodibromomethane	124-48-1	ug/L	12/17/2009	10	n/a	ND	
GU-5	d	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	12/17/2009	0.498	n/a	ND	
GU-5	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	12/17/2009	0.255	n/a	ND	
GU-5	d	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	12/17/2009	10	n/a	ND	
GU-5	d	1,1-Dichloroethane	75-34-3	ug/L	12/17/2009	1	n/a	ND	
GU-5	d	1,2-Dichloroethane	107-06-2	ug/L	12/17/2009	1	n/a	ND	
GU-5	d	1,1-Dichloroethene	75-35-4	ug/L	12/17/2009	2	n/a	ND	
GU-5	d	cis-1,2-Dichloroethene	156-59-2	ug/L	12/17/2009	1	n/a	ND	
GU-5	d	trans-1,2-Dichloroethene	156-60-5	ug/L	12/17/2009	1	n/a	ND	
GU-5	d	1,2-Dichloropropane	78-87-5	ug/L	12/17/2009	1	n/a	ND	
GU-5	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	12/17/2009	5	n/a	ND	
GU-5	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	12/17/2009	5	n/a	ND	
GU-5	d	1,2-Dichlorobenzene	95-50-1	ug/L	12/17/2009	1	n/a	ND	
GU-5	d	1,4-Dichlorobenzene	106-46-7	ug/L	12/17/2009	1	n/a	ND	
GU-5	d	Ethylbenzene	100-41-4	ug/L	12/17/2009	1	n/a	ND	
GU-5	d	2-Hexanone	591-78-6	ug/L	12/17/2009	10	n/a	ND	
GU-5	d	Bromomethane	74-83-9	ug/L	12/17/2009	4	n/a	ND	
GU-5	d	Chloromethane	74-87-3	ug/L	12/17/2009	3	n/a	ND	
GU-5	d	2-Butanone	78-93-3	ug/L	12/17/2009	10	n/a	ND	
GU-5	d	Iodomethane	74-88-4	ug/L	12/17/2009	20	n/a	ND	
GU-5	d	4-Methyl-2-pentanone	108-10-1	ug/L	12/17/2009	10	n/a	ND	
GU-5	d	Methylene Bromide	74-95-3	ug/L	12/17/2009	1	n/a	ND	
GU-5	d	Methylene Chloride	75-09-2	ug/L	12/17/2009	5	n/a	ND	
GU-5	d	Styrene	100-42-5	ug/L	12/17/2009	2	n/a	ND	
GU-5	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	12/17/2009	5	n/a	ND	
GU-5	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	12/17/2009	1	n/a	ND	
GU-5	d	Tetrachloroethene	127-18-4	ug/L	12/17/2009	1	n/a	ND	
GU-5	d	Toluene	108-88-3	ug/L	12/17/2009	1	n/a	ND	
GU-5	d	1,1,1-Trichloroethane	71-55-6	ug/L	12/17/2009	10	n/a	ND	
GU-5	d	1,1,2-Trichloroethane	79-00-5	ug/L	12/17/2009	1	n/a	ND	
GU-5	d	Trichloroethene	79-01-6	ug/L	12/17/2009	1	n/a	ND	
GU-5	d	Trichlorofluoromethane	75-69-4	ug/L	12/17/2009	4	n/a	ND	
GU-5	d	1,2,3-Trichloropropane	96-18-4	ug/L	12/17/2009	1	n/a	ND	
GU-5	d	Vinyl acetate	108-05-4	ug/L	12/17/2009	2	n/a	ND	
GU-5	d	Vinyl chloride	75-01-4	ug/L	12/17/2009	1	n/a	ND	
GU-5	d	Xylenes, total	1330-20-7	ug/L	12/17/2009	6	n/a	ND	
GU-5BG	u	Antimony	7440-36-0	mg/L	12/17/2009	0.006	n/a	ND	

Table 9A
Analytical Data Summary - Phase II MSWLF
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Phase II MSWLF and CWTS
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Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
GU-5BG	u	Arsenic	7440-38-2	mg/L	12/17/2009	n/a	n/a		0.00277
GU-5BG	u	Barium	7440-39-3	mg/L	12/17/2009	n/a	n/a		0.0778
GU-5BG	u	Beryllium	7440-41-7	mg/L	12/17/2009	0.001	n/a	ND	
GU-5BG	u	Cadmium	7440-43-9	mg/L	12/17/2009	0.0005	n/a	ND	
GU-5BG	u	Chromium	7440-47-3	mg/L	12/17/2009	0.02	n/a	ND	
GU-5BG	u	Cobalt	7440-48-4	mg/L	12/17/2009	0.02	n/a	ND	
GU-5BG	u	Copper	7440-50-8	mg/L	12/17/2009	0.02	n/a	ND	
GU-5BG	u	Lead	7439-92-1	mg/L	12/17/2009	0.004	n/a	ND	
GU-5BG	u	Nickel	7440-02-0	mg/L	12/17/2009	0.05	n/a	ND	
GU-5BG	u	Selenium	7782-49-2	mg/L	12/17/2009	0.005	n/a	ND	
GU-5BG	u	Silver	7440-22-4	mg/L	12/17/2009	0.02	n/a	ND	
GU-5BG	u	Thallium	7440-28-0	mg/L	12/17/2009	0.002	n/a	ND	
GU-5BG	u	Vanadium	7440-62-2	mg/L	12/17/2009	0.05	n/a	ND	
GU-5BG	u	Zinc	7440-66-6	mg/L	12/17/2009	n/a	n/a		0.129
GU-5BG	u	Acetone	67-64-1	ug/L	12/17/2009	10	n/a	ND	
GU-5BG	u	Acrylonitrile	107-13-1	ug/L	12/17/2009	10	n/a	ND	
GU-5BG	u	Benzene	71-43-2	ug/L	12/17/2009	0.5	n/a	ND	
GU-5BG	u	Bromochloromethane	74-97-5	ug/L	12/17/2009	5	n/a	ND	
GU-5BG	u	Bromodichloromethane	75-27-4	ug/L	12/17/2009	5	n/a	ND	
GU-5BG	u	Bromoform	75-25-2	ug/L	12/17/2009	10	n/a	ND	
GU-5BG	u	Carbon disulfide	75-15-0	ug/L	12/17/2009	1	n/a	ND	
GU-5BG	u	Carbon Tetrachloride	56-23-5	ug/L	12/17/2009	2	n/a	ND	
GU-5BG	u	Chlorobenzene	108-90-7	ug/L	12/17/2009	1	n/a	ND	
GU-5BG	u	Chloroethane	75-00-3	ug/L	12/17/2009	4	n/a	ND	
GU-5BG	u	Chloroform	67-66-3	ug/L	12/17/2009	1	n/a	ND	
GU-5BG	u	Chlorodibromomethane	124-48-1	ug/L	12/17/2009	10	n/a	ND	
GU-5BG	u	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	12/17/2009	0.498	n/a	ND	
GU-5BG	u	1,2-Dibromoethane [EDB]	106-93-4	ug/L	12/17/2009	0.255	n/a	ND	
GU-5BG	u	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	12/17/2009	10	n/a	ND	
GU-5BG	u	1,1-Dichloroethane	75-34-3	ug/L	12/17/2009	1	n/a	ND	
GU-5BG	u	1,2-Dichloroethane	107-06-2	ug/L	12/17/2009	1	n/a	ND	
GU-5BG	u	1,1-Dichloroethene	75-35-4	ug/L	12/17/2009	2	n/a	ND	
GU-5BG	u	cis-1,2-Dichloroethene	156-59-2	ug/L	12/17/2009	1	n/a	ND	
GU-5BG	u	trans-1,2-Dichloroethene	156-60-5	ug/L	12/17/2009	1	n/a	ND	
GU-5BG	u	1,2-Dichloropropane	78-87-5	ug/L	12/17/2009	1	n/a	ND	
GU-5BG	u	cis-1,3-Dichloropropene	10061-01-5	ug/L	12/17/2009	5	n/a	ND	
GU-5BG	u	trans-1,3-Dichloropropene	10061-02-6	ug/L	12/17/2009	5	n/a	ND	
GU-5BG	u	1,2-Dichlorobenzene	95-50-1	ug/L	12/17/2009	1	n/a	ND	
GU-5BG	u	1,4-Dichlorobenzene	106-46-7	ug/L	12/17/2009	1	n/a	ND	
GU-5BG	u	Ethylbenzene	100-41-4	ug/L	12/17/2009	1	n/a	ND	
GU-5BG	u	2-Hexanone	591-78-6	ug/L	12/17/2009	10	n/a	ND	
GU-5BG	u	Bromomethane	74-83-9	ug/L	12/17/2009	4	n/a	ND	
GU-5BG	u	Chloromethane	74-87-3	ug/L	12/17/2009	3	n/a	ND	
GU-5BG	u	2-Butanone	78-93-3	ug/L	12/17/2009	10	n/a	ND	
GU-5BG	u	Iodomethane	74-88-4	ug/L	12/17/2009	20	n/a	ND	
GU-5BG	u	4-Methyl-2-pentanone	108-10-1	ug/L	12/17/2009	10	n/a	ND	
GU-5BG	u	Methylene Bromide	74-95-3	ug/L	12/17/2009	1	n/a	ND	
GU-5BG	u	Methylene Chloride	75-09-2	ug/L	12/17/2009	5	n/a	ND	
GU-5BG	u	Styrene	100-42-5	ug/L	12/17/2009	2	n/a	ND	
GU-5BG	u	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	12/17/2009	5	n/a	ND	
GU-5BG	u	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	12/17/2009	1	n/a	ND	
GU-5BG	u	Tetrachloroethene	127-18-4	ug/L	12/17/2009	1	n/a	ND	
GU-5BG	u	Toluene	108-88-3	ug/L	12/17/2009	1	n/a	ND	
GU-5BG	u	1,1,1-Trichloroethane	71-55-6	ug/L	12/17/2009	10	n/a	ND	
GU-5BG	u	1,1,2-Trichloroethane	79-00-5	ug/L	12/17/2009	1	n/a	ND	
GU-5BG	u	Trichloroethene	79-01-6	ug/L	12/17/2009	1	n/a	ND	
GU-5BG	u	Trichlorofluoromethane	75-69-4	ug/L	12/17/2009	4	n/a	ND	
GU-5BG	u	1,2,3-Trichloropropane	96-18-4	ug/L	12/17/2009	1	n/a	ND	
GU-5BG	u	Vinyl acetate	108-05-4	ug/L	12/17/2009	2	n/a	ND	
GU-5BG	u	Vinyl chloride	75-01-4	ug/L	12/17/2009	1	n/a	ND	
GU-5BG	u	Xylenes, total	1330-20-7	ug/L	12/17/2009	6	n/a	ND	
GU-3	d	Antimony	7440-36-0	mg/L	2/11/2010	0.006	n/a	ND	
GU-3	d	Arsenic	7440-38-2	mg/L	2/11/2010	0.003	n/a	ND	
GU-3	d	Barium	7440-39-3	mg/L	2/11/2010	n/a	n/a		0.165
GU-3	d	Beryllium	7440-41-7	mg/L	2/11/2010	0.001	n/a	ND	
GU-3	d	Cadmium	7440-43-9	mg/L	2/11/2010	0.0005	n/a	ND	
GU-3	d	Chromium	7440-47-3	mg/L	2/11/2010	0.02	n/a	ND	
GU-3	d	Cobalt	7440-48-4	mg/L	2/11/2010	n/a	n/a		0.00207
GU-3	d	Copper	7440-50-8	mg/L	2/11/2010	0.02	n/a	ND	
GU-3	d	Lead	7439-92-1	mg/L	2/11/2010	0.004	n/a	ND	
GU-3	d	Nickel	7440-02-0	mg/L	2/11/2010	0.05	n/a	ND	
GU-3	d	Selenium	7782-49-2	mg/L	2/11/2010	0.005	n/a	ND	
GU-3	d	Silver	7440-22-4	mg/L	2/11/2010	0.02	n/a	ND	
GU-3	d	Thallium	7440-28-0	mg/L	2/11/2010	0.002	n/a	ND	
GU-3	d	Vanadium	7440-62-2	mg/L	2/11/2010	0.05	n/a	ND	

Table 9A
Analytical Data Summary - Phase II MSWLF
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Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
GU-3	d	Zinc	7440-66-6	mg/L	2/11/2010	n/a	n/a		0.0592
GU-3	d	Acetone	67-64-1	ug/L	2/11/2010	10	n/a	ND	
GU-3	d	Acrylonitrile	107-13-1	ug/L	2/11/2010	10	n/a	ND	
GU-3	d	Benzene	71-43-2	ug/L	2/11/2010	0.5	n/a	ND	
GU-3	d	Bromochloromethane	74-97-5	ug/L	2/11/2010	5	n/a	ND	
GU-3	d	Bromodichloromethane	75-27-4	ug/L	2/11/2010	1	n/a	ND	
GU-3	d	Bromoform	75-25-2	ug/L	2/11/2010	5	n/a	ND	
GU-3	d	Carbon disulfide	75-15-0	ug/L	2/11/2010	1	n/a	ND	
GU-3	d	Carbon Tetrachloride	56-23-5	ug/L	2/11/2010	2	n/a	ND	
GU-3	d	Chlorobenzene	108-90-7	ug/L	2/11/2010	1	n/a	ND	
GU-3	d	Chloroethane	75-00-3	ug/L	2/11/2010	4	n/a	ND	
GU-3	d	Chloroform	67-66-3	ug/L	2/11/2010	1	n/a	ND	
GU-3	d	Chlorodibromomethane	124-48-1	ug/L	2/11/2010	5	n/a	ND	
GU-3	d	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	2/11/2010	0.498	n/a	ND	
GU-3	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	2/11/2010	0.255	n/a	ND	
GU-3	d	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	2/11/2010	10	n/a	ND	
GU-3	d	1,1-Dichloroethane	75-34-3	ug/L	2/11/2010	1	n/a	ND	
GU-3	d	1,2-Dichloroethane	107-06-2	ug/L	2/11/2010	1	n/a	ND	
GU-3	d	1,1-Dichloroethene	75-35-4	ug/L	2/11/2010	2	n/a	ND	
GU-3	d	cis-1,2-Dichloroethene	156-59-2	ug/L	2/11/2010	1	n/a	ND	
GU-3	d	trans-1,2-Dichloroethene	156-60-5	ug/L	2/11/2010	1	n/a	ND	
GU-3	d	1,2-Dichloropropane	78-87-5	ug/L	2/11/2010	1	n/a	ND	
GU-3	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	2/11/2010	5	n/a	ND	
GU-3	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	2/11/2010	5	n/a	ND	
GU-3	d	1,2-Dichlorobenzene	95-50-1	ug/L	2/11/2010	1	n/a	ND	
GU-3	d	1,4-Dichlorobenzene	106-46-7	ug/L	2/11/2010	1	n/a	ND	
GU-3	d	Ethylbenzene	100-41-4	ug/L	2/11/2010	1	n/a	ND	
GU-3	d	2-Hexanone	591-78-6	ug/L	2/11/2010	10	n/a	ND	
GU-3	d	Bromomethane	74-83-9	ug/L	2/11/2010	4	n/a	ND	
GU-3	d	Chloromethane	74-87-3	ug/L	2/11/2010	3	n/a	ND	
GU-3	d	2-Butanone	78-93-3	ug/L	2/11/2010	10	n/a	ND	
GU-3	d	Iodomethane	74-88-4	ug/L	2/11/2010	10	n/a	ND	
GU-3	d	4-Methyl-2-pentanone	108-10-1	ug/L	2/11/2010	10	n/a	ND	
GU-3	d	Methylene Bromide	74-95-3	ug/L	2/11/2010	1	n/a	ND	
GU-3	d	Methylene Chloride	75-09-2	ug/L	2/11/2010	5	n/a	ND	
GU-3	d	Styrene	100-42-5	ug/L	2/11/2010	1	n/a	ND	
GU-3	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	2/11/2010	1	n/a	ND	
GU-3	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	2/11/2010	1	n/a	ND	
GU-3	d	Tetrachloroethene	127-18-4	ug/L	2/11/2010	1	n/a	ND	
GU-3	d	Toluene	108-88-3	ug/L	2/11/2010	1	n/a	ND	
GU-3	d	1,1,1-Trichloroethane	71-55-6	ug/L	2/11/2010	1	n/a	ND	
GU-3	d	1,1,2-Trichloroethane	79-00-5	ug/L	2/11/2010	1	n/a	ND	
GU-3	d	Trichloroethene	79-01-6	ug/L	2/11/2010	1	n/a	ND	
GU-3	d	Trichlorofluoromethane	75-69-4	ug/L	2/11/2010	4	n/a	ND	
GU-3	d	1,2,3-Trichloropropane	96-18-4	ug/L	2/11/2010	1	n/a	ND	
GU-3	d	Vinyl acetate	108-05-4	ug/L	2/11/2010	2	n/a	ND	
GU-3	d	Vinyl chloride	75-01-4	ug/L	2/11/2010	1	n/a	ND	
GU-3	d	Xylenes, total	1330-20-7	ug/L	2/11/2010	3	n/a	ND	
GU-3BG	u	Antimony	7440-36-0	mg/L	2/11/2010	0.006	n/a	ND	
GU-3BG	u	Arsenic	7440-38-2	mg/L	2/11/2010	0.003	n/a	ND	
GU-3BG	u	Barium	7440-39-3	mg/L	2/11/2010	n/a	n/a		0.165
GU-3BG	u	Beryllium	7440-41-7	mg/L	2/11/2010	0.001	n/a	ND	
GU-3BG	u	Cadmium	7440-43-9	mg/L	2/11/2010	0.0005	n/a	ND	
GU-3BG	u	Chromium	7440-47-3	mg/L	2/11/2010	0.02	n/a	ND	
GU-3BG	u	Cobalt	7440-48-4	mg/L	2/11/2010	n/a	n/a		0.00207
GU-3BG	u	Copper	7440-50-8	mg/L	2/11/2010	0.02	n/a	ND	
GU-3BG	u	Lead	7439-92-1	mg/L	2/11/2010	0.004	n/a	ND	
GU-3BG	u	Nickel	7440-02-0	mg/L	2/11/2010	0.05	n/a	ND	
GU-3BG	u	Selenium	7782-49-2	mg/L	2/11/2010	0.005	n/a	ND	
GU-3BG	u	Silver	7440-22-4	mg/L	2/11/2010	0.02	n/a	ND	
GU-3BG	u	Thallium	7440-28-0	mg/L	2/11/2010	0.002	n/a	ND	
GU-3BG	u	Vanadium	7440-62-2	mg/L	2/11/2010	0.05	n/a	ND	
GU-3BG	u	Zinc	7440-66-6	mg/L	2/11/2010	n/a	n/a		0.0592
GU-3BG	u	Acetone	67-64-1	ug/L	2/11/2010	10	n/a	ND	
GU-3BG	u	Acrylonitrile	107-13-1	ug/L	2/11/2010	10	n/a	ND	
GU-3BG	u	Benzene	71-43-2	ug/L	2/11/2010	0.5	n/a	ND	
GU-3BG	u	Bromochloromethane	74-97-5	ug/L	2/11/2010	5	n/a	ND	
GU-3BG	u	Bromodichloromethane	75-27-4	ug/L	2/11/2010	1	n/a	ND	
GU-3BG	u	Bromoform	75-25-2	ug/L	2/11/2010	5	n/a	ND	
GU-3BG	u	Carbon disulfide	75-15-0	ug/L	2/11/2010	1	n/a	ND	
GU-3BG	u	Carbon Tetrachloride	56-23-5	ug/L	2/11/2010	2	n/a	ND	
GU-3BG	u	Chlorobenzene	108-90-7	ug/L	2/11/2010	1	n/a	ND	
GU-3BG	u	Chloroethane	75-00-3	ug/L	2/11/2010	4	n/a	ND	
GU-3BG	u	Chloroform	67-66-3	ug/L	2/11/2010	1	n/a	ND	
GU-3BG	u	Chlorodibromomethane	124-48-1	ug/L	2/11/2010	5	n/a	ND	

Table 9A
Analytical Data Summary - Phase II MSWLF
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Phase II MSWLF and CWTS
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Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
GU-3BG	u	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	2/11/2010	0.498	n/a	ND	
GU-3BG	u	1,2-Dibromoethane [EDB]	106-93-4	ug/L	2/11/2010	0.255	n/a	ND	
GU-3BG	u	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	2/11/2010	10	n/a	ND	
GU-3BG	u	1,1-Dichloroethane	75-34-3	ug/L	2/11/2010	1	n/a	ND	
GU-3BG	u	1,2-Dichloroethane	107-06-2	ug/L	2/11/2010	1	n/a	ND	
GU-3BG	u	1,1-Dichloroethene	75-35-4	ug/L	2/11/2010	2	n/a	ND	
GU-3BG	u	cis-1,2-Dichloroethene	156-59-2	ug/L	2/11/2010	1	n/a	ND	
GU-3BG	u	trans-1,2-Dichloroethene	156-60-5	ug/L	2/11/2010	1	n/a	ND	
GU-3BG	u	1,2-Dichloropropane	78-87-5	ug/L	2/11/2010	1	n/a	ND	
GU-3BG	u	cis-1,3-Dichloropropene	10061-01-5	ug/L	2/11/2010	5	n/a	ND	
GU-3BG	u	trans-1,3-Dichloropropene	10061-02-6	ug/L	2/11/2010	5	n/a	ND	
GU-3BG	u	1,2-Dichlorobenzene	95-50-1	ug/L	2/11/2010	1	n/a	ND	
GU-3BG	u	1,4-Dichlorobenzene	106-46-7	ug/L	2/11/2010	1	n/a	ND	
GU-3BG	u	Ethylbenzene	100-41-4	ug/L	2/11/2010	1	n/a	ND	
GU-3BG	u	2-Hexanone	591-78-6	ug/L	2/11/2010	10	n/a	ND	
GU-3BG	u	Bromomethane	74-83-9	ug/L	2/11/2010	4	n/a	ND	
GU-3BG	u	Chloromethane	74-87-3	ug/L	2/11/2010	3	n/a	ND	
GU-3BG	u	2-Butanone	78-93-3	ug/L	2/11/2010	10	n/a	ND	
GU-3BG	u	Iodomethane	74-88-4	ug/L	2/11/2010	10	n/a	ND	
GU-3BG	u	4-Methyl-2-pentanone	108-10-1	ug/L	2/11/2010	10	n/a	ND	
GU-3BG	u	Methylene Bromide	74-95-3	ug/L	2/11/2010	1	n/a	ND	
GU-3BG	u	Methylene Chloride	75-09-2	ug/L	2/11/2010	5	n/a	ND	
GU-3BG	u	Styrene	100-42-5	ug/L	2/11/2010	1	n/a	ND	
GU-3BG	u	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	2/11/2010	1	n/a	ND	
GU-3BG	u	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	2/11/2010	1	n/a	ND	
GU-3BG	u	Tetrachloroethene	127-18-4	ug/L	2/11/2010	1	n/a	ND	
GU-3BG	u	Toluene	108-88-3	ug/L	2/11/2010	1	n/a	ND	
GU-3BG	u	1,1,1-Trichloroethane	71-55-6	ug/L	2/11/2010	1	n/a	ND	
GU-3BG	u	1,1,2-Trichloroethane	79-00-5	ug/L	2/11/2010	1	n/a	ND	
GU-3BG	u	Trichloroethene	79-01-6	ug/L	2/11/2010	1	n/a	ND	
GU-3BG	u	Trichlorofluoromethane	75-69-4	ug/L	2/11/2010	4	n/a	ND	
GU-3BG	u	1,2,3-Trichloropropane	96-18-4	ug/L	2/11/2010	1	n/a	ND	
GU-3BG	u	Vinyl acetate	108-05-4	ug/L	2/11/2010	2	n/a	ND	
GU-3BG	u	Vinyl chloride	75-01-4	ug/L	2/11/2010	1	n/a	ND	
GU-3BG	u	Xylenes, total	1330-20-7	ug/L	2/11/2010	3	n/a	ND	
GU-4	d	Antimony	7440-36-0	mg/L	2/11/2010	0.018	n/a	ND	
GU-4	d	Arsenic	7440-38-2	mg/L	2/11/2010	0.005	n/a	ND	
GU-4	d	Barium	7440-39-3	mg/L	2/11/2010	n/a	n/a		0.0185
GU-4	d	Beryllium	7440-41-7	mg/L	2/11/2010	0.001	n/a	ND	
GU-4	d	Cadmium	7440-43-9	mg/L	2/11/2010	n/a	n/a		0.000641
GU-4	d	Chromium	7440-47-3	mg/L	2/11/2010	0.02	n/a	ND	
GU-4	d	Cobalt	7440-48-4	mg/L	2/11/2010	0.00155	n/a	ND	
GU-4	d	Copper	7440-50-8	mg/L	2/11/2010	0.02	n/a	ND	
GU-4	d	Lead	7439-92-1	mg/L	2/11/2010	0.004	n/a	ND	
GU-4	d	Nickel	7440-02-0	mg/L	2/11/2010	0.05	n/a	ND	
GU-4	d	Selenium	7782-49-2	mg/L	2/11/2010	0.005	n/a	ND	
GU-4	d	Silver	7440-22-4	mg/L	2/11/2010	0.02	n/a	ND	
GU-4	d	Thallium	7440-28-0	mg/L	2/11/2010	0.002	n/a	ND	
GU-4	d	Vanadium	7440-62-2	mg/L	2/11/2010	0.05	n/a	ND	
GU-4	d	Zinc	7440-66-6	mg/L	2/11/2010	n/a	n/a		0.264
GU-4	d	Acetone	67-64-1	ug/L	2/11/2010	10	n/a	ND	
GU-4	d	Acrylonitrile	107-13-1	ug/L	2/11/2010	10	n/a	ND	
GU-4	d	Benzene	71-43-2	ug/L	2/11/2010	0.5	n/a	ND	
GU-4	d	Bromochloromethane	74-97-5	ug/L	2/11/2010	5	n/a	ND	
GU-4	d	Bromodichloromethane	75-27-4	ug/L	2/11/2010	1	n/a	ND	
GU-4	d	Bromoform	75-25-2	ug/L	2/11/2010	5	n/a	ND	
GU-4	d	Carbon disulfide	75-15-0	ug/L	2/11/2010	1	n/a	ND	
GU-4	d	Carbon Tetrachloride	56-23-5	ug/L	2/11/2010	2	n/a	ND	
GU-4	d	Chlorobenzene	108-90-7	ug/L	2/11/2010	1	n/a	ND	
GU-4	d	Chloroethane	75-00-3	ug/L	2/11/2010	4	n/a	ND	
GU-4	d	Chloroform	67-66-3	ug/L	2/11/2010	1	n/a	ND	
GU-4	d	Chlorodibromomethane	124-48-1	ug/L	2/11/2010	5	n/a	ND	
GU-4	d	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	2/11/2010	0.498	n/a	ND	
GU-4	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	2/11/2010	0.255	n/a	ND	
GU-4	d	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	2/11/2010	10	n/a	ND	
GU-4	d	1,1-Dichloroethane	75-34-3	ug/L	2/11/2010	1	n/a	ND	
GU-4	d	1,2-Dichloroethane	107-06-2	ug/L	2/11/2010	1	n/a	ND	
GU-4	d	1,1-Dichloroethene	75-35-4	ug/L	2/11/2010	2	n/a	ND	
GU-4	d	cis-1,2-Dichloroethene	156-59-2	ug/L	2/11/2010	1	n/a	ND	
GU-4	d	trans-1,2-Dichloroethene	156-60-5	ug/L	2/11/2010	1	n/a	ND	
GU-4	d	1,2-Dichloropropane	78-87-5	ug/L	2/11/2010	1	n/a	ND	
GU-4	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	2/11/2010	5	n/a	ND	
GU-4	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	2/11/2010	5	n/a	ND	
GU-4	d	1,2-Dichlorobenzene	95-50-1	ug/L	2/11/2010	1	n/a	ND	
GU-4	d	1,4-Dichlorobenzene	106-46-7	ug/L	2/11/2010	1	n/a	ND	

Table 9A
Analytical Data Summary - Phase II MSWLF
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Phase II MSWLF and CWTS
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Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
GU-4	d	Ethylbenzene	100-41-4	ug/L	2/11/2010	1	n/a	ND	
GU-4	d	2-Hexanone	591-78-6	ug/L	2/11/2010	10	n/a	ND	
GU-4	d	Bromomethane	74-83-9	ug/L	2/11/2010	4	n/a	ND	
GU-4	d	Chloromethane	74-87-3	ug/L	2/11/2010	3	n/a	ND	
GU-4	d	2-Butanone	78-93-3	ug/L	2/11/2010	10	n/a	ND	
GU-4	d	Iodomethane	74-88-4	ug/L	2/11/2010	10	n/a	ND	
GU-4	d	4-Methyl-2-pentanone	108-10-1	ug/L	2/11/2010	10	n/a	ND	
GU-4	d	Methylene Bromide	74-95-3	ug/L	2/11/2010	1	n/a	ND	
GU-4	d	Methylene Chloride	75-09-2	ug/L	2/11/2010	5	n/a	ND	
GU-4	d	Styrene	100-42-5	ug/L	2/11/2010	1	n/a	ND	
GU-4	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	2/11/2010	1	n/a	ND	
GU-4	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	2/11/2010	1	n/a	ND	
GU-4	d	Tetrachloroethene	127-18-4	ug/L	2/11/2010	1	n/a	ND	
GU-4	d	Toluene	108-88-3	ug/L	2/11/2010	1	n/a	ND	
GU-4	d	1,1,1-Trichloroethane	71-55-6	ug/L	2/11/2010	1	n/a	ND	
GU-4	d	1,1,2-Trichloroethane	79-00-5	ug/L	2/11/2010	1	n/a	ND	
GU-4	d	Trichloroethene	79-01-6	ug/L	2/11/2010	1	n/a	ND	
GU-4	d	Trichlorofluoromethane	75-69-4	ug/L	2/11/2010	4	n/a	ND	
GU-4	d	1,2,3-Trichloropropane	96-18-4	ug/L	2/11/2010	1	n/a	ND	
GU-4	d	Vinyl acetate	108-05-4	ug/L	2/11/2010	2	n/a	ND	
GU-4	d	Vinyl chloride	75-01-4	ug/L	2/11/2010	1	n/a	ND	
GU-4	d	Xylenes, total	1330-20-7	ug/L	2/11/2010	3	n/a	ND	
GU-4BG	u	Antimony	7440-36-0	mg/L	2/11/2010	0.018	n/a	ND	
GU-4BG	u	Arsenic	7440-38-2	mg/L	2/11/2010	0.005	n/a	ND	
GU-4BG	u	Barium	7440-39-3	mg/L	2/11/2010	n/a	n/a		0.0185
GU-4BG	u	Beryllium	7440-41-7	mg/L	2/11/2010	0.001	n/a	ND	
GU-4BG	u	Cadmium	7440-43-9	mg/L	2/11/2010	n/a	n/a		0.000641
GU-4BG	u	Chromium	7440-47-3	mg/L	2/11/2010	0.02	n/a	ND	
GU-4BG	u	Cobalt	7440-48-4	mg/L	2/11/2010	0.00155	n/a	ND	
GU-4BG	u	Copper	7440-50-8	mg/L	2/11/2010	0.02	n/a	ND	
GU-4BG	u	Lead	7439-92-1	mg/L	2/11/2010	0.004	n/a	ND	
GU-4BG	u	Nickel	7440-02-0	mg/L	2/11/2010	0.05	n/a	ND	
GU-4BG	u	Selenium	7782-49-2	mg/L	2/11/2010	0.005	n/a	ND	
GU-4BG	u	Silver	7440-22-4	mg/L	2/11/2010	0.02	n/a	ND	
GU-4BG	u	Thallium	7440-28-0	mg/L	2/11/2010	0.002	n/a	ND	
GU-4BG	u	Vanadium	7440-62-2	mg/L	2/11/2010	0.05	n/a	ND	
GU-4BG	u	Zinc	7440-66-6	mg/L	2/11/2010	n/a	n/a		0.264
GU-4BG	u	Acetone	67-64-1	ug/L	2/11/2010	10	n/a	ND	
GU-4BG	u	Acrylonitrile	107-13-1	ug/L	2/11/2010	10	n/a	ND	
GU-4BG	u	Benzene	71-43-2	ug/L	2/11/2010	0.5	n/a	ND	
GU-4BG	u	Bromochloromethane	74-97-5	ug/L	2/11/2010	5	n/a	ND	
GU-4BG	u	Bromodichloromethane	75-27-4	ug/L	2/11/2010	1	n/a	ND	
GU-4BG	u	Bromoform	75-25-2	ug/L	2/11/2010	5	n/a	ND	
GU-4BG	u	Carbon disulfide	75-15-0	ug/L	2/11/2010	1	n/a	ND	
GU-4BG	u	Carbon Tetrachloride	56-23-5	ug/L	2/11/2010	2	n/a	ND	
GU-4BG	u	Chlorobenzene	108-90-7	ug/L	2/11/2010	1	n/a	ND	
GU-4BG	u	Chloroethane	75-00-3	ug/L	2/11/2010	4	n/a	ND	
GU-4BG	u	Chloroform	67-66-3	ug/L	2/11/2010	1	n/a	ND	
GU-4BG	u	Chlorodibromomethane	124-48-1	ug/L	2/11/2010	5	n/a	ND	
GU-4BG	u	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	2/11/2010	0.498	n/a	ND	
GU-4BG	u	1,2-Dibromoethane [EDB]	106-93-4	ug/L	2/11/2010	0.255	n/a	ND	
GU-4BG	u	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	2/11/2010	10	n/a	ND	
GU-4BG	u	1,1-Dichloroethane	75-34-3	ug/L	2/11/2010	1	n/a	ND	
GU-4BG	u	1,2-Dichloroethane	107-06-2	ug/L	2/11/2010	1	n/a	ND	
GU-4BG	u	1,1-Dichloroethene	75-35-4	ug/L	2/11/2010	2	n/a	ND	
GU-4BG	u	cis-1,2-Dichloroethene	156-59-2	ug/L	2/11/2010	1	n/a	ND	
GU-4BG	u	trans-1,2-Dichloroethene	156-60-5	ug/L	2/11/2010	1	n/a	ND	
GU-4BG	u	1,2-Dichloropropane	78-87-5	ug/L	2/11/2010	1	n/a	ND	
GU-4BG	u	cis-1,3-Dichloropropene	10061-01-5	ug/L	2/11/2010	5	n/a	ND	
GU-4BG	u	trans-1,3-Dichloropropene	10061-02-6	ug/L	2/11/2010	5	n/a	ND	
GU-4BG	u	1,2-Dichlorobenzene	95-50-1	ug/L	2/11/2010	1	n/a	ND	
GU-4BG	u	1,4-Dichlorobenzene	106-46-7	ug/L	2/11/2010	1	n/a	ND	
GU-4BG	u	Ethylbenzene	100-41-4	ug/L	2/11/2010	1	n/a	ND	
GU-4BG	u	2-Hexanone	591-78-6	ug/L	2/11/2010	10	n/a	ND	
GU-4BG	u	Bromomethane	74-83-9	ug/L	2/11/2010	4	n/a	ND	
GU-4BG	u	Chloromethane	74-87-3	ug/L	2/11/2010	3	n/a	ND	
GU-4BG	u	2-Butanone	78-93-3	ug/L	2/11/2010	10	n/a	ND	
GU-4BG	u	Iodomethane	74-88-4	ug/L	2/11/2010	10	n/a	ND	
GU-4BG	u	4-Methyl-2-pentanone	108-10-1	ug/L	2/11/2010	10	n/a	ND	
GU-4BG	u	Methylene Bromide	74-95-3	ug/L	2/11/2010	1	n/a	ND	
GU-4BG	u	Methylene Chloride	75-09-2	ug/L	2/11/2010	5	n/a	ND	
GU-4BG	u	Styrene	100-42-5	ug/L	2/11/2010	1	n/a	ND	
GU-4BG	u	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	2/11/2010	1	n/a	ND	
GU-4BG	u	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	2/11/2010	1	n/a	ND	
GU-4BG	u	Tetrachloroethene	127-18-4	ug/L	2/11/2010	1	n/a	ND	

Table 9A
Analytical Data Summary - Phase II MSWLF
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Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
GU-4BG	u	Toluene	108-88-3	ug/L	2/11/2010	1	n/a	ND	
GU-4BG	u	1,1,1-Trichloroethane	71-55-6	ug/L	2/11/2010	1	n/a	ND	
GU-4BG	u	1,1,2-Trichloroethane	79-00-5	ug/L	2/11/2010	1	n/a	ND	
GU-4BG	u	Trichloroethene	79-01-6	ug/L	2/11/2010	1	n/a	ND	
GU-4BG	u	Trichlorofluoromethane	75-69-4	ug/L	2/11/2010	4	n/a	ND	
GU-4BG	u	1,2,3-Trichloropropane	96-18-4	ug/L	2/11/2010	1	n/a	ND	
GU-4BG	u	Vinyl acetate	108-05-4	ug/L	2/11/2010	2	n/a	ND	
GU-4BG	u	Vinyl chloride	75-01-4	ug/L	2/11/2010	1	n/a	ND	
GU-4BG	u	Xylenes, total	1330-20-7	ug/L	2/11/2010	3	n/a	ND	
GU-5	d	Antimony	7440-36-0	mg/L	2/11/2010	0.018	n/a	ND	
GU-5	d	Arsenic	7440-38-2	mg/L	2/11/2010	0.005	n/a	ND	
GU-5	d	Barium	7440-39-3	mg/L	2/11/2010	n/a	n/a		0.0751
GU-5	d	Beryllium	7440-41-7	mg/L	2/11/2010	0.001	n/a	ND	
GU-5	d	Cadmium	7440-43-9	mg/L	2/11/2010	0.0005	n/a	ND	
GU-5	d	Chromium	7440-47-3	mg/L	2/11/2010	0.02	n/a	ND	
GU-5	d	Cobalt	7440-48-4	mg/L	2/11/2010	n/a	n/a		0.00274
GU-5	d	Copper	7440-50-8	mg/L	2/11/2010	0.02	n/a	ND	
GU-5	d	Lead	7439-92-1	mg/L	2/11/2010	0.004	n/a	ND	
GU-5	d	Nickel	7440-02-0	mg/L	2/11/2010	0.05	n/a	ND	
GU-5	d	Selenium	7782-49-2	mg/L	2/11/2010	0.005	n/a	ND	
GU-5	d	Silver	7440-22-4	mg/L	2/11/2010	0.02	n/a	ND	
GU-5	d	Thallium	7440-28-0	mg/L	2/11/2010	0.002	n/a	ND	
GU-5	d	Vanadium	7440-62-2	mg/L	2/11/2010	0.05	n/a	ND	
GU-5	d	Zinc	7440-66-6	mg/L	2/11/2010	n/a	n/a		0.0962
GU-5	d	Acetone	67-64-1	ug/L	2/11/2010	10	n/a	ND	
GU-5	d	Acrylonitrile	107-13-1	ug/L	2/11/2010	10	n/a	ND	
GU-5	d	Benzene	71-43-2	ug/L	2/11/2010	0.5	n/a	ND	
GU-5	d	Bromochloromethane	74-97-5	ug/L	2/11/2010	5	n/a	ND	
GU-5	d	Bromodichloromethane	75-27-4	ug/L	2/11/2010	1	n/a	ND	
GU-5	d	Bromoform	75-25-2	ug/L	2/11/2010	5	n/a	ND	
GU-5	d	Carbon disulfide	75-15-0	ug/L	2/11/2010	1	n/a	ND	
GU-5	d	Carbon Tetrachloride	56-23-5	ug/L	2/11/2010	2	n/a	ND	
GU-5	d	Chlorobenzene	108-90-7	ug/L	2/11/2010	1	n/a	ND	
GU-5	d	Chloroethane	75-00-3	ug/L	2/11/2010	4	n/a	ND	
GU-5	d	Chloroform	67-66-3	ug/L	2/11/2010	1	n/a	ND	
GU-5	d	Chlorodibromomethane	124-48-1	ug/L	2/11/2010	5	n/a	ND	
GU-5	d	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	2/11/2010	0.498	n/a	ND	
GU-5	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	2/11/2010	0.255	n/a	ND	
GU-5	d	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	2/11/2010	10	n/a	ND	
GU-5	d	1,1-Dichloroethane	75-34-3	ug/L	2/11/2010	1	n/a	ND	
GU-5	d	1,2-Dichloroethane	107-06-2	ug/L	2/11/2010	1	n/a	ND	
GU-5	d	1,1-Dichloroethene	75-35-4	ug/L	2/11/2010	2	n/a	ND	
GU-5	d	cis-1,2-Dichloroethene	156-59-2	ug/L	2/11/2010	1	n/a	ND	
GU-5	d	trans-1,2-Dichloroethene	156-60-5	ug/L	2/11/2010	1	n/a	ND	
GU-5	d	1,2-Dichloropropane	78-87-5	ug/L	2/11/2010	1	n/a	ND	
GU-5	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	2/11/2010	5	n/a	ND	
GU-5	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	2/11/2010	5	n/a	ND	
GU-5	d	1,2-Dichlorobenzene	95-50-1	ug/L	2/11/2010	1	n/a	ND	
GU-5	d	1,4-Dichlorobenzene	106-46-7	ug/L	2/11/2010	1	n/a	ND	
GU-5	d	Ethylbenzene	100-41-4	ug/L	2/11/2010	1	n/a	ND	
GU-5	d	2-Hexanone	591-78-6	ug/L	2/11/2010	10	n/a	ND	
GU-5	d	Bromomethane	74-83-9	ug/L	2/11/2010	4	n/a	ND	
GU-5	d	Chloromethane	74-87-3	ug/L	2/11/2010	3	n/a	ND	
GU-5	d	2-Butanone	78-93-3	ug/L	2/11/2010	10	n/a	ND	
GU-5	d	Iodomethane	74-88-4	ug/L	2/11/2010	10	n/a	ND	
GU-5	d	4-Methyl-2-pentanone	108-10-1	ug/L	2/11/2010	10	n/a	ND	
GU-5	d	Methylene Bromide	74-95-3	ug/L	2/11/2010	1	n/a	ND	
GU-5	d	Methylene Chloride	75-09-2	ug/L	2/11/2010	5	n/a	ND	
GU-5	d	Styrene	100-42-5	ug/L	2/11/2010	1	n/a	ND	
GU-5	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	2/11/2010	1	n/a	ND	
GU-5	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	2/11/2010	1	n/a	ND	
GU-5	d	Tetrachloroethene	127-18-4	ug/L	2/11/2010	1	n/a	ND	
GU-5	d	Toluene	108-88-3	ug/L	2/11/2010	1	n/a	ND	
GU-5	d	1,1,1-Trichloroethane	71-55-6	ug/L	2/11/2010	1	n/a	ND	
GU-5	d	1,1,2-Trichloroethane	79-00-5	ug/L	2/11/2010	1	n/a	ND	
GU-5	d	Trichloroethene	79-01-6	ug/L	2/11/2010	1	n/a	ND	
GU-5	d	Trichlorofluoromethane	75-69-4	ug/L	2/11/2010	n/a	n/a		5.93
GU-5	d	1,2,3-Trichloropropane	96-18-4	ug/L	2/11/2010	1	n/a	ND	
GU-5	d	Vinyl acetate	108-05-4	ug/L	2/11/2010	2	n/a	ND	
GU-5	d	Vinyl chloride	75-01-4	ug/L	2/11/2010	1	n/a	ND	
GU-5	d	Xylenes, total	1330-20-7	ug/L	2/11/2010	3	n/a	ND	
GU-5BG	u	Antimony	7440-36-0	mg/L	2/11/2010	0.018	n/a	ND	
GU-5BG	u	Arsenic	7440-38-2	mg/L	2/11/2010	0.005	n/a	ND	
GU-5BG	u	Barium	7440-39-3	mg/L	2/11/2010	n/a	n/a		0.0751
GU-5BG	u	Beryllium	7440-41-7	mg/L	2/11/2010	0.001	n/a	ND	

Table 9A
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Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
GU-5BG	u	Cadmium	7440-43-9	mg/L	2/11/2010	0.0005	n/a	ND	
GU-5BG	u	Chromium	7440-47-3	mg/L	2/11/2010	0.02	n/a	ND	
GU-5BG	u	Cobalt	7440-48-4	mg/L	2/11/2010	n/a	n/a		0.00274
GU-5BG	u	Copper	7440-50-8	mg/L	2/11/2010	0.02	n/a	ND	
GU-5BG	u	Lead	7439-92-1	mg/L	2/11/2010	0.004	n/a	ND	
GU-5BG	u	Nickel	7440-02-0	mg/L	2/11/2010	0.05	n/a	ND	
GU-5BG	u	Selenium	7782-49-2	mg/L	2/11/2010	0.005	n/a	ND	
GU-5BG	u	Silver	7440-22-4	mg/L	2/11/2010	0.02	n/a	ND	
GU-5BG	u	Thallium	7440-28-0	mg/L	2/11/2010	0.002	n/a	ND	
GU-5BG	u	Vanadium	7440-62-2	mg/L	2/11/2010	0.05	n/a	ND	
GU-5BG	u	Zinc	7440-66-6	mg/L	2/11/2010	n/a	n/a		0.0962
GU-5BG	u	Acetone	67-64-1	ug/L	2/11/2010	10	n/a	ND	
GU-5BG	u	Acrylonitrile	107-13-1	ug/L	2/11/2010	10	n/a	ND	
GU-5BG	u	Benzene	71-43-2	ug/L	2/11/2010	0.5	n/a	ND	
GU-5BG	u	Bromochloromethane	74-97-5	ug/L	2/11/2010	5	n/a	ND	
GU-5BG	u	Bromodichloromethane	75-27-4	ug/L	2/11/2010	1	n/a	ND	
GU-5BG	u	Bromoform	75-25-2	ug/L	2/11/2010	5	n/a	ND	
GU-5BG	u	Carbon disulfide	75-15-0	ug/L	2/11/2010	1	n/a	ND	
GU-5BG	u	Carbon Tetrachloride	56-23-5	ug/L	2/11/2010	2	n/a	ND	
GU-5BG	u	Chlorobenzene	108-90-7	ug/L	2/11/2010	1	n/a	ND	
GU-5BG	u	Chloroethane	75-00-3	ug/L	2/11/2010	4	n/a	ND	
GU-5BG	u	Chloroform	67-66-3	ug/L	2/11/2010	1	n/a	ND	
GU-5BG	u	Chlorodibromomethane	124-48-1	ug/L	2/11/2010	5	n/a	ND	
GU-5BG	u	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	2/11/2010	0.498	n/a	ND	
GU-5BG	u	1,2-Dibromoethane [EDB]	106-93-4	ug/L	2/11/2010	0.255	n/a	ND	
GU-5BG	u	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	2/11/2010	10	n/a	ND	
GU-5BG	u	1,1-Dichloroethane	75-34-3	ug/L	2/11/2010	1	n/a	ND	
GU-5BG	u	1,2-Dichloroethane	107-06-2	ug/L	2/11/2010	1	n/a	ND	
GU-5BG	u	1,1-Dichloroethene	75-35-4	ug/L	2/11/2010	2	n/a	ND	
GU-5BG	u	cis-1,2-Dichloroethene	156-59-2	ug/L	2/11/2010	1	n/a	ND	
GU-5BG	u	trans-1,2-Dichloroethene	156-60-5	ug/L	2/11/2010	1	n/a	ND	
GU-5BG	u	1,2-Dichloropropane	78-87-5	ug/L	2/11/2010	1	n/a	ND	
GU-5BG	u	cis-1,3-Dichloropropene	10061-01-5	ug/L	2/11/2010	5	n/a	ND	
GU-5BG	u	trans-1,3-Dichloropropene	10061-02-6	ug/L	2/11/2010	5	n/a	ND	
GU-5BG	u	1,2-Dichlorobenzene	95-50-1	ug/L	2/11/2010	1	n/a	ND	
GU-5BG	u	1,4-Dichlorobenzene	106-46-7	ug/L	2/11/2010	1	n/a	ND	
GU-5BG	u	Ethylbenzene	100-41-4	ug/L	2/11/2010	1	n/a	ND	
GU-5BG	u	2-Hexanone	591-78-6	ug/L	2/11/2010	10	n/a	ND	
GU-5BG	u	Bromomethane	74-83-9	ug/L	2/11/2010	4	n/a	ND	
GU-5BG	u	Chloromethane	74-87-3	ug/L	2/11/2010	3	n/a	ND	
GU-5BG	u	2-Butanone	78-93-3	ug/L	2/11/2010	10	n/a	ND	
GU-5BG	u	Iodomethane	74-88-4	ug/L	2/11/2010	10	n/a	ND	
GU-5BG	u	4-Methyl-2-pentanone	108-10-1	ug/L	2/11/2010	10	n/a	ND	
GU-5BG	u	Methylene Bromide	74-95-3	ug/L	2/11/2010	1	n/a	ND	
GU-5BG	u	Methylene Chloride	75-09-2	ug/L	2/11/2010	5	n/a	ND	
GU-5BG	u	Styrene	100-42-5	ug/L	2/11/2010	1	n/a	ND	
GU-5BG	u	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	2/11/2010	1	n/a	ND	
GU-5BG	u	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	2/11/2010	1	n/a	ND	
GU-5BG	u	Tetrachloroethene	127-18-4	ug/L	2/11/2010	1	n/a	ND	
GU-5BG	u	Toluene	108-88-3	ug/L	2/11/2010	1	n/a	ND	
GU-5BG	u	1,1,1-Trichloroethane	71-55-6	ug/L	2/11/2010	1	n/a	ND	
GU-5BG	u	1,1,2-Trichloroethane	79-00-5	ug/L	2/11/2010	1	n/a	ND	
GU-5BG	u	Trichloroethene	79-01-6	ug/L	2/11/2010	1	n/a	ND	
GU-5BG	u	Trichlorofluoromethane	75-69-4	ug/L	2/11/2010	n/a	n/a		5.93
GU-5BG	u	1,2,3-Trichloropropane	96-18-4	ug/L	2/11/2010	1	n/a	ND	
GU-5BG	u	Vinyl acetate	108-05-4	ug/L	2/11/2010	2	n/a	ND	
GU-5BG	u	Vinyl chloride	75-01-4	ug/L	2/11/2010	1	n/a	ND	
GU-5BG	u	Xylenes, total	1330-20-7	ug/L	2/11/2010	3	n/a	ND	
MW-26	u	Antimony	7440-36-0	mg/L	3/23/2010	0.006	n/a	ND	
MW-26	u	Antimony	7440-36-0	mg/L	3/23/2010	0.006	n/a	ND	
MW-26	u	Arsenic	7440-38-2	mg/L	3/23/2010	0.003	n/a	ND	
MW-26	u	Arsenic	7440-38-2	mg/L	3/23/2010	0.01	n/a	ND	
MW-26	u	Barium	7440-39-3	mg/L	3/23/2010	n/a	n/a		0.0846
MW-26	u	Barium	7440-39-3	mg/L	3/23/2010	n/a	n/a		0.0821
MW-26	u	Beryllium	7440-41-7	mg/L	3/23/2010	0.001	n/a	ND	
MW-26	u	Beryllium	7440-41-7	mg/L	3/23/2010	0.001	n/a	ND	
MW-26	u	Cadmium	7440-43-9	mg/L	3/23/2010	0.0005	n/a	ND	
MW-26	u	Cadmium	7440-43-9	mg/L	3/23/2010	0.0005	n/a	ND	
MW-26	u	Chromium	7440-47-3	mg/L	3/23/2010	0.02	n/a	ND	
MW-26	u	Chromium	7440-47-3	mg/L	3/23/2010	0.02	n/a	ND	
MW-26	u	Cobalt	7440-48-4	mg/L	3/23/2010	0.00155	n/a	ND	
MW-26	u	Cobalt	7440-48-4	mg/L	3/23/2010	0.00155	n/a	ND	
MW-26	u	Copper	7440-50-8	mg/L	3/23/2010	0.02	n/a	ND	
MW-26	u	Copper	7440-50-8	mg/L	3/23/2010	0.02	n/a	ND	
MW-26	u	Lead	7439-92-1	mg/L	3/23/2010	0.004	n/a	ND	

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Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-26	u	Lead	7439-92-1	mg/L	3/23/2010	0.004	n/a	ND	
MW-26	u	Nickel	7440-02-0	mg/L	3/23/2010	0.05	n/a	ND	
MW-26	u	Nickel	7440-02-0	mg/L	3/23/2010	0.05	n/a	ND	
MW-26	u	Selenium	7782-49-2	mg/L	3/23/2010	0.005	n/a	ND	
MW-26	u	Selenium	7782-49-2	mg/L	3/23/2010	0.005	n/a	ND	
MW-26	u	Silver	7440-22-4	mg/L	3/23/2010	0.02	n/a	ND	
MW-26	u	Silver	7440-22-4	mg/L	3/23/2010	0.02	n/a	ND	
MW-26	u	Thallium	7440-28-0	mg/L	3/23/2010	0.002	n/a	ND	
MW-26	u	Thallium	7440-28-0	mg/L	3/23/2010	0.002	n/a	ND	
MW-26	u	Vanadium	7440-62-2	mg/L	3/23/2010	0.05	n/a	ND	
MW-26	u	Vanadium	7440-62-2	mg/L	3/23/2010	0.05	n/a	ND	
MW-26	u	Zinc	7440-66-6	mg/L	3/23/2010	n/a	n/a		0.0617
MW-26	u	Zinc	7440-66-6	mg/L	3/23/2010	n/a	n/a		0.0618
MW-26	u	Acetone	67-64-1	ug/L	3/23/2010	10	n/a	ND	
MW-26	u	Acetone	67-64-1	ug/L	3/23/2010	10	n/a	ND	
MW-26	u	Acrylonitrile	107-13-1	ug/L	3/23/2010	10	n/a	ND	
MW-26	u	Acrylonitrile	107-13-1	ug/L	3/23/2010	10	n/a	ND	
MW-26	u	Benzene	71-43-2	ug/L	3/23/2010	0.5	n/a	ND	
MW-26	u	Benzene	71-43-2	ug/L	3/23/2010	0.5	n/a	ND	
MW-26	u	Bromochloromethane	74-97-5	ug/L	3/23/2010	5	n/a	ND	
MW-26	u	Bromochloromethane	74-97-5	ug/L	3/23/2010	5	n/a	ND	
MW-26	u	Bromodichloromethane	75-27-4	ug/L	3/23/2010	1	n/a	ND	
MW-26	u	Bromodichloromethane	75-27-4	ug/L	3/23/2010	1	n/a	ND	
MW-26	u	Bromoform	75-25-2	ug/L	3/23/2010	5	n/a	ND	
MW-26	u	Bromoform	75-25-2	ug/L	3/23/2010	5	n/a	ND	
MW-26	u	Carbon disulfide	75-15-0	ug/L	3/23/2010	2	n/a	ND	
MW-26	u	Carbon disulfide	75-15-0	ug/L	3/23/2010	2	n/a	ND	
MW-26	u	Carbon Tetrachloride	56-23-5	ug/L	3/23/2010	2	n/a	ND	
MW-26	u	Carbon Tetrachloride	56-23-5	ug/L	3/23/2010	2	n/a	ND	
MW-26	u	Chlorobenzene	108-90-7	ug/L	3/23/2010	1	n/a	ND	
MW-26	u	Chlorobenzene	108-90-7	ug/L	3/23/2010	1	n/a	ND	
MW-26	u	Chloroethane	75-00-3	ug/L	3/23/2010	4	n/a	ND	
MW-26	u	Chloroethane	75-00-3	ug/L	3/23/2010	4	n/a	ND	
MW-26	u	Chloroform	67-66-3	ug/L	3/23/2010	1	n/a	ND	
MW-26	u	Chloroform	67-66-3	ug/L	3/23/2010	1	n/a	ND	
MW-26	u	Chlorodibromomethane	124-48-1	ug/L	3/23/2010	5	n/a	ND	
MW-26	u	Chlorodibromomethane	124-48-1	ug/L	3/23/2010	5	n/a	ND	
MW-26	u	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	3/23/2010	0.498	n/a	ND	
MW-26	u	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	3/23/2010	0.498	n/a	ND	
MW-26	u	1,2-Dibromoethane [EDB]	106-93-4	ug/L	3/23/2010	0.255	n/a	ND	
MW-26	u	1,2-Dibromoethane [EDB]	106-93-4	ug/L	3/23/2010	0.255	n/a	ND	
MW-26	u	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	3/23/2010	10	n/a	ND	
MW-26	u	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	3/23/2010	10	n/a	ND	
MW-26	u	1,1-Dichloroethane	75-34-3	ug/L	3/23/2010	1	n/a	ND	
MW-26	u	1,1-Dichloroethane	75-34-3	ug/L	3/23/2010	1	n/a	ND	
MW-26	u	1,2-Dichloroethane	107-06-2	ug/L	3/23/2010	1	n/a	ND	
MW-26	u	1,2-Dichloroethane	107-06-2	ug/L	3/23/2010	1	n/a	ND	
MW-26	u	1,1-Dichloroethene	75-35-4	ug/L	3/23/2010	2	n/a	ND	
MW-26	u	1,1-Dichloroethene	75-35-4	ug/L	3/23/2010	2	n/a	ND	
MW-26	u	cis-1,2-Dichloroethene	156-59-2	ug/L	3/23/2010	2	n/a	ND	
MW-26	u	cis-1,2-Dichloroethene	156-59-2	ug/L	3/23/2010	2	n/a	ND	
MW-26	u	trans-1,2-Dichloroethene	156-60-5	ug/L	3/23/2010	1	n/a	ND	
MW-26	u	trans-1,2-Dichloroethene	156-60-5	ug/L	3/23/2010	1	n/a	ND	
MW-26	u	1,2-Dichloropropane	78-87-5	ug/L	3/23/2010	1	n/a	ND	
MW-26	u	1,2-Dichloropropane	78-87-5	ug/L	3/23/2010	1	n/a	ND	
MW-26	u	cis-1,3-Dichloropropene	10061-01-5	ug/L	3/23/2010	5	n/a	ND	
MW-26	u	cis-1,3-Dichloropropene	10061-01-5	ug/L	3/23/2010	5	n/a	ND	
MW-26	u	trans-1,3-Dichloropropene	10061-02-6	ug/L	3/23/2010	5	n/a	ND	
MW-26	u	trans-1,3-Dichloropropene	10061-02-6	ug/L	3/23/2010	5	n/a	ND	
MW-26	u	1,2-Dichlorobenzene	95-50-1	ug/L	3/23/2010	1	n/a	ND	
MW-26	u	1,2-Dichlorobenzene	95-50-1	ug/L	3/23/2010	1	n/a	ND	
MW-26	u	1,4-Dichlorobenzene	106-46-7	ug/L	3/23/2010	2	n/a	ND	
MW-26	u	1,4-Dichlorobenzene	106-46-7	ug/L	3/23/2010	2	n/a	ND	
MW-26	u	Ethylbenzene	100-41-4	ug/L	3/23/2010	1	n/a	ND	
MW-26	u	Ethylbenzene	100-41-4	ug/L	3/23/2010	1	n/a	ND	
MW-26	u	2-Hexanone	591-78-6	ug/L	3/23/2010	10	n/a	ND	
MW-26	u	2-Hexanone	591-78-6	ug/L	3/23/2010	10	n/a	ND	
MW-26	u	Bromomethane	74-83-9	ug/L	3/23/2010	4	n/a	ND	
MW-26	u	Bromomethane	74-83-9	ug/L	3/23/2010	4	n/a	ND	
MW-26	u	Chloromethane	74-87-3	ug/L	3/23/2010	3	n/a	ND	
MW-26	u	Chloromethane	74-87-3	ug/L	3/23/2010	3	n/a	ND	
MW-26	u	2-Butanone	78-93-3	ug/L	3/23/2010	10	n/a	ND	
MW-26	u	2-Butanone	78-93-3	ug/L	3/23/2010	10	n/a	ND	
MW-26	u	Iodomethane	74-88-4	ug/L	3/23/2010	10	n/a	ND	
MW-26	u	Iodomethane	74-88-4	ug/L	3/23/2010	10	n/a	ND	

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Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-26	u	4-Methyl-2-pentanone	108-10-1	ug/L	3/23/2010	10	n/a	ND	
MW-26	u	4-Methyl-2-pentanone	108-10-1	ug/L	3/23/2010	10	n/a	ND	
MW-26	u	Methylene Bromide	74-95-3	ug/L	3/23/2010	2	n/a	ND	
MW-26	u	Methylene Bromide	74-95-3	ug/L	3/23/2010	2	n/a	ND	
MW-26	u	Methylene Chloride	75-09-2	ug/L	3/23/2010	5	n/a	ND	
MW-26	u	Methylene Chloride	75-09-2	ug/L	3/23/2010	5	n/a	ND	
MW-26	u	Styrene	100-42-5	ug/L	3/23/2010	5	n/a	ND	
MW-26	u	Styrene	100-42-5	ug/L	3/23/2010	20	n/a	ND	
MW-26	u	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	3/23/2010	1	n/a	ND	
MW-26	u	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	3/23/2010	1	n/a	ND	
MW-26	u	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	3/23/2010	1	n/a	ND	
MW-26	u	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	3/23/2010	1	n/a	ND	
MW-26	u	Tetrachloroethene	127-18-4	ug/L	3/23/2010	1	n/a	ND	
MW-26	u	Tetrachloroethene	127-18-4	ug/L	3/23/2010	1	n/a	ND	
MW-26	u	Toluene	108-88-3	ug/L	3/23/2010	1	n/a	ND	
MW-26	u	Toluene	108-88-3	ug/L	3/23/2010	1	n/a	ND	
MW-26	u	1,1,1-Trichloroethane	71-55-6	ug/L	3/23/2010	1	n/a	ND	
MW-26	u	1,1,1-Trichloroethane	71-55-6	ug/L	3/23/2010	1	n/a	ND	
MW-26	u	1,1,2-Trichloroethane	79-00-5	ug/L	3/23/2010	1	n/a	ND	
MW-26	u	1,1,2-Trichloroethane	79-00-5	ug/L	3/23/2010	1	n/a	ND	
MW-26	u	Trichloroethene	79-01-6	ug/L	3/23/2010	1	n/a	ND	
MW-26	u	Trichloroethene	79-01-6	ug/L	3/23/2010	1	n/a	ND	
MW-26	u	Trichlorofluoromethane	75-69-4	ug/L	3/23/2010	4	n/a	ND	
MW-26	u	Trichlorofluoromethane	75-69-4	ug/L	3/23/2010	4	n/a	ND	
MW-26	u	1,2,3-Trichloropropane	96-18-4	ug/L	3/23/2010	1	n/a	ND	
MW-26	u	1,2,3-Trichloropropane	96-18-4	ug/L	3/23/2010	1	n/a	ND	
MW-26	u	Vinyl acetate	108-05-4	ug/L	3/23/2010	2	n/a	ND	
MW-26	u	Vinyl acetate	108-05-4	ug/L	3/23/2010	2	n/a	ND	
MW-26	u	Vinyl chloride	75-01-4	ug/L	3/23/2010	1	n/a	ND	
MW-26	u	Vinyl chloride	75-01-4	ug/L	3/23/2010	1	n/a	ND	
MW-26	u	Xylenes, total	1330-20-7	ug/L	3/23/2010	3	n/a	ND	
MW-26	u	Xylenes, total	1330-20-7	ug/L	3/23/2010	3	n/a	ND	
MW-B	d	Antimony	7440-36-0	mg/L	3/23/2010	0.006	n/a	ND	
MW-B	d	Arsenic	7440-38-2	mg/L	3/23/2010	0.002	n/a	ND	
MW-B	d	Barium	7440-39-3	mg/L	3/23/2010	n/a	n/a		0.0442
MW-B	d	Beryllium	7440-41-7	mg/L	3/23/2010	0.001	n/a	ND	
MW-B	d	Cadmium	7440-43-9	mg/L	3/23/2010	0.0005	n/a	ND	
MW-B	d	Chromium	7440-47-3	mg/L	3/23/2010	0.02	n/a	ND	
MW-B	d	Cobalt	7440-48-4	mg/L	3/23/2010	0.00155	n/a	ND	
MW-B	d	Copper	7440-50-8	mg/L	3/23/2010	0.02	n/a	ND	
MW-B	d	Lead	7439-92-1	mg/L	3/23/2010	0.004	n/a	ND	
MW-B	d	Nickel	7440-02-0	mg/L	3/23/2010	0.05	n/a	ND	
MW-B	d	Selenium	7782-49-2	mg/L	3/23/2010	0.005	n/a	ND	
MW-B	d	Silver	7440-22-4	mg/L	3/23/2010	0.02	n/a	ND	
MW-B	d	Thallium	7440-28-0	mg/L	3/23/2010	0.002	n/a	ND	
MW-B	d	Vanadium	7440-62-2	mg/L	3/23/2010	0.05	n/a	ND	
MW-B	d	Zinc	7440-66-6	mg/L	3/23/2010	n/a	n/a		0.0777
MW-B	d	Acetone	67-64-1	ug/L	3/23/2010	10	n/a	ND	
MW-B	d	Acrylonitrile	107-13-1	ug/L	3/23/2010	10	n/a	ND	
MW-B	d	Benzene	71-43-2	ug/L	3/23/2010	0.5	n/a	ND	
MW-B	d	Bromochloromethane	74-97-5	ug/L	3/23/2010	5	n/a	ND	
MW-B	d	Bromodichloromethane	75-27-4	ug/L	3/23/2010	1	n/a	ND	
MW-B	d	Bromoform	75-25-2	ug/L	3/23/2010	5	n/a	ND	
MW-B	d	Carbon disulfide	75-15-0	ug/L	3/23/2010	2	n/a	ND	
MW-B	d	Carbon Tetrachloride	56-23-5	ug/L	3/23/2010	2	n/a	ND	
MW-B	d	Chlorobenzene	108-90-7	ug/L	3/23/2010	1	n/a	ND	
MW-B	d	Chloroethane	75-00-3	ug/L	3/23/2010	4	n/a	ND	
MW-B	d	Chloroform	67-66-3	ug/L	3/23/2010	1	n/a	ND	
MW-B	d	Chlorodibromomethane	124-48-1	ug/L	3/23/2010	5	n/a	ND	
MW-B	d	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	3/23/2010	0.498	n/a	ND	
MW-B	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	3/23/2010	0.255	n/a	ND	
MW-B	d	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	3/23/2010	10	n/a	ND	
MW-B	d	1,1-Dichloroethane	75-34-3	ug/L	3/23/2010	1	n/a	ND	
MW-B	d	1,2-Dichloroethane	107-06-2	ug/L	3/23/2010	1	n/a	ND	
MW-B	d	1,1-Dichloroethene	75-35-4	ug/L	3/23/2010	2	n/a	ND	
MW-B	d	cis-1,2-Dichloroethene	156-59-2	ug/L	3/23/2010	2	n/a	ND	
MW-B	d	trans-1,2-Dichloroethene	156-60-5	ug/L	3/23/2010	1	n/a	ND	
MW-B	d	1,2-Dichloropropane	78-87-5	ug/L	3/23/2010	1	n/a	ND	
MW-B	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	3/23/2010	5	n/a	ND	
MW-B	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	3/23/2010	5	n/a	ND	
MW-B	d	1,2-Dichlorobenzene	95-50-1	ug/L	3/23/2010	1	n/a	ND	
MW-B	d	1,4-Dichlorobenzene	106-46-7	ug/L	3/23/2010	2	n/a	ND	
MW-B	d	Ethylbenzene	100-41-4	ug/L	3/23/2010	1	n/a	ND	
MW-B	d	2-Hexanone	591-78-6	ug/L	3/23/2010	10	n/a	ND	
MW-B	d	Bromomethane	74-83-9	ug/L	3/23/2010	4	n/a	ND	

Table 9A
Analytical Data Summary - Phase II MSWLF
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Phase II MSWLF and CWTS
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-B	d	Chloromethane	74-87-3	ug/L	3/23/2010	3	n/a	ND	
MW-B	d	2-Butanone	78-93-3	ug/L	3/23/2010	10	n/a	ND	
MW-B	d	Iodomethane	74-88-4	ug/L	3/23/2010	10	n/a	ND	
MW-B	d	4-Methyl-2-pentanone	108-10-1	ug/L	3/23/2010	10	n/a	ND	
MW-B	d	Methylene Bromide	74-95-3	ug/L	3/23/2010	2	n/a	ND	
MW-B	d	Methylene Chloride	75-09-2	ug/L	3/23/2010	5	n/a	ND	
MW-B	d	Styrene	100-42-5	ug/L	3/23/2010	20	n/a	ND	
MW-B	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	3/23/2010	1	n/a	ND	
MW-B	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	3/23/2010	1	n/a	ND	
MW-B	d	Tetrachloroethene	127-18-4	ug/L	3/23/2010	1	n/a	ND	
MW-B	d	Toluene	108-88-3	ug/L	3/23/2010	1	n/a	ND	
MW-B	d	1,1,1-Trichloroethane	71-55-6	ug/L	3/23/2010	1	n/a	ND	
MW-B	d	1,1,2-Trichloroethane	79-00-5	ug/L	3/23/2010	1	n/a	ND	
MW-B	d	Trichloroethene	79-01-6	ug/L	3/23/2010	1	n/a	ND	
MW-B	d	Trichlorofluoromethane	75-69-4	ug/L	3/23/2010	4	n/a	ND	
MW-B	d	1,2,3-Trichloropropane	96-18-4	ug/L	3/23/2010	1	n/a	ND	
MW-B	d	Vinyl acetate	108-05-4	ug/L	3/23/2010	2	n/a	ND	
MW-B	d	Vinyl chloride	75-01-4	ug/L	3/23/2010	1	n/a	ND	
MW-B	d	Xylenes, total	1330-20-7	ug/L	3/23/2010	3	n/a	ND	
GU-3	d	Antimony	7440-36-0	mg/L	4/9/2010	0.012	n/a	ND	
GU-3	d	Arsenic	7440-38-2	mg/L	4/9/2010	n/a	n/a		0.0309
GU-3	d	Barium	7440-39-3	mg/L	4/9/2010	n/a	n/a		0.249
GU-3	d	Beryllium	7440-41-7	mg/L	4/9/2010	0.001	n/a	ND	
GU-3	d	Cadmium	7440-43-9	mg/L	4/9/2010	0.0005	n/a	ND	
GU-3	d	Chromium	7440-47-3	mg/L	4/9/2010	0.02	n/a	ND	
GU-3	d	Cobalt	7440-48-4	mg/L	4/9/2010	n/a	n/a		0.0168
GU-3	d	Copper	7440-50-8	mg/L	4/9/2010	0.02	n/a	ND	
GU-3	d	Lead	7439-92-1	mg/L	4/9/2010	0.004	n/a	ND	
GU-3	d	Nickel	7440-02-0	mg/L	4/9/2010	0.05	n/a	ND	
GU-3	d	Selenium	7782-49-2	mg/L	4/9/2010	0.005	n/a	ND	
GU-3	d	Silver	7440-22-4	mg/L	4/9/2010	0.02	n/a	ND	
GU-3	d	Thallium	7440-28-0	mg/L	4/9/2010	0.002	n/a	ND	
GU-3	d	Vanadium	7440-62-2	mg/L	4/9/2010	0.05	n/a	ND	
GU-3	d	Zinc	7440-66-6	mg/L	4/9/2010	n/a	n/a		0.0263
GU-3	d	Acetone	67-64-1	ug/L	4/9/2010	10	n/a	ND	
GU-3	d	Acrylonitrile	107-13-1	ug/L	4/9/2010	10	n/a	ND	
GU-3	d	Benzene	71-43-2	ug/L	4/9/2010	0.5	n/a	ND	
GU-3	d	Bromochloromethane	74-97-5	ug/L	4/9/2010	5	n/a	ND	
GU-3	d	Bromodichloromethane	75-27-4	ug/L	4/9/2010	10	n/a	ND	
GU-3	d	Bromoform	75-25-2	ug/L	4/9/2010	50	n/a	ND	
GU-3	d	Carbon disulfide	75-15-0	ug/L	4/9/2010	1	n/a	ND	
GU-3	d	Carbon Tetrachloride	56-23-5	ug/L	4/9/2010	4	n/a	ND	
GU-3	d	Chlorobenzene	108-90-7	ug/L	4/9/2010	1	n/a	ND	
GU-3	d	Chloroethane	75-00-3	ug/L	4/9/2010	4	n/a	ND	
GU-3	d	Chloroform	67-66-3	ug/L	4/9/2010	2	n/a	ND	
GU-3	d	Chlorodibromomethane	124-48-1	ug/L	4/9/2010	20	n/a	ND	
GU-3	d	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	4/9/2010	0.498	n/a	ND	
GU-3	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	4/9/2010	0.255	n/a	ND	
GU-3	d	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	4/9/2010	10	n/a	ND	
GU-3	d	1,1-Dichloroethane	75-34-3	ug/L	4/9/2010	1	n/a	ND	
GU-3	d	1,2-Dichloroethane	107-06-2	ug/L	4/9/2010	1	n/a	ND	
GU-3	d	1,1-Dichloroethene	75-35-4	ug/L	4/9/2010	2	n/a	ND	
GU-3	d	cis-1,2-Dichloroethene	156-59-2	ug/L	4/9/2010	1	n/a	ND	
GU-3	d	trans-1,2-Dichloroethene	156-60-5	ug/L	4/9/2010	1	n/a	ND	
GU-3	d	1,2-Dichloropropane	78-87-5	ug/L	4/9/2010	1	n/a	ND	
GU-3	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	4/9/2010	20	n/a	ND	
GU-3	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	4/9/2010	20	n/a	ND	
GU-3	d	1,2-Dichlorobenzene	95-50-1	ug/L	4/9/2010	1	n/a	ND	
GU-3	d	1,4-Dichlorobenzene	106-46-7	ug/L	4/9/2010	1	n/a	ND	
GU-3	d	Ethylbenzene	100-41-4	ug/L	4/9/2010	1	n/a	ND	
GU-3	d	2-Hexanone	591-78-6	ug/L	4/9/2010	10	n/a	ND	
GU-3	d	Bromomethane	74-83-9	ug/L	4/9/2010	4	n/a	ND	
GU-3	d	Chloromethane	74-87-3	ug/L	4/9/2010	3	n/a	ND	
GU-3	d	2-Butanone	78-93-3	ug/L	4/9/2010	10	n/a	ND	
GU-3	d	Iodomethane	74-88-4	ug/L	4/9/2010	10	n/a	ND	
GU-3	d	4-Methyl-2-pentanone	108-10-1	ug/L	4/9/2010	10	n/a	ND	
GU-3	d	Methylene Bromide	74-95-3	ug/L	4/9/2010	1	n/a	ND	
GU-3	d	Methylene Chloride	75-09-2	ug/L	4/9/2010	5	n/a	ND	
GU-3	d	Styrene	100-42-5	ug/L	4/9/2010	4	n/a	ND	
GU-3	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	4/9/2010	5	n/a	ND	
GU-3	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	4/9/2010	1	n/a	ND	
GU-3	d	Tetrachloroethene	127-18-4	ug/L	4/9/2010	1	n/a	ND	
GU-3	d	Toluene	108-88-3	ug/L	4/9/2010	1	n/a	ND	
GU-3	d	1,1,1-Trichloroethane	71-55-6	ug/L	4/9/2010	4	n/a	ND	
GU-3	d	1,1,2-Trichloroethane	79-00-5	ug/L	4/9/2010	1	n/a	ND	

Table 9A
Analytical Data Summary - Phase II MSWLF
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Phase II MSWLF and CWTS
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
GU-3	d	Trichloroethene	79-01-6	ug/L	4/9/2010	1	n/a	ND	
GU-3	d	Trichlorofluoromethane	75-69-4	ug/L	4/9/2010	4	n/a	ND	
GU-3	d	1,2,3-Trichloropropane	96-18-4	ug/L	4/9/2010	1	n/a	ND	
GU-3	d	Vinyl acetate	108-05-4	ug/L	4/9/2010	2	n/a	ND	
GU-3	d	Vinyl chloride	75-01-4	ug/L	4/9/2010	1	n/a	ND	
GU-3	d	Xylenes, total	1330-20-7	ug/L	4/9/2010	6	n/a	ND	
GU-3BG	u	Antimony	7440-36-0	mg/L	4/9/2010	0.012	n/a	ND	
GU-3BG	u	Arsenic	7440-38-2	mg/L	4/9/2010	n/a	n/a		0.0309
GU-3BG	u	Barium	7440-39-3	mg/L	4/9/2010	n/a	n/a		0.249
GU-3BG	u	Beryllium	7440-41-7	mg/L	4/9/2010	0.001	n/a	ND	
GU-3BG	u	Cadmium	7440-43-9	mg/L	4/9/2010	0.0005	n/a	ND	
GU-3BG	u	Chromium	7440-47-3	mg/L	4/9/2010	0.02	n/a	ND	
GU-3BG	u	Cobalt	7440-48-4	mg/L	4/9/2010	n/a	n/a		0.0168
GU-3BG	u	Copper	7440-50-8	mg/L	4/9/2010	0.02	n/a	ND	
GU-3BG	u	Lead	7439-92-1	mg/L	4/9/2010	0.004	n/a	ND	
GU-3BG	u	Nickel	7440-02-0	mg/L	4/9/2010	0.05	n/a	ND	
GU-3BG	u	Selenium	7782-49-2	mg/L	4/9/2010	0.005	n/a	ND	
GU-3BG	u	Silver	7440-22-4	mg/L	4/9/2010	0.02	n/a	ND	
GU-3BG	u	Thallium	7440-28-0	mg/L	4/9/2010	0.002	n/a	ND	
GU-3BG	u	Vanadium	7440-62-2	mg/L	4/9/2010	0.05	n/a	ND	
GU-3BG	u	Zinc	7440-66-6	mg/L	4/9/2010	n/a	n/a		0.0263
GU-3BG	u	Acetone	67-64-1	ug/L	4/9/2010	10	n/a	ND	
GU-3BG	u	Acrylonitrile	107-13-1	ug/L	4/9/2010	10	n/a	ND	
GU-3BG	u	Benzene	71-43-2	ug/L	4/9/2010	0.5	n/a	ND	
GU-3BG	u	Bromochloromethane	74-97-5	ug/L	4/9/2010	5	n/a	ND	
GU-3BG	u	Bromodichloromethane	75-27-4	ug/L	4/9/2010	10	n/a	ND	
GU-3BG	u	Bromoform	75-25-2	ug/L	4/9/2010	50	n/a	ND	
GU-3BG	u	Carbon disulfide	75-15-0	ug/L	4/9/2010	1	n/a	ND	
GU-3BG	u	Carbon Tetrachloride	56-23-5	ug/L	4/9/2010	4	n/a	ND	
GU-3BG	u	Chlorobenzene	108-90-7	ug/L	4/9/2010	1	n/a	ND	
GU-3BG	u	Chloroethane	75-00-3	ug/L	4/9/2010	4	n/a	ND	
GU-3BG	u	Chloroform	67-66-3	ug/L	4/9/2010	2	n/a	ND	
GU-3BG	u	Chlorodibromomethane	124-48-1	ug/L	4/9/2010	20	n/a	ND	
GU-3BG	u	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	4/9/2010	0.498	n/a	ND	
GU-3BG	u	1,2-Dibromoethane [EDB]	106-93-4	ug/L	4/9/2010	0.255	n/a	ND	
GU-3BG	u	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	4/9/2010	10	n/a	ND	
GU-3BG	u	1,1-Dichloroethane	75-34-3	ug/L	4/9/2010	1	n/a	ND	
GU-3BG	u	1,2-Dichloroethane	107-06-2	ug/L	4/9/2010	1	n/a	ND	
GU-3BG	u	1,1-Dichloroethene	75-35-4	ug/L	4/9/2010	2	n/a	ND	
GU-3BG	u	cis-1,2-Dichloroethene	156-59-2	ug/L	4/9/2010	1	n/a	ND	
GU-3BG	u	trans-1,2-Dichloroethene	156-60-5	ug/L	4/9/2010	1	n/a	ND	
GU-3BG	u	1,2-Dichloropropane	78-87-5	ug/L	4/9/2010	1	n/a	ND	
GU-3BG	u	cis-1,3-Dichloropropene	10061-01-5	ug/L	4/9/2010	20	n/a	ND	
GU-3BG	u	trans-1,3-Dichloropropene	10061-02-6	ug/L	4/9/2010	20	n/a	ND	
GU-3BG	u	1,2-Dichlorobenzene	95-50-1	ug/L	4/9/2010	1	n/a	ND	
GU-3BG	u	1,4-Dichlorobenzene	106-46-7	ug/L	4/9/2010	1	n/a	ND	
GU-3BG	u	Ethylbenzene	100-41-4	ug/L	4/9/2010	1	n/a	ND	
GU-3BG	u	2-Hexanone	591-78-6	ug/L	4/9/2010	10	n/a	ND	
GU-3BG	u	Bromomethane	74-83-9	ug/L	4/9/2010	4	n/a	ND	
GU-3BG	u	Chloromethane	74-87-3	ug/L	4/9/2010	3	n/a	ND	
GU-3BG	u	2-Butanone	78-93-3	ug/L	4/9/2010	10	n/a	ND	
GU-3BG	u	Iodomethane	74-88-4	ug/L	4/9/2010	10	n/a	ND	
GU-3BG	u	4-Methyl-2-pentanone	108-10-1	ug/L	4/9/2010	10	n/a	ND	
GU-3BG	u	Methylene Bromide	74-95-3	ug/L	4/9/2010	1	n/a	ND	
GU-3BG	u	Methylene Chloride	75-09-2	ug/L	4/9/2010	5	n/a	ND	
GU-3BG	u	Styrene	100-42-5	ug/L	4/9/2010	4	n/a	ND	
GU-3BG	u	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	4/9/2010	5	n/a	ND	
GU-3BG	u	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	4/9/2010	1	n/a	ND	
GU-3BG	u	Tetrachloroethene	127-18-4	ug/L	4/9/2010	1	n/a	ND	
GU-3BG	u	Toluene	108-88-3	ug/L	4/9/2010	1	n/a	ND	
GU-3BG	u	1,1,1-Trichloroethane	71-55-6	ug/L	4/9/2010	4	n/a	ND	
GU-3BG	u	1,1,2-Trichloroethane	79-00-5	ug/L	4/9/2010	1	n/a	ND	
GU-3BG	u	Trichloroethene	79-01-6	ug/L	4/9/2010	1	n/a	ND	
GU-3BG	u	Trichlorofluoromethane	75-69-4	ug/L	4/9/2010	4	n/a	ND	
GU-3BG	u	1,2,3-Trichloropropane	96-18-4	ug/L	4/9/2010	1	n/a	ND	
GU-3BG	u	Vinyl acetate	108-05-4	ug/L	4/9/2010	2	n/a	ND	
GU-3BG	u	Vinyl chloride	75-01-4	ug/L	4/9/2010	1	n/a	ND	
GU-3BG	u	Xylenes, total	1330-20-7	ug/L	4/9/2010	6	n/a	ND	
GU-4	d	Antimony	7440-36-0	mg/L	4/9/2010	n/a	n/a		0.00672
GU-4	d	Arsenic	7440-38-2	mg/L	4/9/2010	0.003	n/a	ND	
GU-4	d	Barium	7440-39-3	mg/L	4/9/2010	n/a	n/a		0.0206
GU-4	d	Beryllium	7440-41-7	mg/L	4/9/2010	0.001	n/a	ND	
GU-4	d	Cadmium	7440-43-9	mg/L	4/9/2010	0.0005	n/a	ND	
GU-4	d	Chromium	7440-47-3	mg/L	4/9/2010	0.02	n/a	ND	
GU-4	d	Cobalt	7440-48-4	mg/L	4/9/2010	0.00155	n/a	ND	

Table 9A
Analytical Data Summary - Phase II MSWLF
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Phase II MSWLF and CWTS
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Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
GU-4	d	Copper	7440-50-8	mg/L	4/9/2010	0.02	n/a	ND	
GU-4	d	Lead	7439-92-1	mg/L	4/9/2010	0.004	n/a	ND	
GU-4	d	Nickel	7440-02-0	mg/L	4/9/2010	0.05	n/a	ND	
GU-4	d	Selenium	7782-49-2	mg/L	4/9/2010	0.005	n/a	ND	
GU-4	d	Silver	7440-22-4	mg/L	4/9/2010	0.02	n/a	ND	
GU-4	d	Thallium	7440-28-0	mg/L	4/9/2010	0.002	n/a	ND	
GU-4	d	Vanadium	7440-62-2	mg/L	4/9/2010	0.05	n/a	ND	
GU-4	d	Zinc	7440-66-6	mg/L	4/9/2010	n/a	n/a		0.0352
GU-4	d	Acetone	67-64-1	ug/L	4/9/2010	10	n/a	ND	
GU-4	d	Acrylonitrile	107-13-1	ug/L	4/9/2010	10	n/a	ND	
GU-4	d	Benzene	71-43-2	ug/L	4/9/2010	0.5	n/a	ND	
GU-4	d	Bromochloromethane	74-97-5	ug/L	4/9/2010	5	n/a	ND	
GU-4	d	Bromodichloromethane	75-27-4	ug/L	4/9/2010	10	n/a	ND	
GU-4	d	Bromoform	75-25-2	ug/L	4/9/2010	50	n/a	ND	
GU-4	d	Carbon disulfide	75-15-0	ug/L	4/9/2010	1	n/a	ND	
GU-4	d	Carbon Tetrachloride	56-23-5	ug/L	4/9/2010	4	n/a	ND	
GU-4	d	Chlorobenzene	108-90-7	ug/L	4/9/2010	1	n/a	ND	
GU-4	d	Chloroethane	75-00-3	ug/L	4/9/2010	4	n/a	ND	
GU-4	d	Chloroform	67-66-3	ug/L	4/9/2010	2	n/a	ND	
GU-4	d	Chlorodibromomethane	124-48-1	ug/L	4/9/2010	20	n/a	ND	
GU-4	d	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	4/9/2010	0.498	n/a	ND	
GU-4	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	4/9/2010	0.255	n/a	ND	
GU-4	d	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	4/9/2010	10	n/a	ND	
GU-4	d	1,1-Dichloroethane	75-34-3	ug/L	4/9/2010	1	n/a	ND	
GU-4	d	1,2-Dichloroethane	107-06-2	ug/L	4/9/2010	1	n/a	ND	
GU-4	d	1,1-Dichloroethene	75-35-4	ug/L	4/9/2010	2	n/a	ND	
GU-4	d	cis-1,2-Dichloroethene	156-59-2	ug/L	4/9/2010	1	n/a	ND	
GU-4	d	trans-1,2-Dichloroethene	156-60-5	ug/L	4/9/2010	1	n/a	ND	
GU-4	d	1,2-Dichloropropane	78-87-5	ug/L	4/9/2010	1	n/a	ND	
GU-4	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	4/9/2010	20	n/a	ND	
GU-4	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	4/9/2010	20	n/a	ND	
GU-4	d	1,2-Dichlorobenzene	95-50-1	ug/L	4/9/2010	1	n/a	ND	
GU-4	d	1,4-Dichlorobenzene	106-46-7	ug/L	4/9/2010	1	n/a	ND	
GU-4	d	Ethylbenzene	100-41-4	ug/L	4/9/2010	1	n/a	ND	
GU-4	d	2-Hexanone	591-78-6	ug/L	4/9/2010	10	n/a	ND	
GU-4	d	Bromomethane	74-83-9	ug/L	4/9/2010	4	n/a	ND	
GU-4	d	Chloromethane	74-87-3	ug/L	4/9/2010	3	n/a	ND	
GU-4	d	2-Butanone	78-93-3	ug/L	4/9/2010	10	n/a	ND	
GU-4	d	Iodomethane	74-88-4	ug/L	4/9/2010	10	n/a	ND	
GU-4	d	4-Methyl-2-pentanone	108-10-1	ug/L	4/9/2010	10	n/a	ND	
GU-4	d	Methylene Bromide	74-95-3	ug/L	4/9/2010	1	n/a	ND	
GU-4	d	Methylene Chloride	75-09-2	ug/L	4/9/2010	5	n/a	ND	
GU-4	d	Styrene	100-42-5	ug/L	4/9/2010	4	n/a	ND	
GU-4	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	4/9/2010	5	n/a	ND	
GU-4	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	4/9/2010	1	n/a	ND	
GU-4	d	Tetrachloroethene	127-18-4	ug/L	4/9/2010	1	n/a	ND	
GU-4	d	Toluene	108-88-3	ug/L	4/9/2010	1	n/a	ND	
GU-4	d	1,1,1-Trichloroethane	71-55-6	ug/L	4/9/2010	4	n/a	ND	
GU-4	d	1,1,2-Trichloroethane	79-00-5	ug/L	4/9/2010	1	n/a	ND	
GU-4	d	Trichloroethene	79-01-6	ug/L	4/9/2010	1	n/a	ND	
GU-4	d	Trichlorofluoromethane	75-69-4	ug/L	4/9/2010	4	n/a	ND	
GU-4	d	1,2,3-Trichloropropane	96-18-4	ug/L	4/9/2010	1	n/a	ND	
GU-4	d	Vinyl acetate	108-05-4	ug/L	4/9/2010	2	n/a	ND	
GU-4	d	Vinyl chloride	75-01-4	ug/L	4/9/2010	1	n/a	ND	
GU-4	d	Xylenes, total	1330-20-7	ug/L	4/9/2010	6	n/a	ND	
GU-4BG	u	Antimony	7440-36-0	mg/L	4/9/2010	n/a	n/a		0.00672
GU-4BG	u	Arsenic	7440-38-2	mg/L	4/9/2010	0.003	n/a	ND	
GU-4BG	u	Barium	7440-39-3	mg/L	4/9/2010	n/a	n/a		0.0206
GU-4BG	u	Beryllium	7440-41-7	mg/L	4/9/2010	0.001	n/a	ND	
GU-4BG	u	Cadmium	7440-43-9	mg/L	4/9/2010	0.0005	n/a	ND	
GU-4BG	u	Chromium	7440-47-3	mg/L	4/9/2010	0.02	n/a	ND	
GU-4BG	u	Cobalt	7440-48-4	mg/L	4/9/2010	0.00155	n/a	ND	
GU-4BG	u	Copper	7440-50-8	mg/L	4/9/2010	0.02	n/a	ND	
GU-4BG	u	Lead	7439-92-1	mg/L	4/9/2010	0.004	n/a	ND	
GU-4BG	u	Nickel	7440-02-0	mg/L	4/9/2010	0.05	n/a	ND	
GU-4BG	u	Selenium	7782-49-2	mg/L	4/9/2010	0.005	n/a	ND	
GU-4BG	u	Silver	7440-22-4	mg/L	4/9/2010	0.02	n/a	ND	
GU-4BG	u	Thallium	7440-28-0	mg/L	4/9/2010	0.002	n/a	ND	
GU-4BG	u	Vanadium	7440-62-2	mg/L	4/9/2010	0.05	n/a	ND	
GU-4BG	u	Zinc	7440-66-6	mg/L	4/9/2010	n/a	n/a		0.0352
GU-4BG	u	Acetone	67-64-1	ug/L	4/9/2010	10	n/a	ND	
GU-4BG	u	Acrylonitrile	107-13-1	ug/L	4/9/2010	10	n/a	ND	
GU-4BG	u	Benzene	71-43-2	ug/L	4/9/2010	0.5	n/a	ND	
GU-4BG	u	Bromochloromethane	74-97-5	ug/L	4/9/2010	5	n/a	ND	
GU-4BG	u	Bromodichloromethane	75-27-4	ug/L	4/9/2010	10	n/a	ND	

Table 9A
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Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
GU-4BG	u	Bromoform	75-25-2	ug/L	4/9/2010	50	n/a	ND	
GU-4BG	u	Carbon disulfide	75-15-0	ug/L	4/9/2010	1	n/a	ND	
GU-4BG	u	Carbon Tetrachloride	56-23-5	ug/L	4/9/2010	4	n/a	ND	
GU-4BG	u	Chlorobenzene	108-90-7	ug/L	4/9/2010	1	n/a	ND	
GU-4BG	u	Chloroethane	75-00-3	ug/L	4/9/2010	4	n/a	ND	
GU-4BG	u	Chloroform	67-66-3	ug/L	4/9/2010	2	n/a	ND	
GU-4BG	u	Chlorodibromomethane	124-48-1	ug/L	4/9/2010	20	n/a	ND	
GU-4BG	u	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	4/9/2010	0.498	n/a	ND	
GU-4BG	u	1,2-Dibromoethane [EDB]	106-93-4	ug/L	4/9/2010	0.255	n/a	ND	
GU-4BG	u	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	4/9/2010	10	n/a	ND	
GU-4BG	u	1,1-Dichloroethane	75-34-3	ug/L	4/9/2010	1	n/a	ND	
GU-4BG	u	1,2-Dichloroethane	107-06-2	ug/L	4/9/2010	1	n/a	ND	
GU-4BG	u	1,1-Dichloroethene	75-35-4	ug/L	4/9/2010	2	n/a	ND	
GU-4BG	u	cis-1,2-Dichloroethene	156-59-2	ug/L	4/9/2010	1	n/a	ND	
GU-4BG	u	trans-1,2-Dichloroethene	156-60-5	ug/L	4/9/2010	1	n/a	ND	
GU-4BG	u	1,2-Dichloropropane	78-87-5	ug/L	4/9/2010	1	n/a	ND	
GU-4BG	u	cis-1,3-Dichloropropene	10061-01-5	ug/L	4/9/2010	20	n/a	ND	
GU-4BG	u	trans-1,3-Dichloropropene	10061-02-6	ug/L	4/9/2010	20	n/a	ND	
GU-4BG	u	1,2-Dichlorobenzene	95-50-1	ug/L	4/9/2010	1	n/a	ND	
GU-4BG	u	1,4-Dichlorobenzene	106-46-7	ug/L	4/9/2010	1	n/a	ND	
GU-4BG	u	Ethylbenzene	100-41-4	ug/L	4/9/2010	1	n/a	ND	
GU-4BG	u	2-Hexanone	591-78-6	ug/L	4/9/2010	10	n/a	ND	
GU-4BG	u	Bromomethane	74-83-9	ug/L	4/9/2010	4	n/a	ND	
GU-4BG	u	Chloromethane	74-87-3	ug/L	4/9/2010	3	n/a	ND	
GU-4BG	u	2-Butanone	78-93-3	ug/L	4/9/2010	10	n/a	ND	
GU-4BG	u	Iodomethane	74-88-4	ug/L	4/9/2010	10	n/a	ND	
GU-4BG	u	4-Methyl-2-pentanone	108-10-1	ug/L	4/9/2010	10	n/a	ND	
GU-4BG	u	Methylene Bromide	74-95-3	ug/L	4/9/2010	1	n/a	ND	
GU-4BG	u	Methylene Chloride	75-09-2	ug/L	4/9/2010	5	n/a	ND	
GU-4BG	u	Styrene	100-42-5	ug/L	4/9/2010	4	n/a	ND	
GU-4BG	u	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	4/9/2010	5	n/a	ND	
GU-4BG	u	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	4/9/2010	1	n/a	ND	
GU-4BG	u	Tetrachloroethene	127-18-4	ug/L	4/9/2010	1	n/a	ND	
GU-4BG	u	Toluene	108-88-3	ug/L	4/9/2010	1	n/a	ND	
GU-4BG	u	1,1,1-Trichloroethane	71-55-6	ug/L	4/9/2010	4	n/a	ND	
GU-4BG	u	1,1,2-Trichloroethane	79-00-5	ug/L	4/9/2010	1	n/a	ND	
GU-4BG	u	Trichloroethene	79-01-6	ug/L	4/9/2010	1	n/a	ND	
GU-4BG	u	Trichlorofluoromethane	75-69-4	ug/L	4/9/2010	4	n/a	ND	
GU-4BG	u	1,2,3-Trichloropropane	96-18-4	ug/L	4/9/2010	1	n/a	ND	
GU-4BG	u	Vinyl acetate	108-05-4	ug/L	4/9/2010	2	n/a	ND	
GU-4BG	u	Vinyl chloride	75-01-4	ug/L	4/9/2010	1	n/a	ND	
GU-4BG	u	Xylenes, total	1330-20-7	ug/L	4/9/2010	6	n/a	ND	
GU-5	d	Antimony	7440-36-0	mg/L	4/9/2010	0.006	n/a	ND	
GU-5	d	Antimony	7440-36-0	mg/L	4/9/2010	0.006	n/a	ND	
GU-5	d	Arsenic	7440-38-2	mg/L	4/9/2010	n/a	n/a		0.00225
GU-5	d	Arsenic	7440-38-2	mg/L	4/9/2010	n/a	n/a		0.00229
GU-5	d	Barium	7440-39-3	mg/L	4/9/2010	n/a	n/a		0.21
GU-5	d	Barium	7440-39-3	mg/L	4/9/2010	n/a	n/a		0.206
GU-5	d	Beryllium	7440-41-7	mg/L	4/9/2010	0.001	n/a	ND	
GU-5	d	Beryllium	7440-41-7	mg/L	4/9/2010	0.001	n/a	ND	
GU-5	d	Cadmium	7440-43-9	mg/L	4/9/2010	0.0005	n/a	ND	
GU-5	d	Cadmium	7440-43-9	mg/L	4/9/2010	0.0005	n/a	ND	
GU-5	d	Chromium	7440-47-3	mg/L	4/9/2010	0.02	n/a	ND	
GU-5	d	Chromium	7440-47-3	mg/L	4/9/2010	0.02	n/a	ND	
GU-5	d	Cobalt	7440-48-4	mg/L	4/9/2010	n/a	n/a		0.00503
GU-5	d	Cobalt	7440-48-4	mg/L	4/9/2010	n/a	n/a		0.00362
GU-5	d	Copper	7440-50-8	mg/L	4/9/2010	0.02	n/a	ND	
GU-5	d	Copper	7440-50-8	mg/L	4/9/2010	0.02	n/a	ND	
GU-5	d	Lead	7439-92-1	mg/L	4/9/2010	0.004	n/a	ND	
GU-5	d	Lead	7439-92-1	mg/L	4/9/2010	0.004	n/a	ND	
GU-5	d	Nickel	7440-02-0	mg/L	4/9/2010	0.05	n/a	ND	
GU-5	d	Nickel	7440-02-0	mg/L	4/9/2010	0.05	n/a	ND	
GU-5	d	Selenium	7782-49-2	mg/L	4/9/2010	0.005	n/a	ND	
GU-5	d	Selenium	7782-49-2	mg/L	4/9/2010	0.005	n/a	ND	
GU-5	d	Silver	7440-22-4	mg/L	4/9/2010	0.02	n/a	ND	
GU-5	d	Silver	7440-22-4	mg/L	4/9/2010	0.02	n/a	ND	
GU-5	d	Thallium	7440-28-0	mg/L	4/9/2010	0.002	n/a	ND	
GU-5	d	Thallium	7440-28-0	mg/L	4/9/2010	0.002	n/a	ND	
GU-5	d	Vanadium	7440-62-2	mg/L	4/9/2010	0.05	n/a	ND	
GU-5	d	Vanadium	7440-62-2	mg/L	4/9/2010	0.05	n/a	ND	
GU-5	d	Zinc	7440-66-6	mg/L	4/9/2010	n/a	n/a		0.0251
GU-5	d	Zinc	7440-66-6	mg/L	4/9/2010	n/a	n/a		0.0283
GU-5	d	Acetone	67-64-1	ug/L	4/9/2010	10	n/a	ND	
GU-5	d	Acetone	67-64-1	ug/L	4/9/2010	10	n/a	ND	
GU-5	d	Acrylonitrile	107-13-1	ug/L	4/9/2010	10	n/a	ND	

Table 9A
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Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
GU-5	d	Acrylonitrile	107-13-1	ug/L	4/9/2010	10	n/a	ND	
GU-5	d	Benzene	71-43-2	ug/L	4/9/2010	0.5	n/a	ND	
GU-5	d	Benzene	71-43-2	ug/L	4/9/2010	0.5	n/a	ND	
GU-5	d	Bromochloromethane	74-97-5	ug/L	4/9/2010	5	n/a	ND	
GU-5	d	Bromochloromethane	74-97-5	ug/L	4/9/2010	5	n/a	ND	
GU-5	d	Bromodichloromethane	75-27-4	ug/L	4/9/2010	10	n/a	ND	
GU-5	d	Bromodichloromethane	75-27-4	ug/L	4/9/2010	10	n/a	ND	
GU-5	d	Bromoform	75-25-2	ug/L	4/9/2010	50	n/a	ND	
GU-5	d	Bromoform	75-25-2	ug/L	4/9/2010	50	n/a	ND	
GU-5	d	Carbon disulfide	75-15-0	ug/L	4/9/2010	1	n/a	ND	
GU-5	d	Carbon disulfide	75-15-0	ug/L	4/9/2010	1	n/a	ND	
GU-5	d	Carbon Tetrachloride	56-23-5	ug/L	4/9/2010	4	n/a	ND	
GU-5	d	Carbon Tetrachloride	56-23-5	ug/L	4/9/2010	4	n/a	ND	
GU-5	d	Chlorobenzene	108-90-7	ug/L	4/9/2010	1	n/a	ND	
GU-5	d	Chlorobenzene	108-90-7	ug/L	4/9/2010	1	n/a	ND	
GU-5	d	Chloroethane	75-00-3	ug/L	4/9/2010	4	n/a	ND	
GU-5	d	Chloroethane	75-00-3	ug/L	4/9/2010	4	n/a	ND	
GU-5	d	Chloroform	67-66-3	ug/L	4/9/2010	2	n/a	ND	
GU-5	d	Chloroform	67-66-3	ug/L	4/9/2010	2	n/a	ND	
GU-5	d	Chlorodibromomethane	124-48-1	ug/L	4/9/2010	20	n/a	ND	
GU-5	d	Chlorodibromomethane	124-48-1	ug/L	4/9/2010	20	n/a	ND	
GU-5	d	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	4/9/2010	0.498	n/a	ND	
GU-5	d	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	4/9/2010	0.498	n/a	ND	
GU-5	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	4/9/2010	0.255	n/a	ND	
GU-5	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	4/9/2010	0.255	n/a	ND	
GU-5	d	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	4/9/2010	10	n/a	ND	
GU-5	d	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	4/9/2010	10	n/a	ND	
GU-5	d	1,1-Dichloroethane	75-34-3	ug/L	4/9/2010	1	n/a	ND	
GU-5	d	1,1-Dichloroethane	75-34-3	ug/L	4/9/2010	1	n/a	ND	
GU-5	d	1,2-Dichloroethane	107-06-2	ug/L	4/9/2010	1	n/a	ND	
GU-5	d	1,2-Dichloroethane	107-06-2	ug/L	4/9/2010	1	n/a	ND	
GU-5	d	1,1-Dichloroethene	75-35-4	ug/L	4/9/2010	2	n/a	ND	
GU-5	d	1,1-Dichloroethene	75-35-4	ug/L	4/9/2010	2	n/a	ND	
GU-5	d	cis-1,2-Dichloroethene	156-59-2	ug/L	4/9/2010	1	n/a	ND	
GU-5	d	cis-1,2-Dichloroethene	156-59-2	ug/L	4/9/2010	1	n/a	ND	
GU-5	d	trans-1,2-Dichloroethene	156-60-5	ug/L	4/9/2010	1	n/a	ND	
GU-5	d	trans-1,2-Dichloroethene	156-60-5	ug/L	4/9/2010	1	n/a	ND	
GU-5	d	1,2-Dichloropropane	78-87-5	ug/L	4/9/2010	1	n/a	ND	
GU-5	d	1,2-Dichloropropane	78-87-5	ug/L	4/9/2010	1	n/a	ND	
GU-5	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	4/9/2010	20	n/a	ND	
GU-5	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	4/9/2010	20	n/a	ND	
GU-5	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	4/9/2010	20	n/a	ND	
GU-5	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	4/9/2010	20	n/a	ND	
GU-5	d	1,2-Dichlorobenzene	95-50-1	ug/L	4/9/2010	1	n/a	ND	
GU-5	d	1,2-Dichlorobenzene	95-50-1	ug/L	4/9/2010	1	n/a	ND	
GU-5	d	1,4-Dichlorobenzene	106-46-7	ug/L	4/9/2010	1	n/a	ND	
GU-5	d	1,4-Dichlorobenzene	106-46-7	ug/L	4/9/2010	1	n/a	ND	
GU-5	d	Ethylbenzene	100-41-4	ug/L	4/9/2010	1	n/a	ND	
GU-5	d	Ethylbenzene	100-41-4	ug/L	4/9/2010	1	n/a	ND	
GU-5	d	2-Hexanone	591-78-6	ug/L	4/9/2010	10	n/a	ND	
GU-5	d	2-Hexanone	591-78-6	ug/L	4/9/2010	10	n/a	ND	
GU-5	d	Bromomethane	74-83-9	ug/L	4/9/2010	4	n/a	ND	
GU-5	d	Bromomethane	74-83-9	ug/L	4/9/2010	4	n/a	ND	
GU-5	d	Chloromethane	74-87-3	ug/L	4/9/2010	3	n/a	ND	
GU-5	d	Chloromethane	74-87-3	ug/L	4/9/2010	3	n/a	ND	
GU-5	d	2-Butanone	78-93-3	ug/L	4/9/2010	10	n/a	ND	
GU-5	d	2-Butanone	78-93-3	ug/L	4/9/2010	10	n/a	ND	
GU-5	d	Iodomethane	74-88-4	ug/L	4/9/2010	10	n/a	ND	
GU-5	d	Iodomethane	74-88-4	ug/L	4/9/2010	10	n/a	ND	
GU-5	d	4-Methyl-2-pentanone	108-10-1	ug/L	4/9/2010	10	n/a	ND	
GU-5	d	4-Methyl-2-pentanone	108-10-1	ug/L	4/9/2010	10	n/a	ND	
GU-5	d	Methylene Bromide	74-95-3	ug/L	4/9/2010	1	n/a	ND	
GU-5	d	Methylene Bromide	74-95-3	ug/L	4/9/2010	1	n/a	ND	
GU-5	d	Methylene Chloride	75-09-2	ug/L	4/9/2010	5	n/a	ND	
GU-5	d	Methylene Chloride	75-09-2	ug/L	4/9/2010	5	n/a	ND	
GU-5	d	Styrene	100-42-5	ug/L	4/9/2010	4	n/a	ND	
GU-5	d	Styrene	100-42-5	ug/L	4/9/2010	4	n/a	ND	
GU-5	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	4/9/2010	5	n/a	ND	
GU-5	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	4/9/2010	5	n/a	ND	
GU-5	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	4/9/2010	1	n/a	ND	
GU-5	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	4/9/2010	1	n/a	ND	
GU-5	d	Tetrachloroethene	127-18-4	ug/L	4/9/2010	1	n/a	ND	
GU-5	d	Tetrachloroethene	127-18-4	ug/L	4/9/2010	1	n/a	ND	
GU-5	d	Toluene	108-88-3	ug/L	4/9/2010	1	n/a	ND	
GU-5	d	Toluene	108-88-3	ug/L	4/9/2010	1	n/a	ND	

Table 9A
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Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
GU-5	d	1,1,1-Trichloroethane	71-55-6	ug/L	4/9/2010	4	n/a	ND	
GU-5	d	1,1,1-Trichloroethane	71-55-6	ug/L	4/9/2010	4	n/a	ND	
GU-5	d	1,1,2-Trichloroethane	79-00-5	ug/L	4/9/2010	1	n/a	ND	
GU-5	d	1,1,2-Trichloroethane	79-00-5	ug/L	4/9/2010	1	n/a	ND	
GU-5	d	Trichloroethene	79-01-6	ug/L	4/9/2010	1	n/a	ND	
GU-5	d	Trichloroethene	79-01-6	ug/L	4/9/2010	1	n/a	ND	
GU-5	d	Trichlorofluoromethane	75-69-4	ug/L	4/9/2010	4	n/a	ND	
GU-5	d	Trichlorofluoromethane	75-69-4	ug/L	4/9/2010	4	n/a	ND	
GU-5	d	1,2,3-Trichloropropane	96-18-4	ug/L	4/9/2010	1	n/a	ND	
GU-5	d	1,2,3-Trichloropropane	96-18-4	ug/L	4/9/2010	1	n/a	ND	
GU-5	d	Vinyl acetate	108-05-4	ug/L	4/9/2010	2	n/a	ND	
GU-5	d	Vinyl acetate	108-05-4	ug/L	4/9/2010	2	n/a	ND	
GU-5	d	Vinyl chloride	75-01-4	ug/L	4/9/2010	1	n/a	ND	
GU-5	d	Vinyl chloride	75-01-4	ug/L	4/9/2010	1	n/a	ND	
GU-5	d	Xylenes, total	1330-20-7	ug/L	4/9/2010	6	n/a	ND	
GU-5	d	Xylenes, total	1330-20-7	ug/L	4/9/2010	6	n/a	ND	
GU-5BG	u	Antimony	7440-36-0	mg/L	4/9/2010	0.006	n/a	ND	
GU-5BG	u	Antimony	7440-36-0	mg/L	4/9/2010	0.006	n/a	ND	
GU-5BG	u	Arsenic	7440-38-2	mg/L	4/9/2010	n/a	n/a		0.00225
GU-5BG	u	Arsenic	7440-38-2	mg/L	4/9/2010	n/a	n/a		0.00229
GU-5BG	u	Barium	7440-39-3	mg/L	4/9/2010	n/a	n/a		0.21
GU-5BG	u	Barium	7440-39-3	mg/L	4/9/2010	n/a	n/a		0.206
GU-5BG	u	Beryllium	7440-41-7	mg/L	4/9/2010	0.001	n/a	ND	
GU-5BG	u	Beryllium	7440-41-7	mg/L	4/9/2010	0.001	n/a	ND	
GU-5BG	u	Cadmium	7440-43-9	mg/L	4/9/2010	0.0005	n/a	ND	
GU-5BG	u	Cadmium	7440-43-9	mg/L	4/9/2010	0.0005	n/a	ND	
GU-5BG	u	Chromium	7440-47-3	mg/L	4/9/2010	0.02	n/a	ND	
GU-5BG	u	Chromium	7440-47-3	mg/L	4/9/2010	0.02	n/a	ND	
GU-5BG	u	Cobalt	7440-48-4	mg/L	4/9/2010	n/a	n/a		0.00362
GU-5BG	u	Cobalt	7440-48-4	mg/L	4/9/2010	n/a	n/a		0.00503
GU-5BG	u	Copper	7440-50-8	mg/L	4/9/2010	0.02	n/a	ND	
GU-5BG	u	Copper	7440-50-8	mg/L	4/9/2010	0.02	n/a	ND	
GU-5BG	u	Lead	7439-92-1	mg/L	4/9/2010	0.004	n/a	ND	
GU-5BG	u	Lead	7439-92-1	mg/L	4/9/2010	0.004	n/a	ND	
GU-5BG	u	Nickel	7440-02-0	mg/L	4/9/2010	0.05	n/a	ND	
GU-5BG	u	Nickel	7440-02-0	mg/L	4/9/2010	0.05	n/a	ND	
GU-5BG	u	Selenium	7782-49-2	mg/L	4/9/2010	0.005	n/a	ND	
GU-5BG	u	Selenium	7782-49-2	mg/L	4/9/2010	0.005	n/a	ND	
GU-5BG	u	Silver	7440-22-4	mg/L	4/9/2010	0.02	n/a	ND	
GU-5BG	u	Silver	7440-22-4	mg/L	4/9/2010	0.02	n/a	ND	
GU-5BG	u	Thallium	7440-28-0	mg/L	4/9/2010	0.002	n/a	ND	
GU-5BG	u	Thallium	7440-28-0	mg/L	4/9/2010	0.002	n/a	ND	
GU-5BG	u	Vanadium	7440-62-2	mg/L	4/9/2010	0.05	n/a	ND	
GU-5BG	u	Vanadium	7440-62-2	mg/L	4/9/2010	0.05	n/a	ND	
GU-5BG	u	Zinc	7440-66-6	mg/L	4/9/2010	n/a	n/a		0.0283
GU-5BG	u	Zinc	7440-66-6	mg/L	4/9/2010	n/a	n/a		0.0251
GU-5BG	u	Acetone	67-64-1	ug/L	4/9/2010	10	n/a	ND	
GU-5BG	u	Acetone	67-64-1	ug/L	4/9/2010	10	n/a	ND	
GU-5BG	u	Acrylonitrile	107-13-1	ug/L	4/9/2010	10	n/a	ND	
GU-5BG	u	Acrylonitrile	107-13-1	ug/L	4/9/2010	10	n/a	ND	
GU-5BG	u	Benzene	71-43-2	ug/L	4/9/2010	0.5	n/a	ND	
GU-5BG	u	Benzene	71-43-2	ug/L	4/9/2010	0.5	n/a	ND	
GU-5BG	u	Bromochloromethane	74-97-5	ug/L	4/9/2010	5	n/a	ND	
GU-5BG	u	Bromochloromethane	74-97-5	ug/L	4/9/2010	5	n/a	ND	
GU-5BG	u	Bromodichloromethane	75-27-4	ug/L	4/9/2010	10	n/a	ND	
GU-5BG	u	Bromodichloromethane	75-27-4	ug/L	4/9/2010	10	n/a	ND	
GU-5BG	u	Bromoform	75-25-2	ug/L	4/9/2010	50	n/a	ND	
GU-5BG	u	Bromoform	75-25-2	ug/L	4/9/2010	50	n/a	ND	
GU-5BG	u	Carbon disulfide	75-15-0	ug/L	4/9/2010	1	n/a	ND	
GU-5BG	u	Carbon disulfide	75-15-0	ug/L	4/9/2010	1	n/a	ND	
GU-5BG	u	Carbon Tetrachloride	56-23-5	ug/L	4/9/2010	4	n/a	ND	
GU-5BG	u	Carbon Tetrachloride	56-23-5	ug/L	4/9/2010	4	n/a	ND	
GU-5BG	u	Chlorobenzene	108-90-7	ug/L	4/9/2010	1	n/a	ND	
GU-5BG	u	Chlorobenzene	108-90-7	ug/L	4/9/2010	1	n/a	ND	
GU-5BG	u	Chloroethane	75-00-3	ug/L	4/9/2010	4	n/a	ND	
GU-5BG	u	Chloroethane	75-00-3	ug/L	4/9/2010	4	n/a	ND	
GU-5BG	u	Chloroform	67-66-3	ug/L	4/9/2010	2	n/a	ND	
GU-5BG	u	Chloroform	67-66-3	ug/L	4/9/2010	2	n/a	ND	
GU-5BG	u	Chlorodibromomethane	124-48-1	ug/L	4/9/2010	20	n/a	ND	
GU-5BG	u	Chlorodibromomethane	124-48-1	ug/L	4/9/2010	20	n/a	ND	
GU-5BG	u	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	4/9/2010	0.498	n/a	ND	
GU-5BG	u	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	4/9/2010	0.498	n/a	ND	
GU-5BG	u	1,2-Dibromoethane [EDB]	106-93-4	ug/L	4/9/2010	0.255	n/a	ND	
GU-5BG	u	1,2-Dibromoethane [EDB]	106-93-4	ug/L	4/9/2010	0.255	n/a	ND	
GU-5BG	u	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	4/9/2010	10	n/a	ND	

Table 9A
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Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
GU-5BG	u	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	4/9/2010	10	n/a	ND	
GU-5BG	u	1,1-Dichloroethane	75-34-3	ug/L	4/9/2010	1	n/a	ND	
GU-5BG	u	1,1-Dichloroethane	75-34-3	ug/L	4/9/2010	1	n/a	ND	
GU-5BG	u	1,2-Dichloroethane	107-06-2	ug/L	4/9/2010	1	n/a	ND	
GU-5BG	u	1,2-Dichloroethane	107-06-2	ug/L	4/9/2010	1	n/a	ND	
GU-5BG	u	1,1-Dichloroethene	75-35-4	ug/L	4/9/2010	2	n/a	ND	
GU-5BG	u	1,1-Dichloroethene	75-35-4	ug/L	4/9/2010	2	n/a	ND	
GU-5BG	u	cis-1,2-Dichloroethene	156-59-2	ug/L	4/9/2010	1	n/a	ND	
GU-5BG	u	cis-1,2-Dichloroethene	156-59-2	ug/L	4/9/2010	1	n/a	ND	
GU-5BG	u	trans-1,2-Dichloroethene	156-60-5	ug/L	4/9/2010	1	n/a	ND	
GU-5BG	u	trans-1,2-Dichloroethene	156-60-5	ug/L	4/9/2010	1	n/a	ND	
GU-5BG	u	1,2-Dichloropropane	78-87-5	ug/L	4/9/2010	1	n/a	ND	
GU-5BG	u	1,2-Dichloropropane	78-87-5	ug/L	4/9/2010	1	n/a	ND	
GU-5BG	u	cis-1,3-Dichloropropene	10061-01-5	ug/L	4/9/2010	20	n/a	ND	
GU-5BG	u	cis-1,3-Dichloropropene	10061-01-5	ug/L	4/9/2010	20	n/a	ND	
GU-5BG	u	trans-1,3-Dichloropropene	10061-02-6	ug/L	4/9/2010	20	n/a	ND	
GU-5BG	u	trans-1,3-Dichloropropene	10061-02-6	ug/L	4/9/2010	20	n/a	ND	
GU-5BG	u	1,2-Dichlorobenzene	95-50-1	ug/L	4/9/2010	1	n/a	ND	
GU-5BG	u	1,2-Dichlorobenzene	95-50-1	ug/L	4/9/2010	1	n/a	ND	
GU-5BG	u	1,4-Dichlorobenzene	106-46-7	ug/L	4/9/2010	1	n/a	ND	
GU-5BG	u	1,4-Dichlorobenzene	106-46-7	ug/L	4/9/2010	1	n/a	ND	
GU-5BG	u	Ethylbenzene	100-41-4	ug/L	4/9/2010	1	n/a	ND	
GU-5BG	u	Ethylbenzene	100-41-4	ug/L	4/9/2010	1	n/a	ND	
GU-5BG	u	2-Hexanone	591-78-6	ug/L	4/9/2010	10	n/a	ND	
GU-5BG	u	2-Hexanone	591-78-6	ug/L	4/9/2010	10	n/a	ND	
GU-5BG	u	Bromomethane	74-83-9	ug/L	4/9/2010	4	n/a	ND	
GU-5BG	u	Bromomethane	74-83-9	ug/L	4/9/2010	4	n/a	ND	
GU-5BG	u	Chloromethane	74-87-3	ug/L	4/9/2010	3	n/a	ND	
GU-5BG	u	Chloromethane	74-87-3	ug/L	4/9/2010	3	n/a	ND	
GU-5BG	u	2-Butanone	78-93-3	ug/L	4/9/2010	10	n/a	ND	
GU-5BG	u	2-Butanone	78-93-3	ug/L	4/9/2010	10	n/a	ND	
GU-5BG	u	Iodomethane	74-88-4	ug/L	4/9/2010	10	n/a	ND	
GU-5BG	u	Iodomethane	74-88-4	ug/L	4/9/2010	10	n/a	ND	
GU-5BG	u	4-Methyl-2-pentanone	108-10-1	ug/L	4/9/2010	10	n/a	ND	
GU-5BG	u	4-Methyl-2-pentanone	108-10-1	ug/L	4/9/2010	10	n/a	ND	
GU-5BG	u	Methylene Bromide	74-95-3	ug/L	4/9/2010	1	n/a	ND	
GU-5BG	u	Methylene Bromide	74-95-3	ug/L	4/9/2010	1	n/a	ND	
GU-5BG	u	Methylene Chloride	75-09-2	ug/L	4/9/2010	5	n/a	ND	
GU-5BG	u	Methylene Chloride	75-09-2	ug/L	4/9/2010	5	n/a	ND	
GU-5BG	u	Styrene	100-42-5	ug/L	4/9/2010	4	n/a	ND	
GU-5BG	u	Styrene	100-42-5	ug/L	4/9/2010	4	n/a	ND	
GU-5BG	u	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	4/9/2010	5	n/a	ND	
GU-5BG	u	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	4/9/2010	5	n/a	ND	
GU-5BG	u	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	4/9/2010	1	n/a	ND	
GU-5BG	u	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	4/9/2010	1	n/a	ND	
GU-5BG	u	Tetrachloroethene	127-18-4	ug/L	4/9/2010	1	n/a	ND	
GU-5BG	u	Tetrachloroethene	127-18-4	ug/L	4/9/2010	1	n/a	ND	
GU-5BG	u	Toluene	108-88-3	ug/L	4/9/2010	1	n/a	ND	
GU-5BG	u	Toluene	108-88-3	ug/L	4/9/2010	1	n/a	ND	
GU-5BG	u	1,1,1-Trichloroethane	71-55-6	ug/L	4/9/2010	4	n/a	ND	
GU-5BG	u	1,1,1-Trichloroethane	71-55-6	ug/L	4/9/2010	4	n/a	ND	
GU-5BG	u	1,1,2-Trichloroethane	79-00-5	ug/L	4/9/2010	1	n/a	ND	
GU-5BG	u	1,1,2-Trichloroethane	79-00-5	ug/L	4/9/2010	1	n/a	ND	
GU-5BG	u	Trichloroethene	79-01-6	ug/L	4/9/2010	1	n/a	ND	
GU-5BG	u	Trichloroethene	79-01-6	ug/L	4/9/2010	1	n/a	ND	
GU-5BG	u	Trichlorofluoromethane	75-69-4	ug/L	4/9/2010	4	n/a	ND	
GU-5BG	u	Trichlorofluoromethane	75-69-4	ug/L	4/9/2010	4	n/a	ND	
GU-5BG	u	1,2,3-Trichloropropane	96-18-4	ug/L	4/9/2010	1	n/a	ND	
GU-5BG	u	1,2,3-Trichloropropane	96-18-4	ug/L	4/9/2010	1	n/a	ND	
GU-5BG	u	Vinyl acetate	108-05-4	ug/L	4/9/2010	2	n/a	ND	
GU-5BG	u	Vinyl acetate	108-05-4	ug/L	4/9/2010	2	n/a	ND	
GU-5BG	u	Vinyl chloride	75-01-4	ug/L	4/9/2010	1	n/a	ND	
GU-5BG	u	Vinyl chloride	75-01-4	ug/L	4/9/2010	1	n/a	ND	
GU-5BG	u	Xylenes, total	1330-20-7	ug/L	4/9/2010	6	n/a	ND	
GU-5BG	u	Xylenes, total	1330-20-7	ug/L	4/9/2010	6	n/a	ND	
GU-3	d	Antimony	7440-36-0	mg/L	9/17/2010	0.006	n/a	ND	
GU-3	d	Arsenic	7440-38-2	mg/L	9/17/2010	n/a	n/a		0.0215
GU-3	d	Barium	7440-39-3	mg/L	9/17/2010	n/a	n/a		0.612
GU-3	d	Beryllium	7440-41-7	mg/L	9/17/2010	0.001	n/a	ND	
GU-3	d	Cadmium	7440-43-9	mg/L	9/17/2010	0.0005	n/a	ND	
GU-3	d	Chromium	7440-47-3	mg/L	9/17/2010	0.02	n/a	ND	
GU-3	d	Cobalt	7440-48-4	mg/L	9/17/2010	n/a	n/a		0.00643
GU-3	d	Copper	7440-50-8	mg/L	9/17/2010	0.02	n/a	ND	
GU-3	d	Lead	7439-92-1	mg/L	9/17/2010	0.004	n/a	ND	
GU-3	d	Nickel	7440-02-0	mg/L	9/17/2010	0.05	n/a	ND	

Table 9A
Analytical Data Summary - Phase II MSWLF
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Phase II MSWLF and CWTS
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
GU-3	d	Selenium	7782-49-2	mg/L	9/17/2010	0.005	n/a	ND	
GU-3	d	Silver	7440-22-4	mg/L	9/17/2010	0.02	n/a	ND	
GU-3	d	Thallium	7440-28-0	mg/L	9/17/2010	0.002	n/a	ND	
GU-3	d	Vanadium	7440-62-2	mg/L	9/17/2010	0.05	n/a	ND	
GU-3	d	Zinc	7440-66-6	mg/L	9/17/2010	0.02	n/a	ND	
GU-3	d	Acetone	67-64-1	ug/L	9/17/2010	10	n/a	ND	
GU-3	d	Acrylonitrile	107-13-1	ug/L	9/17/2010	10	n/a	ND	
GU-3	d	Benzene	71-43-2	ug/L	9/17/2010	0.5	n/a	ND	
GU-3	d	Bromochloromethane	74-97-5	ug/L	9/17/2010	5	n/a	ND	
GU-3	d	Bromodichloromethane	75-27-4	ug/L	9/17/2010	1	n/a	ND	
GU-3	d	Bromoform	75-25-2	ug/L	9/17/2010	5	n/a	ND	
GU-3	d	Carbon disulfide	75-15-0	ug/L	9/17/2010	10	n/a	ND	
GU-3	d	Carbon Tetrachloride	56-23-5	ug/L	9/17/2010	5	n/a	ND	
GU-3	d	Chlorobenzene	108-90-7	ug/L	9/17/2010	1	n/a	ND	
GU-3	d	Chloroethane	75-00-3	ug/L	9/17/2010	4	n/a	ND	
GU-3	d	Chloroform	67-66-3	ug/L	9/17/2010	1	n/a	ND	
GU-3	d	Chlorodibromomethane	124-48-1	ug/L	9/17/2010	5	n/a	ND	
GU-3	d	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	9/17/2010	0.498	n/a	ND	
GU-3	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	9/17/2010	0.255	n/a	ND	
GU-3	d	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	9/17/2010	10	n/a	ND	
GU-3	d	1,1-Dichloroethane	75-34-3	ug/L	9/17/2010	1	n/a	ND	
GU-3	d	1,2-Dichloroethane	107-06-2	ug/L	9/17/2010	1	n/a	ND	
GU-3	d	1,1-Dichloroethene	75-35-4	ug/L	9/17/2010	2	n/a	ND	
GU-3	d	cis-1,2-Dichloroethene	156-59-2	ug/L	9/17/2010	1	n/a	ND	
GU-3	d	trans-1,2-Dichloroethene	156-60-5	ug/L	9/17/2010	1	n/a	ND	
GU-3	d	1,2-Dichloropropane	78-87-5	ug/L	9/17/2010	1	n/a	ND	
GU-3	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	9/17/2010	10	n/a	ND	
GU-3	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	9/17/2010	10	n/a	ND	
GU-3	d	1,2-Dichlorobenzene	95-50-1	ug/L	9/17/2010	1	n/a	ND	
GU-3	d	1,4-Dichlorobenzene	106-46-7	ug/L	9/17/2010	1	n/a	ND	
GU-3	d	Ethylbenzene	100-41-4	ug/L	9/17/2010	1	n/a	ND	
GU-3	d	2-Hexanone	591-78-6	ug/L	9/17/2010	10	n/a	ND	
GU-3	d	Bromomethane	74-83-9	ug/L	9/17/2010	4	n/a	ND	
GU-3	d	Chloromethane	74-87-3	ug/L	9/17/2010	3	n/a	ND	
GU-3	d	2-Butanone	78-93-3	ug/L	9/17/2010	10	n/a	ND	
GU-3	d	Iodomethane	74-88-4	ug/L	9/17/2010	20	n/a	ND	
GU-3	d	4-Methyl-2-pentanone	108-10-1	ug/L	9/17/2010	10	n/a	ND	
GU-3	d	Methylene Bromide	74-95-3	ug/L	9/17/2010	1	n/a	ND	
GU-3	d	Methylene Chloride	75-09-2	ug/L	9/17/2010	5	n/a	ND	
GU-3	d	Styrene	100-42-5	ug/L	9/17/2010	1	n/a	ND	
GU-3	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	9/17/2010	5	n/a	ND	
GU-3	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	9/17/2010	1	n/a	ND	
GU-3	d	Tetrachloroethene	127-18-4	ug/L	9/17/2010	1	n/a	ND	
GU-3	d	Toluene	108-88-3	ug/L	9/17/2010	1	n/a	ND	
GU-3	d	1,1,1-Trichloroethane	71-55-6	ug/L	9/17/2010	1	n/a	ND	
GU-3	d	1,1,2-Trichloroethane	79-00-5	ug/L	9/17/2010	1	n/a	ND	
GU-3	d	Trichloroethene	79-01-6	ug/L	9/17/2010	1	n/a	ND	
GU-3	d	Trichlorofluoromethane	75-69-4	ug/L	9/17/2010	4	n/a	ND	
GU-3	d	1,2,3-Trichloropropane	96-18-4	ug/L	9/17/2010	1	n/a	ND	
GU-3	d	Vinyl acetate	108-05-4	ug/L	9/17/2010	2	n/a	ND	
GU-3	d	Vinyl chloride	75-01-4	ug/L	9/17/2010	1	n/a	ND	
GU-3	d	Xylenes, total	1330-20-7	ug/L	9/17/2010	3	n/a	ND	
GU-3BG	u	Antimony	7440-36-0	mg/L	9/17/2010	0.006	n/a	ND	
GU-3BG	u	Arsenic	7440-38-2	mg/L	9/17/2010	n/a	n/a		0.0215
GU-3BG	u	Barium	7440-39-3	mg/L	9/17/2010	n/a	n/a		0.612
GU-3BG	u	Beryllium	7440-41-7	mg/L	9/17/2010	0.001	n/a	ND	
GU-3BG	u	Cadmium	7440-43-9	mg/L	9/17/2010	0.0005	n/a	ND	
GU-3BG	u	Chromium	7440-47-3	mg/L	9/17/2010	0.02	n/a	ND	
GU-3BG	u	Cobalt	7440-48-4	mg/L	9/17/2010	n/a	n/a		0.00643
GU-3BG	u	Copper	7440-50-8	mg/L	9/17/2010	0.02	n/a	ND	
GU-3BG	u	Lead	7439-92-1	mg/L	9/17/2010	0.004	n/a	ND	
GU-3BG	u	Nickel	7440-02-0	mg/L	9/17/2010	0.05	n/a	ND	
GU-3BG	u	Selenium	7782-49-2	mg/L	9/17/2010	0.005	n/a	ND	
GU-3BG	u	Silver	7440-22-4	mg/L	9/17/2010	0.02	n/a	ND	
GU-3BG	u	Thallium	7440-28-0	mg/L	9/17/2010	0.002	n/a	ND	
GU-3BG	u	Vanadium	7440-62-2	mg/L	9/17/2010	0.05	n/a	ND	
GU-3BG	u	Zinc	7440-66-6	mg/L	9/17/2010	0.02	n/a	ND	
GU-3BG	u	Acetone	67-64-1	ug/L	9/17/2010	10	n/a	ND	
GU-3BG	u	Acrylonitrile	107-13-1	ug/L	9/17/2010	10	n/a	ND	
GU-3BG	u	Benzene	71-43-2	ug/L	9/17/2010	0.5	n/a	ND	
GU-3BG	u	Bromochloromethane	74-97-5	ug/L	9/17/2010	5	n/a	ND	
GU-3BG	u	Bromodichloromethane	75-27-4	ug/L	9/17/2010	1	n/a	ND	
GU-3BG	u	Bromoform	75-25-2	ug/L	9/17/2010	5	n/a	ND	
GU-3BG	u	Carbon disulfide	75-15-0	ug/L	9/17/2010	10	n/a	ND	
GU-3BG	u	Carbon Tetrachloride	56-23-5	ug/L	9/17/2010	5	n/a	ND	

Table 9A
Analytical Data Summary - Phase II MSWLF
2024 Annual Water Quality Report
Phase II MSWLF and CWTS
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
GU-3BG	u	Chlorobenzene	108-90-7	ug/L	9/17/2010	1	n/a	ND	
GU-3BG	u	Chloroethane	75-00-3	ug/L	9/17/2010	4	n/a	ND	
GU-3BG	u	Chloroform	67-66-3	ug/L	9/17/2010	1	n/a	ND	
GU-3BG	u	Chlorodibromomethane	124-48-1	ug/L	9/17/2010	5	n/a	ND	
GU-3BG	u	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	9/17/2010	0.498	n/a	ND	
GU-3BG	u	1,2-Dibromoethane [EDB]	106-93-4	ug/L	9/17/2010	0.255	n/a	ND	
GU-3BG	u	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	9/17/2010	10	n/a	ND	
GU-3BG	u	1,1-Dichloroethane	75-34-3	ug/L	9/17/2010	1	n/a	ND	
GU-3BG	u	1,2-Dichloroethane	107-06-2	ug/L	9/17/2010	1	n/a	ND	
GU-3BG	u	1,1-Dichloroethene	75-35-4	ug/L	9/17/2010	2	n/a	ND	
GU-3BG	u	cis-1,2-Dichloroethene	156-59-2	ug/L	9/17/2010	1	n/a	ND	
GU-3BG	u	trans-1,2-Dichloroethene	156-60-5	ug/L	9/17/2010	1	n/a	ND	
GU-3BG	u	1,2-Dichloropropane	78-87-5	ug/L	9/17/2010	1	n/a	ND	
GU-3BG	u	cis-1,3-Dichloropropene	10061-01-5	ug/L	9/17/2010	10	n/a	ND	
GU-3BG	u	trans-1,3-Dichloropropene	10061-02-6	ug/L	9/17/2010	10	n/a	ND	
GU-3BG	u	1,2-Dichlorobenzene	95-50-1	ug/L	9/17/2010	1	n/a	ND	
GU-3BG	u	1,4-Dichlorobenzene	106-46-7	ug/L	9/17/2010	1	n/a	ND	
GU-3BG	u	Ethylbenzene	100-41-4	ug/L	9/17/2010	1	n/a	ND	
GU-3BG	u	2-Hexanone	591-78-6	ug/L	9/17/2010	10	n/a	ND	
GU-3BG	u	Bromomethane	74-83-9	ug/L	9/17/2010	4	n/a	ND	
GU-3BG	u	Chloromethane	74-87-3	ug/L	9/17/2010	3	n/a	ND	
GU-3BG	u	2-Butanone	78-93-3	ug/L	9/17/2010	10	n/a	ND	
GU-3BG	u	Iodomethane	74-88-4	ug/L	9/17/2010	20	n/a	ND	
GU-3BG	u	4-Methyl-2-pentanone	108-10-1	ug/L	9/17/2010	10	n/a	ND	
GU-3BG	u	Methylene Bromide	74-95-3	ug/L	9/17/2010	1	n/a	ND	
GU-3BG	u	Methylene Chloride	75-09-2	ug/L	9/17/2010	5	n/a	ND	
GU-3BG	u	Styrene	100-42-5	ug/L	9/17/2010	1	n/a	ND	
GU-3BG	u	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	9/17/2010	5	n/a	ND	
GU-3BG	u	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	9/17/2010	1	n/a	ND	
GU-3BG	u	Tetrachloroethene	127-18-4	ug/L	9/17/2010	1	n/a	ND	
GU-3BG	u	Toluene	108-88-3	ug/L	9/17/2010	1	n/a	ND	
GU-3BG	u	1,1,1-Trichloroethane	71-55-6	ug/L	9/17/2010	1	n/a	ND	
GU-3BG	u	1,1,2-Trichloroethane	79-00-5	ug/L	9/17/2010	1	n/a	ND	
GU-3BG	u	Trichloroethene	79-01-6	ug/L	9/17/2010	1	n/a	ND	
GU-3BG	u	Trichlorofluoromethane	75-69-4	ug/L	9/17/2010	4	n/a	ND	
GU-3BG	u	1,2,3-Trichloropropane	96-18-4	ug/L	9/17/2010	1	n/a	ND	
GU-3BG	u	Vinyl acetate	108-05-4	ug/L	9/17/2010	2	n/a	ND	
GU-3BG	u	Vinyl chloride	75-01-4	ug/L	9/17/2010	1	n/a	ND	
GU-3BG	u	Xylenes, total	1330-20-7	ug/L	9/17/2010	3	n/a	ND	
GU-4	d	Antimony	7440-36-0	mg/L	9/17/2010	0.006	n/a	ND	
GU-4	d	Arsenic	7440-38-2	mg/L	9/17/2010	0.001	n/a	ND	
GU-4	d	Barium	7440-39-3	mg/L	9/17/2010	n/a	n/a		0.0174
GU-4	d	Beryllium	7440-41-7	mg/L	9/17/2010	0.001	n/a	ND	
GU-4	d	Cadmium	7440-43-9	mg/L	9/17/2010	0.0005	n/a	ND	
GU-4	d	Chromium	7440-47-3	mg/L	9/17/2010	0.02	n/a	ND	
GU-4	d	Cobalt	7440-48-4	mg/L	9/17/2010	0.00155	n/a	ND	
GU-4	d	Copper	7440-50-8	mg/L	9/17/2010	0.02	n/a	ND	
GU-4	d	Lead	7439-92-1	mg/L	9/17/2010	0.004	n/a	ND	
GU-4	d	Nickel	7440-02-0	mg/L	9/17/2010	0.05	n/a	ND	
GU-4	d	Selenium	7782-49-2	mg/L	9/17/2010	n/a	n/a		0.00701
GU-4	d	Silver	7440-22-4	mg/L	9/17/2010	0.02	n/a	ND	
GU-4	d	Thallium	7440-28-0	mg/L	9/17/2010	0.002	n/a	ND	
GU-4	d	Vanadium	7440-62-2	mg/L	9/17/2010	0.05	n/a	ND	
GU-4	d	Zinc	7440-66-6	mg/L	9/17/2010	n/a	n/a		0.0654
GU-4	d	Acetone	67-64-1	ug/L	9/17/2010	10	n/a	ND	
GU-4	d	Acrylonitrile	107-13-1	ug/L	9/17/2010	10	n/a	ND	
GU-4	d	Benzene	71-43-2	ug/L	9/17/2010	0.5	n/a	ND	
GU-4	d	Bromochloromethane	74-97-5	ug/L	9/17/2010	5	n/a	ND	
GU-4	d	Bromodichloromethane	75-27-4	ug/L	9/17/2010	1	n/a	ND	
GU-4	d	Bromoform	75-25-2	ug/L	9/17/2010	5	n/a	ND	
GU-4	d	Carbon disulfide	75-15-0	ug/L	9/17/2010	10	n/a	ND	
GU-4	d	Carbon Tetrachloride	56-23-5	ug/L	9/17/2010	5	n/a	ND	
GU-4	d	Chlorobenzene	108-90-7	ug/L	9/17/2010	1	n/a	ND	
GU-4	d	Chloroethane	75-00-3	ug/L	9/17/2010	4	n/a	ND	
GU-4	d	Chloroform	67-66-3	ug/L	9/17/2010	1	n/a	ND	
GU-4	d	Chlorodibromomethane	124-48-1	ug/L	9/17/2010	5	n/a	ND	
GU-4	d	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	9/17/2010	0.498	n/a	ND	
GU-4	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	9/17/2010	0.255	n/a	ND	
GU-4	d	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	9/17/2010	10	n/a	ND	
GU-4	d	1,1-Dichloroethane	75-34-3	ug/L	9/17/2010	1	n/a	ND	
GU-4	d	1,2-Dichloroethane	107-06-2	ug/L	9/17/2010	1	n/a	ND	
GU-4	d	1,1-Dichloroethene	75-35-4	ug/L	9/17/2010	2	n/a	ND	
GU-4	d	cis-1,2-Dichloroethene	156-59-2	ug/L	9/17/2010	1	n/a	ND	
GU-4	d	trans-1,2-Dichloroethene	156-60-5	ug/L	9/17/2010	1	n/a	ND	
GU-4	d	1,2-Dichloropropane	78-87-5	ug/L	9/17/2010	1	n/a	ND	

Table 9A
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Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
GU-4	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	9/17/2010	10	n/a	ND	
GU-4	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	9/17/2010	10	n/a	ND	
GU-4	d	1,2-Dichlorobenzene	95-50-1	ug/L	9/17/2010	1	n/a	ND	
GU-4	d	1,4-Dichlorobenzene	106-46-7	ug/L	9/17/2010	1	n/a	ND	
GU-4	d	Ethylbenzene	100-41-4	ug/L	9/17/2010	1	n/a	ND	
GU-4	d	2-Hexanone	591-78-6	ug/L	9/17/2010	10	n/a	ND	
GU-4	d	Bromomethane	74-83-9	ug/L	9/17/2010	4	n/a	ND	
GU-4	d	Chloromethane	74-87-3	ug/L	9/17/2010	3	n/a	ND	
GU-4	d	2-Butanone	78-93-3	ug/L	9/17/2010	10	n/a	ND	
GU-4	d	Iodomethane	74-88-4	ug/L	9/17/2010	20	n/a	ND	
GU-4	d	4-Methyl-2-pentanone	108-10-1	ug/L	9/17/2010	10	n/a	ND	
GU-4	d	Methylene Bromide	74-95-3	ug/L	9/17/2010	1	n/a	ND	
GU-4	d	Methylene Chloride	75-09-2	ug/L	9/17/2010	5	n/a	ND	
GU-4	d	Styrene	100-42-5	ug/L	9/17/2010	1	n/a	ND	
GU-4	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	9/17/2010	5	n/a	ND	
GU-4	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	9/17/2010	1	n/a	ND	
GU-4	d	Tetrachloroethene	127-18-4	ug/L	9/17/2010	1	n/a	ND	
GU-4	d	Toluene	108-88-3	ug/L	9/17/2010	1	n/a	ND	
GU-4	d	1,1,1-Trichloroethane	71-55-6	ug/L	9/17/2010	1	n/a	ND	
GU-4	d	1,1,2-Trichloroethane	79-00-5	ug/L	9/17/2010	1	n/a	ND	
GU-4	d	Trichloroethene	79-01-6	ug/L	9/17/2010	1	n/a	ND	
GU-4	d	Trichlorofluoromethane	75-69-4	ug/L	9/17/2010	4	n/a	ND	
GU-4	d	1,2,3-Trichloropropane	96-18-4	ug/L	9/17/2010	1	n/a	ND	
GU-4	d	Vinyl acetate	108-05-4	ug/L	9/17/2010	2	n/a	ND	
GU-4	d	Vinyl chloride	75-01-4	ug/L	9/17/2010	1	n/a	ND	
GU-4	d	Xylenes, total	1330-20-7	ug/L	9/17/2010	3	n/a	ND	
GU-4BG	u	Antimony	7440-36-0	mg/L	9/17/2010	0.006	n/a	ND	
GU-4BG	u	Arsenic	7440-38-2	mg/L	9/17/2010	0.001	n/a	ND	
GU-4BG	u	Barium	7440-39-3	mg/L	9/17/2010	n/a	n/a		0.0174
GU-4BG	u	Beryllium	7440-41-7	mg/L	9/17/2010	0.001	n/a	ND	
GU-4BG	u	Cadmium	7440-43-9	mg/L	9/17/2010	0.0005	n/a	ND	
GU-4BG	u	Chromium	7440-47-3	mg/L	9/17/2010	0.02	n/a	ND	
GU-4BG	u	Cobalt	7440-48-4	mg/L	9/17/2010	0.00155	n/a	ND	
GU-4BG	u	Copper	7440-50-8	mg/L	9/17/2010	0.02	n/a	ND	
GU-4BG	u	Lead	7439-92-1	mg/L	9/17/2010	0.004	n/a	ND	
GU-4BG	u	Nickel	7440-02-0	mg/L	9/17/2010	0.05	n/a	ND	
GU-4BG	u	Selenium	7782-49-2	mg/L	9/17/2010	n/a	n/a		0.00701
GU-4BG	u	Silver	7440-22-4	mg/L	9/17/2010	0.02	n/a	ND	
GU-4BG	u	Thallium	7440-28-0	mg/L	9/17/2010	0.002	n/a	ND	
GU-4BG	u	Vanadium	7440-62-2	mg/L	9/17/2010	0.05	n/a	ND	
GU-4BG	u	Zinc	7440-66-6	mg/L	9/17/2010	n/a	n/a		0.0654
GU-4BG	u	Acetone	67-64-1	ug/L	9/17/2010	10	n/a	ND	
GU-4BG	u	Acrylonitrile	107-13-1	ug/L	9/17/2010	10	n/a	ND	
GU-4BG	u	Benzene	71-43-2	ug/L	9/17/2010	0.5	n/a	ND	
GU-4BG	u	Bromochloromethane	74-97-5	ug/L	9/17/2010	5	n/a	ND	
GU-4BG	u	Bromodichloromethane	75-27-4	ug/L	9/17/2010	1	n/a	ND	
GU-4BG	u	Bromoform	75-25-2	ug/L	9/17/2010	5	n/a	ND	
GU-4BG	u	Carbon disulfide	75-15-0	ug/L	9/17/2010	10	n/a	ND	
GU-4BG	u	Carbon Tetrachloride	56-23-5	ug/L	9/17/2010	5	n/a	ND	
GU-4BG	u	Chlorobenzene	108-90-7	ug/L	9/17/2010	1	n/a	ND	
GU-4BG	u	Chloroethane	75-00-3	ug/L	9/17/2010	4	n/a	ND	
GU-4BG	u	Chloroform	67-66-3	ug/L	9/17/2010	1	n/a	ND	
GU-4BG	u	Chlorodibromomethane	124-48-1	ug/L	9/17/2010	5	n/a	ND	
GU-4BG	u	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	9/17/2010	0.498	n/a	ND	
GU-4BG	u	1,2-Dibromoethane [EDB]	106-93-4	ug/L	9/17/2010	0.255	n/a	ND	
GU-4BG	u	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	9/17/2010	10	n/a	ND	
GU-4BG	u	1,1-Dichloroethane	75-34-3	ug/L	9/17/2010	1	n/a	ND	
GU-4BG	u	1,2-Dichloroethane	107-06-2	ug/L	9/17/2010	1	n/a	ND	
GU-4BG	u	1,1-Dichloroethene	75-35-4	ug/L	9/17/2010	2	n/a	ND	
GU-4BG	u	cis-1,2-Dichloroethene	156-59-2	ug/L	9/17/2010	1	n/a	ND	
GU-4BG	u	trans-1,2-Dichloroethene	156-60-5	ug/L	9/17/2010	1	n/a	ND	
GU-4BG	u	1,2-Dichloropropane	78-87-5	ug/L	9/17/2010	1	n/a	ND	
GU-4BG	u	cis-1,3-Dichloropropene	10061-01-5	ug/L	9/17/2010	10	n/a	ND	
GU-4BG	u	trans-1,3-Dichloropropene	10061-02-6	ug/L	9/17/2010	10	n/a	ND	
GU-4BG	u	1,2-Dichlorobenzene	95-50-1	ug/L	9/17/2010	1	n/a	ND	
GU-4BG	u	1,4-Dichlorobenzene	106-46-7	ug/L	9/17/2010	1	n/a	ND	
GU-4BG	u	Ethylbenzene	100-41-4	ug/L	9/17/2010	1	n/a	ND	
GU-4BG	u	2-Hexanone	591-78-6	ug/L	9/17/2010	10	n/a	ND	
GU-4BG	u	Bromomethane	74-83-9	ug/L	9/17/2010	4	n/a	ND	
GU-4BG	u	Chloromethane	74-87-3	ug/L	9/17/2010	3	n/a	ND	
GU-4BG	u	2-Butanone	78-93-3	ug/L	9/17/2010	10	n/a	ND	
GU-4BG	u	Iodomethane	74-88-4	ug/L	9/17/2010	20	n/a	ND	
GU-4BG	u	4-Methyl-2-pentanone	108-10-1	ug/L	9/17/2010	10	n/a	ND	
GU-4BG	u	Methylene Bromide	74-95-3	ug/L	9/17/2010	1	n/a	ND	
GU-4BG	u	Methylene Chloride	75-09-2	ug/L	9/17/2010	5	n/a	ND	

Table 9A
Analytical Data Summary - Phase II MSWLF
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Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
GU-4BG	u	Styrene	100-42-5	ug/L	9/17/2010	1	n/a	ND	
GU-4BG	u	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	9/17/2010	5	n/a	ND	
GU-4BG	u	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	9/17/2010	1	n/a	ND	
GU-4BG	u	Tetrachloroethene	127-18-4	ug/L	9/17/2010	1	n/a	ND	
GU-4BG	u	Toluene	108-88-3	ug/L	9/17/2010	1	n/a	ND	
GU-4BG	u	1,1,1-Trichloroethane	71-55-6	ug/L	9/17/2010	1	n/a	ND	
GU-4BG	u	1,1,2-Trichloroethane	79-00-5	ug/L	9/17/2010	1	n/a	ND	
GU-4BG	u	Trichloroethene	79-01-6	ug/L	9/17/2010	1	n/a	ND	
GU-4BG	u	Trichlorofluoromethane	75-69-4	ug/L	9/17/2010	4	n/a	ND	
GU-4BG	u	1,2,3-Trichloropropane	96-18-4	ug/L	9/17/2010	1	n/a	ND	
GU-4BG	u	Vinyl acetate	108-05-4	ug/L	9/17/2010	2	n/a	ND	
GU-4BG	u	Vinyl chloride	75-01-4	ug/L	9/17/2010	1	n/a	ND	
GU-4BG	u	Xylenes, total	1330-20-7	ug/L	9/17/2010	3	n/a	ND	
GU-5	d	Antimony	7440-36-0	mg/L	9/17/2010	n/a	n/a		0.00814
GU-5	d	Antimony	7440-36-0	mg/L	9/17/2010	0.006	n/a	ND	
GU-5	d	Arsenic	7440-38-2	mg/L	9/17/2010	0.001	n/a	ND	
GU-5	d	Arsenic	7440-38-2	mg/L	9/17/2010	0.001	n/a	ND	
GU-5	d	Barium	7440-39-3	mg/L	9/17/2010	n/a	n/a		0.261
GU-5	d	Barium	7440-39-3	mg/L	9/17/2010	n/a	n/a		0.267
GU-5	d	Beryllium	7440-41-7	mg/L	9/17/2010	0.001	n/a	ND	
GU-5	d	Beryllium	7440-41-7	mg/L	9/17/2010	0.001	n/a	ND	
GU-5	d	Cadmium	7440-43-9	mg/L	9/17/2010	0.0005	n/a	ND	
GU-5	d	Cadmium	7440-43-9	mg/L	9/17/2010	0.0005	n/a	ND	
GU-5	d	Chromium	7440-47-3	mg/L	9/17/2010	0.02	n/a	ND	
GU-5	d	Chromium	7440-47-3	mg/L	9/17/2010	0.02	n/a	ND	
GU-5	d	Cobalt	7440-48-4	mg/L	9/17/2010	n/a	n/a		0.00329
GU-5	d	Cobalt	7440-48-4	mg/L	9/17/2010	n/a	n/a		0.00358
GU-5	d	Copper	7440-50-8	mg/L	9/17/2010	0.02	n/a	ND	
GU-5	d	Copper	7440-50-8	mg/L	9/17/2010	0.02	n/a	ND	
GU-5	d	Lead	7439-92-1	mg/L	9/17/2010	0.004	n/a	ND	
GU-5	d	Lead	7439-92-1	mg/L	9/17/2010	0.004	n/a	ND	
GU-5	d	Nickel	7440-02-0	mg/L	9/17/2010	0.05	n/a	ND	
GU-5	d	Nickel	7440-02-0	mg/L	9/17/2010	0.05	n/a	ND	
GU-5	d	Selenium	7782-49-2	mg/L	9/17/2010	0.005	n/a	ND	
GU-5	d	Selenium	7782-49-2	mg/L	9/17/2010	0.005	n/a	ND	
GU-5	d	Silver	7440-22-4	mg/L	9/17/2010	0.02	n/a	ND	
GU-5	d	Silver	7440-22-4	mg/L	9/17/2010	0.02	n/a	ND	
GU-5	d	Thallium	7440-28-0	mg/L	9/17/2010	0.002	n/a	ND	
GU-5	d	Thallium	7440-28-0	mg/L	9/17/2010	0.002	n/a	ND	
GU-5	d	Vanadium	7440-62-2	mg/L	9/17/2010	0.05	n/a	ND	
GU-5	d	Vanadium	7440-62-2	mg/L	9/17/2010	0.05	n/a	ND	
GU-5	d	Zinc	7440-66-6	mg/L	9/17/2010	n/a	n/a		0.0234
GU-5	d	Zinc	7440-66-6	mg/L	9/17/2010	n/a	n/a		0.0216
GU-5	d	Acetone	67-64-1	ug/L	9/17/2010	10	n/a	ND	
GU-5	d	Acetone	67-64-1	ug/L	9/17/2010	10	n/a	ND	
GU-5	d	Acrylonitrile	107-13-1	ug/L	9/17/2010	10	n/a	ND	
GU-5	d	Acrylonitrile	107-13-1	ug/L	9/17/2010	10	n/a	ND	
GU-5	d	Benzene	71-43-2	ug/L	9/17/2010	0.5	n/a	ND	
GU-5	d	Benzene	71-43-2	ug/L	9/17/2010	0.5	n/a	ND	
GU-5	d	Bromochloromethane	74-97-5	ug/L	9/17/2010	5	n/a	ND	
GU-5	d	Bromochloromethane	74-97-5	ug/L	9/17/2010	5	n/a	ND	
GU-5	d	Bromodichloromethane	75-27-4	ug/L	9/17/2010	1	n/a	ND	
GU-5	d	Bromodichloromethane	75-27-4	ug/L	9/17/2010	1	n/a	ND	
GU-5	d	Bromoform	75-25-2	ug/L	9/17/2010	5	n/a	ND	
GU-5	d	Bromoform	75-25-2	ug/L	9/17/2010	5	n/a	ND	
GU-5	d	Carbon disulfide	75-15-0	ug/L	9/17/2010	10	n/a	ND	
GU-5	d	Carbon disulfide	75-15-0	ug/L	9/17/2010	10	n/a	ND	
GU-5	d	Carbon Tetrachloride	56-23-5	ug/L	9/17/2010	5	n/a	ND	
GU-5	d	Carbon Tetrachloride	56-23-5	ug/L	9/17/2010	5	n/a	ND	
GU-5	d	Chlorobenzene	108-90-7	ug/L	9/17/2010	1	n/a	ND	
GU-5	d	Chlorobenzene	108-90-7	ug/L	9/17/2010	1	n/a	ND	
GU-5	d	Chloroethane	75-00-3	ug/L	9/17/2010	4	n/a	ND	
GU-5	d	Chloroethane	75-00-3	ug/L	9/17/2010	4	n/a	ND	
GU-5	d	Chloroform	67-66-3	ug/L	9/17/2010	1	n/a	ND	
GU-5	d	Chloroform	67-66-3	ug/L	9/17/2010	1	n/a	ND	
GU-5	d	Chlorodibromomethane	124-48-1	ug/L	9/17/2010	5	n/a	ND	
GU-5	d	Chlorodibromomethane	124-48-1	ug/L	9/17/2010	5	n/a	ND	
GU-5	d	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	9/17/2010	0.498	n/a	ND	
GU-5	d	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	9/17/2010	0.498	n/a	ND	
GU-5	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	9/17/2010	0.255	n/a	ND	
GU-5	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	9/17/2010	0.255	n/a	ND	
GU-5	d	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	9/17/2010	10	n/a	ND	
GU-5	d	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	9/17/2010	10	n/a	ND	
GU-5	d	1,1-Dichloroethane	75-34-3	ug/L	9/17/2010	1	n/a	ND	
GU-5	d	1,1-Dichloroethane	75-34-3	ug/L	9/17/2010	1	n/a	ND	

Table 9A
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Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
GU-5	d	1,2-Dichloroethane	107-06-2	ug/L	9/17/2010	1	n/a	ND	
GU-5	d	1,2-Dichloroethane	107-06-2	ug/L	9/17/2010	1	n/a	ND	
GU-5	d	1,1-Dichloroethane	75-35-4	ug/L	9/17/2010	2	n/a	ND	
GU-5	d	1,1-Dichloroethane	75-35-4	ug/L	9/17/2010	2	n/a	ND	
GU-5	d	cis-1,2-Dichloroethene	156-59-2	ug/L	9/17/2010	1	n/a	ND	
GU-5	d	cis-1,2-Dichloroethene	156-59-2	ug/L	9/17/2010	1	n/a	ND	
GU-5	d	trans-1,2-Dichloroethene	156-60-5	ug/L	9/17/2010	1	n/a	ND	
GU-5	d	trans-1,2-Dichloroethene	156-60-5	ug/L	9/17/2010	1	n/a	ND	
GU-5	d	1,2-Dichloropropane	78-87-5	ug/L	9/17/2010	1	n/a	ND	
GU-5	d	1,2-Dichloropropane	78-87-5	ug/L	9/17/2010	1	n/a	ND	
GU-5	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	9/17/2010	10	n/a	ND	
GU-5	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	9/17/2010	10	n/a	ND	
GU-5	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	9/17/2010	10	n/a	ND	
GU-5	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	9/17/2010	10	n/a	ND	
GU-5	d	1,2-Dichlorobenzene	95-50-1	ug/L	9/17/2010	1	n/a	ND	
GU-5	d	1,2-Dichlorobenzene	95-50-1	ug/L	9/17/2010	1	n/a	ND	
GU-5	d	1,4-Dichlorobenzene	106-46-7	ug/L	9/17/2010	1	n/a	ND	
GU-5	d	1,4-Dichlorobenzene	106-46-7	ug/L	9/17/2010	1	n/a	ND	
GU-5	d	Ethylbenzene	100-41-4	ug/L	9/17/2010	1	n/a	ND	
GU-5	d	Ethylbenzene	100-41-4	ug/L	9/17/2010	1	n/a	ND	
GU-5	d	2-Hexanone	591-78-6	ug/L	9/17/2010	10	n/a	ND	
GU-5	d	2-Hexanone	591-78-6	ug/L	9/17/2010	10	n/a	ND	
GU-5	d	Bromomethane	74-83-9	ug/L	9/17/2010	4	n/a	ND	
GU-5	d	Bromomethane	74-83-9	ug/L	9/17/2010	4	n/a	ND	
GU-5	d	Chloromethane	74-87-3	ug/L	9/17/2010	3	n/a	ND	
GU-5	d	Chloromethane	74-87-3	ug/L	9/17/2010	3	n/a	ND	
GU-5	d	2-Butanone	78-93-3	ug/L	9/17/2010	10	n/a	ND	
GU-5	d	2-Butanone	78-93-3	ug/L	9/17/2010	10	n/a	ND	
GU-5	d	Iodomethane	74-88-4	ug/L	9/17/2010	20	n/a	ND	
GU-5	d	Iodomethane	74-88-4	ug/L	9/17/2010	20	n/a	ND	
GU-5	d	4-Methyl-2-pentanone	108-10-1	ug/L	9/17/2010	10	n/a	ND	
GU-5	d	4-Methyl-2-pentanone	108-10-1	ug/L	9/17/2010	10	n/a	ND	
GU-5	d	Methylene Bromide	74-95-3	ug/L	9/17/2010	1	n/a	ND	
GU-5	d	Methylene Bromide	74-95-3	ug/L	9/17/2010	1	n/a	ND	
GU-5	d	Methylene Chloride	75-09-2	ug/L	9/17/2010	5	n/a	ND	
GU-5	d	Methylene Chloride	75-09-2	ug/L	9/17/2010	5	n/a	ND	
GU-5	d	Styrene	100-42-5	ug/L	9/17/2010	1	n/a	ND	
GU-5	d	Styrene	100-42-5	ug/L	9/17/2010	1	n/a	ND	
GU-5	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	9/17/2010	5	n/a	ND	
GU-5	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	9/17/2010	5	n/a	ND	
GU-5	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	9/17/2010	1	n/a	ND	
GU-5	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	9/17/2010	1	n/a	ND	
GU-5	d	Tetrachloroethene	127-18-4	ug/L	9/17/2010	1	n/a	ND	
GU-5	d	Tetrachloroethene	127-18-4	ug/L	9/17/2010	1	n/a	ND	
GU-5	d	Toluene	108-88-3	ug/L	9/17/2010	1	n/a	ND	
GU-5	d	Toluene	108-88-3	ug/L	9/17/2010	1	n/a	ND	
GU-5	d	1,1,1-Trichloroethane	71-55-6	ug/L	9/17/2010	1	n/a	ND	
GU-5	d	1,1,1-Trichloroethane	71-55-6	ug/L	9/17/2010	1	n/a	ND	
GU-5	d	1,1,2-Trichloroethane	79-00-5	ug/L	9/17/2010	1	n/a	ND	
GU-5	d	1,1,2-Trichloroethane	79-00-5	ug/L	9/17/2010	1	n/a	ND	
GU-5	d	Trichloroethene	79-01-6	ug/L	9/17/2010	1	n/a	ND	
GU-5	d	Trichloroethene	79-01-6	ug/L	9/17/2010	1	n/a	ND	
GU-5	d	Trichlorofluoromethane	75-69-4	ug/L	9/17/2010	4	n/a	ND	
GU-5	d	Trichlorofluoromethane	75-69-4	ug/L	9/17/2010	4	n/a	ND	
GU-5	d	1,2,3-Trichloropropane	96-18-4	ug/L	9/17/2010	1	n/a	ND	
GU-5	d	1,2,3-Trichloropropane	96-18-4	ug/L	9/17/2010	1	n/a	ND	
GU-5	d	Vinyl acetate	108-05-4	ug/L	9/17/2010	2	n/a	ND	
GU-5	d	Vinyl acetate	108-05-4	ug/L	9/17/2010	2	n/a	ND	
GU-5	d	Vinyl chloride	75-01-4	ug/L	9/17/2010	1	n/a	ND	
GU-5	d	Vinyl chloride	75-01-4	ug/L	9/17/2010	1	n/a	ND	
GU-5	d	Xylenes, total	1330-20-7	ug/L	9/17/2010	3	n/a	ND	
GU-5	d	Xylenes, total	1330-20-7	ug/L	9/17/2010	3	n/a	ND	
GU-5BG	u	Antimony	7440-36-0	mg/L	9/17/2010	n/a	n/a		0.00814
GU-5BG	u	Antimony	7440-36-0	mg/L	9/17/2010	0.006	n/a	ND	
GU-5BG	u	Arsenic	7440-38-2	mg/L	9/17/2010	0.001	n/a	ND	
GU-5BG	u	Arsenic	7440-38-2	mg/L	9/17/2010	0.001	n/a	ND	
GU-5BG	u	Barium	7440-39-3	mg/L	9/17/2010	n/a	n/a		0.261
GU-5BG	u	Barium	7440-39-3	mg/L	9/17/2010	n/a	n/a		0.267
GU-5BG	u	Beryllium	7440-41-7	mg/L	9/17/2010	0.001	n/a	ND	
GU-5BG	u	Beryllium	7440-41-7	mg/L	9/17/2010	0.001	n/a	ND	
GU-5BG	u	Cadmium	7440-43-9	mg/L	9/17/2010	0.0005	n/a	ND	
GU-5BG	u	Cadmium	7440-43-9	mg/L	9/17/2010	0.0005	n/a	ND	
GU-5BG	u	Chromium	7440-47-3	mg/L	9/17/2010	0.02	n/a	ND	
GU-5BG	u	Chromium	7440-47-3	mg/L	9/17/2010	0.02	n/a	ND	
GU-5BG	u	Cobalt	7440-48-4	mg/L	9/17/2010	n/a	n/a		0.00329

Table 9A
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Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
GU-5BG	u	Cobalt	7440-48-4	mg/L	9/17/2010	n/a	n/a		0.00358
GU-5BG	u	Copper	7440-50-8	mg/L	9/17/2010	0.02	n/a	ND	
GU-5BG	u	Copper	7440-50-8	mg/L	9/17/2010	0.02	n/a	ND	
GU-5BG	u	Lead	7439-92-1	mg/L	9/17/2010	0.004	n/a	ND	
GU-5BG	u	Lead	7439-92-1	mg/L	9/17/2010	0.004	n/a	ND	
GU-5BG	u	Nickel	7440-02-0	mg/L	9/17/2010	0.05	n/a	ND	
GU-5BG	u	Nickel	7440-02-0	mg/L	9/17/2010	0.05	n/a	ND	
GU-5BG	u	Selenium	7782-49-2	mg/L	9/17/2010	0.005	n/a	ND	
GU-5BG	u	Selenium	7782-49-2	mg/L	9/17/2010	0.005	n/a	ND	
GU-5BG	u	Silver	7440-22-4	mg/L	9/17/2010	0.02	n/a	ND	
GU-5BG	u	Silver	7440-22-4	mg/L	9/17/2010	0.02	n/a	ND	
GU-5BG	u	Thallium	7440-28-0	mg/L	9/17/2010	0.002	n/a	ND	
GU-5BG	u	Thallium	7440-28-0	mg/L	9/17/2010	0.002	n/a	ND	
GU-5BG	u	Vanadium	7440-62-2	mg/L	9/17/2010	0.05	n/a	ND	
GU-5BG	u	Vanadium	7440-62-2	mg/L	9/17/2010	0.05	n/a	ND	
GU-5BG	u	Zinc	7440-66-6	mg/L	9/17/2010	n/a	n/a		0.0234
GU-5BG	u	Zinc	7440-66-6	mg/L	9/17/2010	n/a	n/a		0.0216
GU-5BG	u	Acetone	67-64-1	ug/L	9/17/2010	10	n/a	ND	
GU-5BG	u	Acetone	67-64-1	ug/L	9/17/2010	10	n/a	ND	
GU-5BG	u	Acrylonitrile	107-13-1	ug/L	9/17/2010	10	n/a	ND	
GU-5BG	u	Acrylonitrile	107-13-1	ug/L	9/17/2010	10	n/a	ND	
GU-5BG	u	Benzene	71-43-2	ug/L	9/17/2010	0.5	n/a	ND	
GU-5BG	u	Benzene	71-43-2	ug/L	9/17/2010	0.5	n/a	ND	
GU-5BG	u	Bromochloromethane	74-97-5	ug/L	9/17/2010	5	n/a	ND	
GU-5BG	u	Bromochloromethane	74-97-5	ug/L	9/17/2010	5	n/a	ND	
GU-5BG	u	Bromodichloromethane	75-27-4	ug/L	9/17/2010	1	n/a	ND	
GU-5BG	u	Bromodichloromethane	75-27-4	ug/L	9/17/2010	1	n/a	ND	
GU-5BG	u	Bromoform	75-25-2	ug/L	9/17/2010	5	n/a	ND	
GU-5BG	u	Bromoform	75-25-2	ug/L	9/17/2010	5	n/a	ND	
GU-5BG	u	Carbon disulfide	75-15-0	ug/L	9/17/2010	10	n/a	ND	
GU-5BG	u	Carbon disulfide	75-15-0	ug/L	9/17/2010	10	n/a	ND	
GU-5BG	u	Carbon Tetrachloride	56-23-5	ug/L	9/17/2010	5	n/a	ND	
GU-5BG	u	Carbon Tetrachloride	56-23-5	ug/L	9/17/2010	5	n/a	ND	
GU-5BG	u	Chlorobenzene	108-90-7	ug/L	9/17/2010	1	n/a	ND	
GU-5BG	u	Chlorobenzene	108-90-7	ug/L	9/17/2010	1	n/a	ND	
GU-5BG	u	Chloroethane	75-00-3	ug/L	9/17/2010	4	n/a	ND	
GU-5BG	u	Chloroethane	75-00-3	ug/L	9/17/2010	4	n/a	ND	
GU-5BG	u	Chloroform	67-66-3	ug/L	9/17/2010	1	n/a	ND	
GU-5BG	u	Chloroform	67-66-3	ug/L	9/17/2010	1	n/a	ND	
GU-5BG	u	Chlorodibromomethane	124-48-1	ug/L	9/17/2010	5	n/a	ND	
GU-5BG	u	Chlorodibromomethane	124-48-1	ug/L	9/17/2010	5	n/a	ND	
GU-5BG	u	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	9/17/2010	0.498	n/a	ND	
GU-5BG	u	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	9/17/2010	0.498	n/a	ND	
GU-5BG	u	1,2-Dibromoethane [EDB]	106-93-4	ug/L	9/17/2010	0.255	n/a	ND	
GU-5BG	u	1,2-Dibromoethane [EDB]	106-93-4	ug/L	9/17/2010	0.255	n/a	ND	
GU-5BG	u	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	9/17/2010	10	n/a	ND	
GU-5BG	u	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	9/17/2010	10	n/a	ND	
GU-5BG	u	1,1-Dichloroethane	75-34-3	ug/L	9/17/2010	1	n/a	ND	
GU-5BG	u	1,1-Dichloroethane	75-34-3	ug/L	9/17/2010	1	n/a	ND	
GU-5BG	u	1,2-Dichloroethane	107-06-2	ug/L	9/17/2010	1	n/a	ND	
GU-5BG	u	1,2-Dichloroethane	107-06-2	ug/L	9/17/2010	1	n/a	ND	
GU-5BG	u	1,1-Dichloroethene	75-35-4	ug/L	9/17/2010	2	n/a	ND	
GU-5BG	u	1,1-Dichloroethene	75-35-4	ug/L	9/17/2010	2	n/a	ND	
GU-5BG	u	cis-1,2-Dichloroethene	156-59-2	ug/L	9/17/2010	1	n/a	ND	
GU-5BG	u	cis-1,2-Dichloroethene	156-59-2	ug/L	9/17/2010	1	n/a	ND	
GU-5BG	u	trans-1,2-Dichloroethene	156-60-5	ug/L	9/17/2010	1	n/a	ND	
GU-5BG	u	trans-1,2-Dichloroethene	156-60-5	ug/L	9/17/2010	1	n/a	ND	
GU-5BG	u	1,2-Dichloropropane	78-87-5	ug/L	9/17/2010	1	n/a	ND	
GU-5BG	u	1,2-Dichloropropane	78-87-5	ug/L	9/17/2010	1	n/a	ND	
GU-5BG	u	cis-1,3-Dichloropropene	10061-01-5	ug/L	9/17/2010	10	n/a	ND	
GU-5BG	u	cis-1,3-Dichloropropene	10061-01-5	ug/L	9/17/2010	10	n/a	ND	
GU-5BG	u	trans-1,3-Dichloropropene	10061-02-6	ug/L	9/17/2010	10	n/a	ND	
GU-5BG	u	trans-1,3-Dichloropropene	10061-02-6	ug/L	9/17/2010	10	n/a	ND	
GU-5BG	u	1,2-Dichlorobenzene	95-50-1	ug/L	9/17/2010	1	n/a	ND	
GU-5BG	u	1,2-Dichlorobenzene	95-50-1	ug/L	9/17/2010	1	n/a	ND	
GU-5BG	u	1,4-Dichlorobenzene	106-46-7	ug/L	9/17/2010	1	n/a	ND	
GU-5BG	u	1,4-Dichlorobenzene	106-46-7	ug/L	9/17/2010	1	n/a	ND	
GU-5BG	u	Ethylbenzene	100-41-4	ug/L	9/17/2010	1	n/a	ND	
GU-5BG	u	Ethylbenzene	100-41-4	ug/L	9/17/2010	1	n/a	ND	
GU-5BG	u	2-Hexanone	591-78-6	ug/L	9/17/2010	10	n/a	ND	
GU-5BG	u	2-Hexanone	591-78-6	ug/L	9/17/2010	10	n/a	ND	
GU-5BG	u	Bromomethane	74-83-9	ug/L	9/17/2010	4	n/a	ND	
GU-5BG	u	Bromomethane	74-83-9	ug/L	9/17/2010	4	n/a	ND	
GU-5BG	u	Chloromethane	74-87-3	ug/L	9/17/2010	3	n/a	ND	
GU-5BG	u	Chloromethane	74-87-3	ug/L	9/17/2010	3	n/a	ND	

Table 9A
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Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
GU-5BG	u	2-Butanone	78-93-3	ug/L	9/17/2010	10	n/a	ND	
GU-5BG	u	2-Butanone	78-93-3	ug/L	9/17/2010	10	n/a	ND	
GU-5BG	u	Iodomethane	74-88-4	ug/L	9/17/2010	20	n/a	ND	
GU-5BG	u	Iodomethane	74-88-4	ug/L	9/17/2010	20	n/a	ND	
GU-5BG	u	4-Methyl-2-pentanone	108-10-1	ug/L	9/17/2010	10	n/a	ND	
GU-5BG	u	4-Methyl-2-pentanone	108-10-1	ug/L	9/17/2010	10	n/a	ND	
GU-5BG	u	Methylene Bromide	74-95-3	ug/L	9/17/2010	1	n/a	ND	
GU-5BG	u	Methylene Bromide	74-95-3	ug/L	9/17/2010	1	n/a	ND	
GU-5BG	u	Methylene Chloride	75-09-2	ug/L	9/17/2010	5	n/a	ND	
GU-5BG	u	Methylene Chloride	75-09-2	ug/L	9/17/2010	5	n/a	ND	
GU-5BG	u	Styrene	100-42-5	ug/L	9/17/2010	1	n/a	ND	
GU-5BG	u	Styrene	100-42-5	ug/L	9/17/2010	1	n/a	ND	
GU-5BG	u	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	9/17/2010	5	n/a	ND	
GU-5BG	u	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	9/17/2010	5	n/a	ND	
GU-5BG	u	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	9/17/2010	1	n/a	ND	
GU-5BG	u	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	9/17/2010	1	n/a	ND	
GU-5BG	u	Tetrachloroethene	127-18-4	ug/L	9/17/2010	1	n/a	ND	
GU-5BG	u	Tetrachloroethene	127-18-4	ug/L	9/17/2010	1	n/a	ND	
GU-5BG	u	Toluene	108-88-3	ug/L	9/17/2010	1	n/a	ND	
GU-5BG	u	Toluene	108-88-3	ug/L	9/17/2010	1	n/a	ND	
GU-5BG	u	1,1,1-Trichloroethane	71-55-6	ug/L	9/17/2010	1	n/a	ND	
GU-5BG	u	1,1,1-Trichloroethane	71-55-6	ug/L	9/17/2010	1	n/a	ND	
GU-5BG	u	1,1,2-Trichloroethane	79-00-5	ug/L	9/17/2010	1	n/a	ND	
GU-5BG	u	1,1,2-Trichloroethane	79-00-5	ug/L	9/17/2010	1	n/a	ND	
GU-5BG	u	Trichloroethene	79-01-6	ug/L	9/17/2010	1	n/a	ND	
GU-5BG	u	Trichloroethene	79-01-6	ug/L	9/17/2010	1	n/a	ND	
GU-5BG	u	Trichlorofluoromethane	75-69-4	ug/L	9/17/2010	4	n/a	ND	
GU-5BG	u	Trichlorofluoromethane	75-69-4	ug/L	9/17/2010	4	n/a	ND	
GU-5BG	u	1,2,3-Trichloropropane	96-18-4	ug/L	9/17/2010	1	n/a	ND	
GU-5BG	u	1,2,3-Trichloropropane	96-18-4	ug/L	9/17/2010	1	n/a	ND	
GU-5BG	u	Vinyl acetate	108-05-4	ug/L	9/17/2010	2	n/a	ND	
GU-5BG	u	Vinyl acetate	108-05-4	ug/L	9/17/2010	2	n/a	ND	
GU-5BG	u	Vinyl chloride	75-01-4	ug/L	9/17/2010	1	n/a	ND	
GU-5BG	u	Vinyl chloride	75-01-4	ug/L	9/17/2010	1	n/a	ND	
GU-5BG	u	Xylenes, total	1330-20-7	ug/L	9/17/2010	3	n/a	ND	
GU-5BG	u	Xylenes, total	1330-20-7	ug/L	9/17/2010	3	n/a	ND	
MW-26	u	Antimony	7440-36-0	mg/L	9/17/2010	0.006	n/a	ND	
MW-26	u	Arsenic	7440-38-2	mg/L	9/17/2010	0.002	n/a	ND	
MW-26	u	Barium	7440-39-3	mg/L	9/17/2010	n/a	n/a		0.0795
MW-26	u	Beryllium	7440-41-7	mg/L	9/17/2010	0.001	n/a	ND	
MW-26	u	Cadmium	7440-43-9	mg/L	9/17/2010	0.0005	n/a	ND	
MW-26	u	Chromium	7440-47-3	mg/L	9/17/2010	0.02	n/a	ND	
MW-26	u	Cobalt	7440-48-4	mg/L	9/17/2010	0.00155	n/a	ND	
MW-26	u	Copper	7440-50-8	mg/L	9/17/2010	0.02	n/a	ND	
MW-26	u	Lead	7439-92-1	mg/L	9/17/2010	0.004	n/a	ND	
MW-26	u	Nickel	7440-02-0	mg/L	9/17/2010	0.05	n/a	ND	
MW-26	u	Selenium	7782-49-2	mg/L	9/17/2010	0.005	n/a	ND	
MW-26	u	Silver	7440-22-4	mg/L	9/17/2010	0.02	n/a	ND	
MW-26	u	Thallium	7440-28-0	mg/L	9/17/2010	0.002	n/a	ND	
MW-26	u	Vanadium	7440-62-2	mg/L	9/17/2010	0.05	n/a	ND	
MW-26	u	Zinc	7440-66-6	mg/L	9/17/2010	n/a	n/a		0.0414
MW-26	u	Acetone	67-64-1	ug/L	9/17/2010	10	n/a	ND	
MW-26	u	Acrylonitrile	107-13-1	ug/L	9/17/2010	10	n/a	ND	
MW-26	u	Benzene	71-43-2	ug/L	9/17/2010	0.5	n/a	ND	
MW-26	u	Bromochloromethane	74-97-5	ug/L	9/17/2010	5	n/a	ND	
MW-26	u	Bromodichloromethane	75-27-4	ug/L	9/17/2010	1	n/a	ND	
MW-26	u	Bromoform	75-25-2	ug/L	9/17/2010	5	n/a	ND	
MW-26	u	Carbon disulfide	75-15-0	ug/L	9/17/2010	10	n/a	ND	
MW-26	u	Carbon Tetrachloride	56-23-5	ug/L	9/17/2010	5	n/a	ND	
MW-26	u	Chlorobenzene	108-90-7	ug/L	9/17/2010	1	n/a	ND	
MW-26	u	Chloroethane	75-00-3	ug/L	9/17/2010	4	n/a	ND	
MW-26	u	Chloroform	67-66-3	ug/L	9/17/2010	1	n/a	ND	
MW-26	u	Chlorodibromomethane	124-48-1	ug/L	9/17/2010	5	n/a	ND	
MW-26	u	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	9/17/2010	0.498	n/a	ND	
MW-26	u	1,2-Dibromoethane [EDB]	106-93-4	ug/L	9/17/2010	0.255	n/a	ND	
MW-26	u	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	9/17/2010	10	n/a	ND	
MW-26	u	1,1-Dichloroethane	75-34-3	ug/L	9/17/2010	1	n/a	ND	
MW-26	u	1,2-Dichloroethane	107-06-2	ug/L	9/17/2010	1	n/a	ND	
MW-26	u	1,1-Dichloroethene	75-35-4	ug/L	9/17/2010	2	n/a	ND	
MW-26	u	cis-1,2-Dichloroethene	156-59-2	ug/L	9/17/2010	1	n/a	ND	
MW-26	u	trans-1,2-Dichloroethene	156-60-5	ug/L	9/17/2010	1	n/a	ND	
MW-26	u	1,2-Dichloropropane	78-87-5	ug/L	9/17/2010	1	n/a	ND	
MW-26	u	cis-1,3-Dichloropropene	10061-01-5	ug/L	9/17/2010	10	n/a	ND	
MW-26	u	trans-1,3-Dichloropropene	10061-02-6	ug/L	9/17/2010	10	n/a	ND	
MW-26	u	1,2-Dichlorobenzene	95-50-1	ug/L	9/17/2010	1	n/a	ND	

Table 9A
Analytical Data Summary - Phase II MSWLF
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Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-26	u	1,4-Dichlorobenzene	106-46-7	ug/L	9/17/2010	1	n/a	ND	
MW-26	u	Ethylbenzene	100-41-4	ug/L	9/17/2010	1	n/a	ND	
MW-26	u	2-Hexanone	591-78-6	ug/L	9/17/2010	10	n/a	ND	
MW-26	u	Bromomethane	74-83-9	ug/L	9/17/2010	4	n/a	ND	
MW-26	u	Chloromethane	74-87-3	ug/L	9/17/2010	3	n/a	ND	
MW-26	u	2-Butanone	78-93-3	ug/L	9/17/2010	10	n/a	ND	
MW-26	u	Iodomethane	74-88-4	ug/L	9/17/2010	20	n/a	ND	
MW-26	u	4-Methyl-2-pentanone	108-10-1	ug/L	9/17/2010	10	n/a	ND	
MW-26	u	Methylene Bromide	74-95-3	ug/L	9/17/2010	1	n/a	ND	
MW-26	u	Methylene Chloride	75-09-2	ug/L	9/17/2010	5	n/a	ND	
MW-26	u	Styrene	100-42-5	ug/L	9/17/2010	1	n/a	ND	
MW-26	u	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	9/17/2010	5	n/a	ND	
MW-26	u	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	9/17/2010	1	n/a	ND	
MW-26	u	Tetrachloroethene	127-18-4	ug/L	9/17/2010	1	n/a	ND	
MW-26	u	Toluene	108-88-3	ug/L	9/17/2010	1	n/a	ND	
MW-26	u	1,1,1-Trichloroethane	71-55-6	ug/L	9/17/2010	1	n/a	ND	
MW-26	u	1,1,2-Trichloroethane	79-00-5	ug/L	9/17/2010	1	n/a	ND	
MW-26	u	Trichloroethene	79-01-6	ug/L	9/17/2010	1	n/a	ND	
MW-26	u	Trichlorofluoromethane	75-69-4	ug/L	9/17/2010	4	n/a	ND	
MW-26	u	1,2,3-Trichloropropane	96-18-4	ug/L	9/17/2010	1	n/a	ND	
MW-26	u	Vinyl acetate	108-05-4	ug/L	9/17/2010	2	n/a	ND	
MW-26	u	Vinyl chloride	75-01-4	ug/L	9/17/2010	1	n/a	ND	
MW-26	u	Xylenes, total	1330-20-7	ug/L	9/17/2010	3	n/a	ND	
MW-B	d	Antimony	7440-36-0	mg/L	9/17/2010	0.006	n/a	ND	
MW-B	d	Arsenic	7440-38-2	mg/L	9/17/2010	0.001	n/a	ND	
MW-B	d	Barium	7440-39-3	mg/L	9/17/2010	n/a	n/a		0.118
MW-B	d	Beryllium	7440-41-7	mg/L	9/17/2010	0.001	n/a	ND	
MW-B	d	Cadmium	7440-43-9	mg/L	9/17/2010	0.0005	n/a	ND	
MW-B	d	Chromium	7440-47-3	mg/L	9/17/2010	0.02	n/a	ND	
MW-B	d	Cobalt	7440-48-4	mg/L	9/17/2010	n/a	n/a		0.00832
MW-B	d	Copper	7440-50-8	mg/L	9/17/2010	0.02	n/a	ND	
MW-B	d	Lead	7439-92-1	mg/L	9/17/2010	0.004	n/a	ND	
MW-B	d	Nickel	7440-02-0	mg/L	9/17/2010	0.05	n/a	ND	
MW-B	d	Selenium	7782-49-2	mg/L	9/17/2010	0.005	n/a	ND	
MW-B	d	Silver	7440-22-4	mg/L	9/17/2010	0.02	n/a	ND	
MW-B	d	Thallium	7440-28-0	mg/L	9/17/2010	0.002	n/a	ND	
MW-B	d	Vanadium	7440-62-2	mg/L	9/17/2010	0.05	n/a	ND	
MW-B	d	Zinc	7440-66-6	mg/L	9/17/2010	n/a	n/a		0.0485
MW-B	d	Acetone	67-64-1	ug/L	9/17/2010	10	n/a	ND	
MW-B	d	Acrylonitrile	107-13-1	ug/L	9/17/2010	10	n/a	ND	
MW-B	d	Benzene	71-43-2	ug/L	9/17/2010	0.5	n/a	ND	
MW-B	d	Bromochloromethane	74-97-5	ug/L	9/17/2010	5	n/a	ND	
MW-B	d	Bromodichloromethane	75-27-4	ug/L	9/17/2010	1	n/a	ND	
MW-B	d	Bromoform	75-25-2	ug/L	9/17/2010	5	n/a	ND	
MW-B	d	Carbon disulfide	75-15-0	ug/L	9/17/2010	10	n/a	ND	
MW-B	d	Carbon Tetrachloride	56-23-5	ug/L	9/17/2010	5	n/a	ND	
MW-B	d	Chlorobenzene	108-90-7	ug/L	9/17/2010	1	n/a	ND	
MW-B	d	Chloroethane	75-00-3	ug/L	9/17/2010	4	n/a	ND	
MW-B	d	Chloroform	67-66-3	ug/L	9/17/2010	1	n/a	ND	
MW-B	d	Chlorodibromomethane	124-48-1	ug/L	9/17/2010	5	n/a	ND	
MW-B	d	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	9/17/2010	0.498	n/a	ND	
MW-B	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	9/17/2010	0.255	n/a	ND	
MW-B	d	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	9/17/2010	10	n/a	ND	
MW-B	d	1,1-Dichloroethane	75-34-3	ug/L	9/17/2010	1	n/a	ND	
MW-B	d	1,2-Dichloroethane	107-06-2	ug/L	9/17/2010	1	n/a	ND	
MW-B	d	1,1-Dichloroethene	75-35-4	ug/L	9/17/2010	2	n/a	ND	
MW-B	d	cis-1,2-Dichloroethene	156-59-2	ug/L	9/17/2010	1	n/a	ND	
MW-B	d	trans-1,2-Dichloroethene	156-60-5	ug/L	9/17/2010	1	n/a	ND	
MW-B	d	1,2-Dichloropropane	78-87-5	ug/L	9/17/2010	1	n/a	ND	
MW-B	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	9/17/2010	10	n/a	ND	
MW-B	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	9/17/2010	10	n/a	ND	
MW-B	d	1,2-Dichlorobenzene	95-50-1	ug/L	9/17/2010	1	n/a	ND	
MW-B	d	1,4-Dichlorobenzene	106-46-7	ug/L	9/17/2010	1	n/a	ND	
MW-B	d	Ethylbenzene	100-41-4	ug/L	9/17/2010	1	n/a	ND	
MW-B	d	2-Hexanone	591-78-6	ug/L	9/17/2010	10	n/a	ND	
MW-B	d	Bromomethane	74-83-9	ug/L	9/17/2010	4	n/a	ND	
MW-B	d	Chloromethane	74-87-3	ug/L	9/17/2010	3	n/a	ND	
MW-B	d	2-Butanone	78-93-3	ug/L	9/17/2010	10	n/a	ND	
MW-B	d	Iodomethane	74-88-4	ug/L	9/17/2010	20	n/a	ND	
MW-B	d	4-Methyl-2-pentanone	108-10-1	ug/L	9/17/2010	10	n/a	ND	
MW-B	d	Methylene Bromide	74-95-3	ug/L	9/17/2010	1	n/a	ND	
MW-B	d	Methylene Chloride	75-09-2	ug/L	9/17/2010	5	n/a	ND	
MW-B	d	Styrene	100-42-5	ug/L	9/17/2010	1	n/a	ND	
MW-B	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	9/17/2010	5	n/a	ND	
MW-B	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	9/17/2010	1	n/a	ND	

Table 9A
Analytical Data Summary - Phase II MSWLF
2024 Annual Water Quality Report
Phase II MSWLF and CWTS
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-B	d	Tetrachloroethene	127-18-4	ug/L	9/17/2010	1	n/a	ND	
MW-B	d	Toluene	108-88-3	ug/L	9/17/2010	1	n/a	ND	
MW-B	d	1,1,1-Trichloroethane	71-55-6	ug/L	9/17/2010	1	n/a	ND	
MW-B	d	1,1,2-Trichloroethane	79-00-5	ug/L	9/17/2010	1	n/a	ND	
MW-B	d	Trichloroethene	79-01-6	ug/L	9/17/2010	1	n/a	ND	
MW-B	d	Trichlorofluoromethane	75-69-4	ug/L	9/17/2010	4	n/a	ND	
MW-B	d	1,2,3-Trichloropropane	96-18-4	ug/L	9/17/2010	1	n/a	ND	
MW-B	d	Vinyl acetate	108-05-4	ug/L	9/17/2010	2	n/a	ND	
MW-B	d	Vinyl chloride	75-01-4	ug/L	9/17/2010	1	n/a	ND	
MW-B	d	Xylenes, total	1330-20-7	ug/L	9/17/2010	3	n/a	ND	
MW-C	d	Antimony	7440-36-0	mg/L	11/8/2010	0.006	n/a	ND	
MW-C	d	Arsenic	7440-38-2	mg/L	11/8/2010	0.001	n/a	ND	
MW-C	d	Barium	7440-39-3	mg/L	11/8/2010	n/a	n/a		0.54
MW-C	d	Beryllium	7440-41-7	mg/L	11/8/2010	0.001	n/a	ND	
MW-C	d	Cadmium	7440-43-9	mg/L	11/8/2010	0.0005	n/a	ND	
MW-C	d	Chromium	7440-47-3	mg/L	11/8/2010	0.02	n/a	ND	
MW-C	d	Cobalt	7440-48-4	mg/L	11/8/2010	0.00155	n/a	ND	
MW-C	d	Copper	7440-50-8	mg/L	11/8/2010	0.02	n/a	ND	
MW-C	d	Lead	7439-92-1	mg/L	11/8/2010	0.004	n/a	ND	
MW-C	d	Nickel	7440-02-0	mg/L	11/8/2010	0.05	n/a	ND	
MW-C	d	Selenium	7782-49-2	mg/L	11/8/2010	0.005	n/a	ND	
MW-C	d	Silver	7440-22-4	mg/L	11/8/2010	0.02	n/a	ND	
MW-C	d	Thallium	7440-28-0	mg/L	11/8/2010	n/a	n/a		0.00359
MW-C	d	Vanadium	7440-62-2	mg/L	11/8/2010	0.05	n/a	ND	
MW-C	d	Zinc	7440-66-6	mg/L	11/8/2010	n/a	n/a		0.0215
MW-C	d	Acetone	67-64-1	ug/L	11/8/2010	10	n/a	ND	
MW-C	d	Acrylonitrile	107-13-1	ug/L	11/8/2010	10	n/a	ND	
MW-C	d	Benzene	71-43-2	ug/L	11/8/2010	0.5	n/a	ND	
MW-C	d	Bromochloromethane	74-97-5	ug/L	11/8/2010	5	n/a	ND	
MW-C	d	Bromodichloromethane	75-27-4	ug/L	11/8/2010	1	n/a	ND	
MW-C	d	Bromoform	75-25-2	ug/L	11/8/2010	5	n/a	ND	
MW-C	d	Carbon disulfide	75-15-0	ug/L	11/8/2010	1	n/a	ND	
MW-C	d	Carbon Tetrachloride	56-23-5	ug/L	11/8/2010	2	n/a	ND	
MW-C	d	Chlorobenzene	108-90-7	ug/L	11/8/2010	1	n/a	ND	
MW-C	d	Chloroethane	75-00-3	ug/L	11/8/2010	4	n/a	ND	
MW-C	d	Chloroform	67-66-3	ug/L	11/8/2010	1	n/a	ND	
MW-C	d	Chlorodibromomethane	124-48-1	ug/L	11/8/2010	5	n/a	ND	
MW-C	d	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	11/8/2010	0.12	n/a	ND	
MW-C	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	11/8/2010	0.13	n/a	ND	
MW-C	d	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	11/8/2010	10	n/a	ND	
MW-C	d	1,1-Dichloroethane	75-34-3	ug/L	11/8/2010	1	n/a	ND	
MW-C	d	1,2-Dichloroethane	107-06-2	ug/L	11/8/2010	1	n/a	ND	
MW-C	d	1,1-Dichloroethene	75-35-4	ug/L	11/8/2010	2	n/a	ND	
MW-C	d	cis-1,2-Dichloroethene	156-59-2	ug/L	11/8/2010	1	n/a	ND	
MW-C	d	trans-1,2-Dichloroethene	156-60-5	ug/L	11/8/2010	1	n/a	ND	
MW-C	d	1,2-Dichloropropane	78-87-5	ug/L	11/8/2010	1	n/a	ND	
MW-C	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	11/8/2010	5	n/a	ND	
MW-C	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	11/8/2010	5	n/a	ND	
MW-C	d	1,2-Dichlorobenzene	95-50-1	ug/L	11/8/2010	1	n/a	ND	
MW-C	d	1,4-Dichlorobenzene	106-46-7	ug/L	11/8/2010	1	n/a	ND	
MW-C	d	Ethylbenzene	100-41-4	ug/L	11/8/2010	1	n/a	ND	
MW-C	d	2-Hexanone	591-78-6	ug/L	11/8/2010	10	n/a	ND	
MW-C	d	Bromomethane	74-83-9	ug/L	11/8/2010	4	n/a	ND	
MW-C	d	Chloromethane	74-87-3	ug/L	11/8/2010	3	n/a	ND	
MW-C	d	2-Butanone	78-93-3	ug/L	11/8/2010	10	n/a	ND	
MW-C	d	Iodomethane	74-88-4	ug/L	11/8/2010	20	n/a	ND	
MW-C	d	4-Methyl-2-pentanone	108-10-1	ug/L	11/8/2010	10	n/a	ND	
MW-C	d	Methylene Bromide	74-95-3	ug/L	11/8/2010	1	n/a	ND	
MW-C	d	Methylene Chloride	75-09-2	ug/L	11/8/2010	5	n/a	ND	
MW-C	d	Styrene	100-42-5	ug/L	11/8/2010	1	n/a	ND	
MW-C	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	11/8/2010	1	n/a	ND	
MW-C	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	11/8/2010	1	n/a	ND	
MW-C	d	Tetrachloroethene	127-18-4	ug/L	11/8/2010	1	n/a	ND	
MW-C	d	Toluene	108-88-3	ug/L	11/8/2010	1	n/a	ND	
MW-C	d	1,1,1-Trichloroethane	71-55-6	ug/L	11/8/2010	1	n/a	ND	
MW-C	d	1,1,2-Trichloroethane	79-00-5	ug/L	11/8/2010	1	n/a	ND	
MW-C	d	Trichloroethene	79-01-6	ug/L	11/8/2010	1	n/a	ND	
MW-C	d	Trichlorofluoromethane	75-69-4	ug/L	11/8/2010	4	n/a	ND	
MW-C	d	1,2,3-Trichloropropane	96-18-4	ug/L	11/8/2010	1	n/a	ND	
MW-C	d	Vinyl acetate	108-05-4	ug/L	11/8/2010	2	n/a	ND	
MW-C	d	Vinyl chloride	75-01-4	ug/L	11/8/2010	1	n/a	ND	
MW-C	d	Xylenes, total	1330-20-7	ug/L	11/8/2010	3	n/a	ND	
GU-3	d	Barium	7440-39-3	mg/L	12/2/2010	n/a	n/a		0.173
GU-3BG	u	Barium	7440-39-3	mg/L	12/2/2010	n/a	n/a		0.173
MW-B	d	Barium	7440-39-3	mg/L	12/2/2010	n/a	n/a		0.259

Table 9A
Analytical Data Summary - Phase II MSWLF
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Phase II MSWLF and CWTS
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
GU-5	d	Antimony	7440-36-0	mg/L	1/12/2011	0.006	n/a	ND	
GU-5	d	Arsenic	7440-38-2	mg/L	1/12/2011	n/a	n/a		0.0468
GU-5	d	Barium	7440-39-3	mg/L	1/12/2011	n/a	n/a		0.548
GU-5	d	Beryllium	7440-41-7	mg/L	1/12/2011	0.001	n/a	ND	
GU-5	d	Cadmium	7440-43-9	mg/L	1/12/2011	0.0005	n/a	ND	
GU-5	d	Chromium	7440-47-3	mg/L	1/12/2011	0.02	n/a	ND	
GU-5	d	Cobalt	7440-48-4	mg/L	1/12/2011	n/a	n/a		0.0127
GU-5	d	Copper	7440-50-8	mg/L	1/12/2011	0.02	n/a	ND	
GU-5	d	Lead	7439-92-1	mg/L	1/12/2011	0.004	n/a	ND	
GU-5	d	Nickel	7440-02-0	mg/L	1/12/2011	0.05	n/a	ND	
GU-5	d	Selenium	7782-49-2	mg/L	1/12/2011	0.005	n/a	ND	
GU-5	d	Silver	7440-22-4	mg/L	1/12/2011	0.02	n/a	ND	
GU-5	d	Thallium	7440-28-0	mg/L	1/12/2011	0.002	n/a	ND	
GU-5	d	Vanadium	7440-62-2	mg/L	1/12/2011	0.05	n/a	ND	
GU-5	d	Zinc	7440-66-6	mg/L	1/12/2011	0.02	n/a	ND	
GU-5	d	Acetone	67-64-1	ug/L	1/12/2011	10	n/a	ND	
GU-5	d	Acrylonitrile	107-13-1	ug/L	1/12/2011	10	n/a	ND	
GU-5	d	Benzene	71-43-2	ug/L	1/12/2011	0.5	n/a	ND	
GU-5	d	Bromochloromethane	74-97-5	ug/L	1/12/2011	5	n/a	ND	
GU-5	d	Bromodichloromethane	75-27-4	ug/L	1/12/2011	1	n/a	ND	
GU-5	d	Bromoform	75-25-2	ug/L	1/12/2011	5	n/a	ND	
GU-5	d	Carbon disulfide	75-15-0	ug/L	1/12/2011	1	n/a	ND	
GU-5	d	Carbon Tetrachloride	56-23-5	ug/L	1/12/2011	2	n/a	ND	
GU-5	d	Chlorobenzene	108-90-7	ug/L	1/12/2011	1	n/a	ND	
GU-5	d	Chloroethane	75-00-3	ug/L	1/12/2011	4	n/a	ND	
GU-5	d	Chloroform	67-66-3	ug/L	1/12/2011	1	n/a	ND	
GU-5	d	Chlorodibromomethane	124-48-1	ug/L	1/12/2011	5	n/a	ND	
GU-5	d	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	1/12/2011	0.12	n/a	ND	
GU-5	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	1/12/2011	0.13	n/a	ND	
GU-5	d	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	1/12/2011	10	n/a	ND	
GU-5	d	1,1-Dichloroethane	75-34-3	ug/L	1/12/2011	1	n/a	ND	
GU-5	d	1,2-Dichloroethane	107-06-2	ug/L	1/12/2011	1	n/a	ND	
GU-5	d	1,1-Dichloroethene	75-35-4	ug/L	1/12/2011	2	n/a	ND	
GU-5	d	cis-1,2-Dichloroethene	156-59-2	ug/L	1/12/2011	1	n/a	ND	
GU-5	d	trans-1,2-Dichloroethene	156-60-5	ug/L	1/12/2011	1	n/a	ND	
GU-5	d	1,2-Dichloropropane	78-87-5	ug/L	1/12/2011	1	n/a	ND	
GU-5	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	1/12/2011	5	n/a	ND	
GU-5	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	1/12/2011	5	n/a	ND	
GU-5	d	1,2-Dichlorobenzene	95-50-1	ug/L	1/12/2011	4	n/a	ND	
GU-5	d	1,4-Dichlorobenzene	106-46-7	ug/L	1/12/2011	4	n/a	ND	
GU-5	d	Ethylbenzene	100-41-4	ug/L	1/12/2011	1	n/a	ND	
GU-5	d	2-Hexanone	591-78-6	ug/L	1/12/2011	10	n/a	ND	
GU-5	d	Bromomethane	74-83-9	ug/L	1/12/2011	4	n/a	ND	
GU-5	d	Chloromethane	74-87-3	ug/L	1/12/2011	3	n/a	ND	
GU-5	d	2-Butanone	78-93-3	ug/L	1/12/2011	10	n/a	ND	
GU-5	d	Iodomethane	74-88-4	ug/L	1/12/2011	10	n/a	ND	
GU-5	d	4-Methyl-2-pentanone	108-10-1	ug/L	1/12/2011	10	n/a	ND	
GU-5	d	Methylene Bromide	74-95-3	ug/L	1/12/2011	1	n/a	ND	
GU-5	d	Methylene Chloride	75-09-2	ug/L	1/12/2011	5	n/a	ND	
GU-5	d	Styrene	100-42-5	ug/L	1/12/2011	1	n/a	ND	
GU-5	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	1/12/2011	1	n/a	ND	
GU-5	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	1/12/2011	1	n/a	ND	
GU-5	d	Tetrachloroethene	127-18-4	ug/L	1/12/2011	1	n/a	ND	
GU-5	d	Toluene	108-88-3	ug/L	1/12/2011	1	n/a	ND	
GU-5	d	1,1,1-Trichloroethane	71-55-6	ug/L	1/12/2011	1	n/a	ND	
GU-5	d	1,1,2-Trichloroethane	79-00-5	ug/L	1/12/2011	1	n/a	ND	
GU-5	d	Trichloroethene	79-01-6	ug/L	1/12/2011	1	n/a	ND	
GU-5	d	Trichlorofluoromethane	75-69-4	ug/L	1/12/2011	4	n/a	ND	
GU-5	d	1,2,3-Trichloropropane	96-18-4	ug/L	1/12/2011	1	n/a	ND	
GU-5	d	Vinyl acetate	108-05-4	ug/L	1/12/2011	2	n/a	ND	
GU-5	d	Vinyl chloride	75-01-4	ug/L	1/12/2011	1	n/a	ND	
GU-5	d	Xylenes, total	1330-20-7	ug/L	1/12/2011	3	n/a	ND	
GU-5BG	u	Antimony	7440-36-0	mg/L	1/12/2011	0.006	n/a	ND	
GU-5BG	u	Arsenic	7440-38-2	mg/L	1/12/2011	n/a	n/a		0.0468
GU-5BG	u	Barium	7440-39-3	mg/L	1/12/2011	n/a	n/a		0.548
GU-5BG	u	Beryllium	7440-41-7	mg/L	1/12/2011	0.001	n/a	ND	
GU-5BG	u	Cadmium	7440-43-9	mg/L	1/12/2011	0.0005	n/a	ND	
GU-5BG	u	Chromium	7440-47-3	mg/L	1/12/2011	0.02	n/a	ND	
GU-5BG	u	Cobalt	7440-48-4	mg/L	1/12/2011	n/a	n/a		0.0127
GU-5BG	u	Copper	7440-50-8	mg/L	1/12/2011	0.02	n/a	ND	
GU-5BG	u	Lead	7439-92-1	mg/L	1/12/2011	0.004	n/a	ND	
GU-5BG	u	Nickel	7440-02-0	mg/L	1/12/2011	0.05	n/a	ND	
GU-5BG	u	Selenium	7782-49-2	mg/L	1/12/2011	0.005	n/a	ND	
GU-5BG	u	Silver	7440-22-4	mg/L	1/12/2011	0.02	n/a	ND	
GU-5BG	u	Thallium	7440-28-0	mg/L	1/12/2011	0.002	n/a	ND	

Table 9A
Analytical Data Summary - Phase II MSWLF
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Phase II MSWLF and CWTS
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
GU-5BG	u	Vanadium	7440-62-2	mg/L	1/12/2011	0.05	n/a	ND	
GU-5BG	u	Zinc	7440-66-6	mg/L	1/12/2011	0.02	n/a	ND	
GU-5BG	u	Acetone	67-64-1	ug/L	1/12/2011	10	n/a	ND	
GU-5BG	u	Acrylonitrile	107-13-1	ug/L	1/12/2011	10	n/a	ND	
GU-5BG	u	Benzene	71-43-2	ug/L	1/12/2011	0.5	n/a	ND	
GU-5BG	u	Bromochloromethane	74-97-5	ug/L	1/12/2011	5	n/a	ND	
GU-5BG	u	Bromodichloromethane	75-27-4	ug/L	1/12/2011	1	n/a	ND	
GU-5BG	u	Bromoform	75-25-2	ug/L	1/12/2011	5	n/a	ND	
GU-5BG	u	Carbon disulfide	75-15-0	ug/L	1/12/2011	1	n/a	ND	
GU-5BG	u	Carbon Tetrachloride	56-23-5	ug/L	1/12/2011	2	n/a	ND	
GU-5BG	u	Chlorobenzene	108-90-7	ug/L	1/12/2011	1	n/a	ND	
GU-5BG	u	Chloroethane	75-00-3	ug/L	1/12/2011	4	n/a	ND	
GU-5BG	u	Chloroform	67-66-3	ug/L	1/12/2011	1	n/a	ND	
GU-5BG	u	Chlorodibromomethane	124-48-1	ug/L	1/12/2011	5	n/a	ND	
GU-5BG	u	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	1/12/2011	0.12	n/a	ND	
GU-5BG	u	1,2-Dibromoethane [EDB]	106-93-4	ug/L	1/12/2011	0.13	n/a	ND	
GU-5BG	u	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	1/12/2011	10	n/a	ND	
GU-5BG	u	1,1-Dichloroethane	75-34-3	ug/L	1/12/2011	1	n/a	ND	
GU-5BG	u	1,2-Dichloroethane	107-06-2	ug/L	1/12/2011	1	n/a	ND	
GU-5BG	u	1,1-Dichloroethene	75-35-4	ug/L	1/12/2011	2	n/a	ND	
GU-5BG	u	cis-1,2-Dichloroethene	156-59-2	ug/L	1/12/2011	1	n/a	ND	
GU-5BG	u	trans-1,2-Dichloroethene	156-60-5	ug/L	1/12/2011	1	n/a	ND	
GU-5BG	u	1,2-Dichloropropane	78-87-5	ug/L	1/12/2011	1	n/a	ND	
GU-5BG	u	cis-1,3-Dichloropropene	10061-01-5	ug/L	1/12/2011	5	n/a	ND	
GU-5BG	u	trans-1,3-Dichloropropene	10061-02-6	ug/L	1/12/2011	5	n/a	ND	
GU-5BG	u	1,2-Dichlorobenzene	95-50-1	ug/L	1/12/2011	4	n/a	ND	
GU-5BG	u	1,4-Dichlorobenzene	106-46-7	ug/L	1/12/2011	4	n/a	ND	
GU-5BG	u	Ethylbenzene	100-41-4	ug/L	1/12/2011	1	n/a	ND	
GU-5BG	u	2-Hexanone	591-78-6	ug/L	1/12/2011	10	n/a	ND	
GU-5BG	u	Bromomethane	74-83-9	ug/L	1/12/2011	4	n/a	ND	
GU-5BG	u	Chloromethane	74-87-3	ug/L	1/12/2011	3	n/a	ND	
GU-5BG	u	2-Butanone	78-93-3	ug/L	1/12/2011	10	n/a	ND	
GU-5BG	u	Iodomethane	74-88-4	ug/L	1/12/2011	10	n/a	ND	
GU-5BG	u	4-Methyl-2-pentanone	108-10-1	ug/L	1/12/2011	10	n/a	ND	
GU-5BG	u	Methylene Bromide	74-95-3	ug/L	1/12/2011	1	n/a	ND	
GU-5BG	u	Methylene Chloride	75-09-2	ug/L	1/12/2011	5	n/a	ND	
GU-5BG	u	Styrene	100-42-5	ug/L	1/12/2011	1	n/a	ND	
GU-5BG	u	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	1/12/2011	1	n/a	ND	
GU-5BG	u	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	1/12/2011	1	n/a	ND	
GU-5BG	u	Tetrachloroethene	127-18-4	ug/L	1/12/2011	1	n/a	ND	
GU-5BG	u	Toluene	108-88-3	ug/L	1/12/2011	1	n/a	ND	
GU-5BG	u	1,1,1-Trichloroethane	71-55-6	ug/L	1/12/2011	1	n/a	ND	
GU-5BG	u	1,1,2-Trichloroethane	79-00-5	ug/L	1/12/2011	1	n/a	ND	
GU-5BG	u	Trichloroethene	79-01-6	ug/L	1/12/2011	1	n/a	ND	
GU-5BG	u	Trichlorofluoromethane	75-69-4	ug/L	1/12/2011	4	n/a	ND	
GU-5BG	u	1,2,3-Trichloropropane	96-18-4	ug/L	1/12/2011	1	n/a	ND	
GU-5BG	u	Vinyl acetate	108-05-4	ug/L	1/12/2011	2	n/a	ND	
GU-5BG	u	Vinyl chloride	75-01-4	ug/L	1/12/2011	1	n/a	ND	
GU-5BG	u	Xylenes, total	1330-20-7	ug/L	1/12/2011	3	n/a	ND	
MW-C	d	Antimony	7440-36-0	mg/L	1/12/2011	0.006	n/a	ND	
MW-C	d	Arsenic	7440-38-2	mg/L	1/12/2011	0.001	n/a	ND	
MW-C	d	Barium	7440-39-3	mg/L	1/12/2011	n/a	n/a		0.535
MW-C	d	Beryllium	7440-41-7	mg/L	1/12/2011	0.001	n/a	ND	
MW-C	d	Cadmium	7440-43-9	mg/L	1/12/2011	0.0005	n/a	ND	
MW-C	d	Chromium	7440-47-3	mg/L	1/12/2011	0.02	n/a	ND	
MW-C	d	Cobalt	7440-48-4	mg/L	1/12/2011	0.00155	n/a	ND	
MW-C	d	Copper	7440-50-8	mg/L	1/12/2011	0.02	n/a	ND	
MW-C	d	Lead	7439-92-1	mg/L	1/12/2011	0.004	n/a	ND	
MW-C	d	Nickel	7440-02-0	mg/L	1/12/2011	0.05	n/a	ND	
MW-C	d	Selenium	7782-49-2	mg/L	1/12/2011	0.005	n/a	ND	
MW-C	d	Silver	7440-22-4	mg/L	1/12/2011	0.02	n/a	ND	
MW-C	d	Thallium	7440-28-0	mg/L	1/12/2011	0.002	n/a	ND	
MW-C	d	Vanadium	7440-62-2	mg/L	1/12/2011	0.05	n/a	ND	
MW-C	d	Zinc	7440-66-6	mg/L	1/12/2011	n/a	n/a		0.0296
MW-C	d	Acetone	67-64-1	ug/L	1/12/2011	10	n/a	ND	
MW-C	d	Acrylonitrile	107-13-1	ug/L	1/12/2011	10	n/a	ND	
MW-C	d	Benzene	71-43-2	ug/L	1/12/2011	0.5	n/a	ND	
MW-C	d	Bromochloromethane	74-97-5	ug/L	1/12/2011	5	n/a	ND	
MW-C	d	Bromodichloromethane	75-27-4	ug/L	1/12/2011	1	n/a	ND	
MW-C	d	Bromoform	75-25-2	ug/L	1/12/2011	5	n/a	ND	
MW-C	d	Carbon disulfide	75-15-0	ug/L	1/12/2011	1	n/a	ND	
MW-C	d	Carbon Tetrachloride	56-23-5	ug/L	1/12/2011	2	n/a	ND	
MW-C	d	Chlorobenzene	108-90-7	ug/L	1/12/2011	1	n/a	ND	
MW-C	d	Chloroethane	75-00-3	ug/L	1/12/2011	4	n/a	ND	
MW-C	d	Chloroform	67-66-3	ug/L	1/12/2011	1	n/a	ND	

Table 9A
Analytical Data Summary - Phase II MSWLF
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Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-C	d	Chlorodibromomethane	124-48-1	ug/L	1/12/2011	5	n/a	ND	
MW-C	d	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	1/12/2011	0.12	n/a	ND	
MW-C	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	1/12/2011	0.13	n/a	ND	
MW-C	d	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	1/12/2011	10	n/a	ND	
MW-C	d	1,1-Dichloroethane	75-34-3	ug/L	1/12/2011	1	n/a	ND	
MW-C	d	1,2-Dichloroethane	107-06-2	ug/L	1/12/2011	1	n/a	ND	
MW-C	d	1,1-Dichloroethene	75-35-4	ug/L	1/12/2011	2	n/a	ND	
MW-C	d	cis-1,2-Dichloroethene	156-59-2	ug/L	1/12/2011	1	n/a	ND	
MW-C	d	trans-1,2-Dichloroethene	156-60-5	ug/L	1/12/2011	1	n/a	ND	
MW-C	d	1,2-Dichloropropane	78-87-5	ug/L	1/12/2011	1	n/a	ND	
MW-C	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	1/12/2011	5	n/a	ND	
MW-C	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	1/12/2011	5	n/a	ND	
MW-C	d	1,2-Dichlorobenzene	95-50-1	ug/L	1/12/2011	4	n/a	ND	
MW-C	d	1,4-Dichlorobenzene	106-46-7	ug/L	1/12/2011	4	n/a	ND	
MW-C	d	Ethylbenzene	100-41-4	ug/L	1/12/2011	1	n/a	ND	
MW-C	d	2-Hexanone	591-78-6	ug/L	1/12/2011	10	n/a	ND	
MW-C	d	Bromomethane	74-83-9	ug/L	1/12/2011	4	n/a	ND	
MW-C	d	Chloromethane	74-87-3	ug/L	1/12/2011	3	n/a	ND	
MW-C	d	2-Butanone	78-93-3	ug/L	1/12/2011	10	n/a	ND	
MW-C	d	Iodomethane	74-88-4	ug/L	1/12/2011	10	n/a	ND	
MW-C	d	4-Methyl-2-pentanone	108-10-1	ug/L	1/12/2011	10	n/a	ND	
MW-C	d	Methylene Bromide	74-95-3	ug/L	1/12/2011	1	n/a	ND	
MW-C	d	Methylene Chloride	75-09-2	ug/L	1/12/2011	5	n/a	ND	
MW-C	d	Styrene	100-42-5	ug/L	1/12/2011	1	n/a	ND	
MW-C	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	1/12/2011	1	n/a	ND	
MW-C	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	1/12/2011	1	n/a	ND	
MW-C	d	Tetrachloroethene	127-18-4	ug/L	1/12/2011	1	n/a	ND	
MW-C	d	Toluene	108-88-3	ug/L	1/12/2011	1	n/a	ND	
MW-C	d	1,1,1-Trichloroethane	71-55-6	ug/L	1/12/2011	1	n/a	ND	
MW-C	d	1,1,2-Trichloroethane	79-00-5	ug/L	1/12/2011	1	n/a	ND	
MW-C	d	Trichloroethene	79-01-6	ug/L	1/12/2011	1	n/a	ND	
MW-C	d	Trichlorofluoromethane	75-69-4	ug/L	1/12/2011	4	n/a	ND	
MW-C	d	1,2,3-Trichloropropane	96-18-4	ug/L	1/12/2011	1	n/a	ND	
MW-C	d	Vinyl acetate	108-05-4	ug/L	1/12/2011	2	n/a	ND	
MW-C	d	Vinyl chloride	75-01-4	ug/L	1/12/2011	1	n/a	ND	
MW-C	d	Xylenes, total	1330-20-7	ug/L	1/12/2011	3	n/a	ND	
GU-3	d	Antimony	7440-36-0	mg/L	3/3/2011	0.006	n/a	ND	
GU-3	d	Arsenic	7440-38-2	mg/L	3/3/2011	0.002	n/a	ND	
GU-3	d	Barium	7440-39-3	mg/L	3/3/2011	n/a	n/a		0.128
GU-3	d	Beryllium	7440-41-7	mg/L	3/3/2011	0.001	n/a	ND	
GU-3	d	Cadmium	7440-43-9	mg/L	3/3/2011	0.0005	n/a	ND	
GU-3	d	Chromium	7440-47-3	mg/L	3/3/2011	0.02	n/a	ND	
GU-3	d	Cobalt	7440-48-4	mg/L	3/3/2011	n/a	n/a		0.00347
GU-3	d	Copper	7440-50-8	mg/L	3/3/2011	0.02	n/a	ND	
GU-3	d	Lead	7439-92-1	mg/L	3/3/2011	0.004	n/a	ND	
GU-3	d	Nickel	7440-02-0	mg/L	3/3/2011	0.05	n/a	ND	
GU-3	d	Selenium	7782-49-2	mg/L	3/3/2011	0.005	n/a	ND	
GU-3	d	Silver	7440-22-4	mg/L	3/3/2011	0.02	n/a	ND	
GU-3	d	Thallium	7440-28-0	mg/L	3/3/2011	0.002	n/a	ND	
GU-3	d	Vanadium	7440-62-2	mg/L	3/3/2011	0.05	n/a	ND	
GU-3	d	Zinc	7440-66-6	mg/L	3/3/2011	0.02	n/a	ND	
GU-3	d	Acetone	67-64-1	ug/L	3/3/2011	10	n/a	ND	
GU-3	d	Acrylonitrile	107-13-1	ug/L	3/3/2011	10	n/a	ND	
GU-3	d	Benzene	71-43-2	ug/L	3/3/2011	0.5	n/a	ND	
GU-3	d	Bromochloromethane	74-97-5	ug/L	3/3/2011	5	n/a	ND	
GU-3	d	Bromodichloromethane	75-27-4	ug/L	3/3/2011	1	n/a	ND	
GU-3	d	Bromoform	75-25-2	ug/L	3/3/2011	5	n/a	ND	
GU-3	d	Carbon disulfide	75-15-0	ug/L	3/3/2011	1	n/a	ND	
GU-3	d	Carbon Tetrachloride	56-23-5	ug/L	3/3/2011	2	n/a	ND	
GU-3	d	Chlorobenzene	108-90-7	ug/L	3/3/2011	1	n/a	ND	
GU-3	d	Chloroethane	75-00-3	ug/L	3/3/2011	4	n/a	ND	
GU-3	d	Chloroform	67-66-3	ug/L	3/3/2011	1	n/a	ND	
GU-3	d	Chlorodibromomethane	124-48-1	ug/L	3/3/2011	5	n/a	ND	
GU-3	d	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	3/3/2011	0.12	n/a	ND	
GU-3	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	3/3/2011	0.13	n/a	ND	
GU-3	d	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	3/3/2011	10	n/a	ND	
GU-3	d	1,1-Dichloroethane	75-34-3	ug/L	3/3/2011	1	n/a	ND	
GU-3	d	1,2-Dichloroethane	107-06-2	ug/L	3/3/2011	1	n/a	ND	
GU-3	d	1,1-Dichloroethene	75-35-4	ug/L	3/3/2011	2	n/a	ND	
GU-3	d	cis-1,2-Dichloroethene	156-59-2	ug/L	3/3/2011	1	n/a	ND	
GU-3	d	trans-1,2-Dichloroethene	156-60-5	ug/L	3/3/2011	1	n/a	ND	
GU-3	d	1,2-Dichloropropane	78-87-5	ug/L	3/3/2011	1	n/a	ND	
GU-3	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	3/3/2011	5	n/a	ND	
GU-3	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	3/3/2011	5	n/a	ND	
GU-3	d	1,2-Dichlorobenzene	95-50-1	ug/L	3/3/2011	1	n/a	ND	

Table 9A
Analytical Data Summary - Phase II MSWLF
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Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
GU-3	d	1,4-Dichlorobenzene	106-46-7	ug/L	3/3/2011	1	n/a	ND	
GU-3	d	Ethylbenzene	100-41-4	ug/L	3/3/2011	1	n/a	ND	
GU-3	d	2-Hexanone	591-78-6	ug/L	3/3/2011	10	n/a	ND	
GU-3	d	Bromomethane	74-83-9	ug/L	3/3/2011	4	n/a	ND	
GU-3	d	Chloromethane	74-87-3	ug/L	3/3/2011	3	n/a	ND	
GU-3	d	2-Butanone	78-93-3	ug/L	3/3/2011	10	n/a	ND	
GU-3	d	Iodomethane	74-88-4	ug/L	3/3/2011	10	n/a	ND	
GU-3	d	4-Methyl-2-pentanone	108-10-1	ug/L	3/3/2011	10	n/a	ND	
GU-3	d	Methylene Bromide	74-95-3	ug/L	3/3/2011	1	n/a	ND	
GU-3	d	Methylene Chloride	75-09-2	ug/L	3/3/2011	5	n/a	ND	
GU-3	d	Styrene	100-42-5	ug/L	3/3/2011	1	n/a	ND	
GU-3	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	3/3/2011	1	n/a	ND	
GU-3	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	3/3/2011	1	n/a	ND	
GU-3	d	Tetrachloroethene	127-18-4	ug/L	3/3/2011	1	n/a	ND	
GU-3	d	Toluene	108-88-3	ug/L	3/3/2011	1	n/a	ND	
GU-3	d	1,1,1-Trichloroethane	71-55-6	ug/L	3/3/2011	1	n/a	ND	
GU-3	d	1,1,2-Trichloroethane	79-00-5	ug/L	3/3/2011	1	n/a	ND	
GU-3	d	Trichloroethene	79-01-6	ug/L	3/3/2011	1	n/a	ND	
GU-3	d	Trichlorofluoromethane	75-69-4	ug/L	3/3/2011	4	n/a	ND	
GU-3	d	1,2,3-Trichloropropane	96-18-4	ug/L	3/3/2011	1	n/a	ND	
GU-3	d	Vinyl acetate	108-05-4	ug/L	3/3/2011	2	n/a	ND	
GU-3	d	Vinyl chloride	75-01-4	ug/L	3/3/2011	1	n/a	ND	
GU-3	d	Xylenes, total	1330-20-7	ug/L	3/3/2011	3	n/a	ND	
GU-3BG	u	Antimony	7440-36-0	mg/L	3/3/2011	0.006	n/a	ND	
GU-3BG	u	Arsenic	7440-38-2	mg/L	3/3/2011	0.002	n/a	ND	
GU-3BG	u	Barium	7440-39-3	mg/L	3/3/2011	n/a	n/a		0.128
GU-3BG	u	Beryllium	7440-41-7	mg/L	3/3/2011	0.001	n/a	ND	
GU-3BG	u	Cadmium	7440-43-9	mg/L	3/3/2011	0.0005	n/a	ND	
GU-3BG	u	Chromium	7440-47-3	mg/L	3/3/2011	0.02	n/a	ND	
GU-3BG	u	Cobalt	7440-48-4	mg/L	3/3/2011	n/a	n/a		0.00347
GU-3BG	u	Copper	7440-50-8	mg/L	3/3/2011	0.02	n/a	ND	
GU-3BG	u	Lead	7439-92-1	mg/L	3/3/2011	0.004	n/a	ND	
GU-3BG	u	Nickel	7440-02-0	mg/L	3/3/2011	0.05	n/a	ND	
GU-3BG	u	Selenium	7782-49-2	mg/L	3/3/2011	0.005	n/a	ND	
GU-3BG	u	Silver	7440-22-4	mg/L	3/3/2011	0.02	n/a	ND	
GU-3BG	u	Thallium	7440-28-0	mg/L	3/3/2011	0.002	n/a	ND	
GU-3BG	u	Vanadium	7440-62-2	mg/L	3/3/2011	0.05	n/a	ND	
GU-3BG	u	Zinc	7440-66-6	mg/L	3/3/2011	0.02	n/a	ND	
GU-3BG	u	Acetone	67-64-1	ug/L	3/3/2011	10	n/a	ND	
GU-3BG	u	Acrylonitrile	107-13-1	ug/L	3/3/2011	10	n/a	ND	
GU-3BG	u	Benzene	71-43-2	ug/L	3/3/2011	0.5	n/a	ND	
GU-3BG	u	Bromochloromethane	74-97-5	ug/L	3/3/2011	5	n/a	ND	
GU-3BG	u	Bromodichloromethane	75-27-4	ug/L	3/3/2011	1	n/a	ND	
GU-3BG	u	Bromoform	75-25-2	ug/L	3/3/2011	5	n/a	ND	
GU-3BG	u	Carbon disulfide	75-15-0	ug/L	3/3/2011	1	n/a	ND	
GU-3BG	u	Carbon Tetrachloride	56-23-5	ug/L	3/3/2011	2	n/a	ND	
GU-3BG	u	Chlorobenzene	108-90-7	ug/L	3/3/2011	1	n/a	ND	
GU-3BG	u	Chloroethane	75-00-3	ug/L	3/3/2011	4	n/a	ND	
GU-3BG	u	Chloroform	67-66-3	ug/L	3/3/2011	1	n/a	ND	
GU-3BG	u	Chlorodibromomethane	124-48-1	ug/L	3/3/2011	5	n/a	ND	
GU-3BG	u	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	3/3/2011	0.12	n/a	ND	
GU-3BG	u	1,2-Dibromoethane [EDB]	106-93-4	ug/L	3/3/2011	0.13	n/a	ND	
GU-3BG	u	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	3/3/2011	10	n/a	ND	
GU-3BG	u	1,1-Dichloroethane	75-34-3	ug/L	3/3/2011	1	n/a	ND	
GU-3BG	u	1,2-Dichloroethane	107-06-2	ug/L	3/3/2011	1	n/a	ND	
GU-3BG	u	1,1-Dichloroethene	75-35-4	ug/L	3/3/2011	2	n/a	ND	
GU-3BG	u	cis-1,2-Dichloroethene	156-59-2	ug/L	3/3/2011	1	n/a	ND	
GU-3BG	u	trans-1,2-Dichloroethene	156-60-5	ug/L	3/3/2011	1	n/a	ND	
GU-3BG	u	1,2-Dichloropropane	78-87-5	ug/L	3/3/2011	1	n/a	ND	
GU-3BG	u	cis-1,3-Dichloropropene	10061-01-5	ug/L	3/3/2011	5	n/a	ND	
GU-3BG	u	trans-1,3-Dichloropropene	10061-02-6	ug/L	3/3/2011	5	n/a	ND	
GU-3BG	u	1,2-Dichlorobenzene	95-50-1	ug/L	3/3/2011	1	n/a	ND	
GU-3BG	u	1,4-Dichlorobenzene	106-46-7	ug/L	3/3/2011	1	n/a	ND	
GU-3BG	u	Ethylbenzene	100-41-4	ug/L	3/3/2011	1	n/a	ND	
GU-3BG	u	2-Hexanone	591-78-6	ug/L	3/3/2011	10	n/a	ND	
GU-3BG	u	Bromomethane	74-83-9	ug/L	3/3/2011	4	n/a	ND	
GU-3BG	u	Chloromethane	74-87-3	ug/L	3/3/2011	3	n/a	ND	
GU-3BG	u	2-Butanone	78-93-3	ug/L	3/3/2011	10	n/a	ND	
GU-3BG	u	Iodomethane	74-88-4	ug/L	3/3/2011	10	n/a	ND	
GU-3BG	u	4-Methyl-2-pentanone	108-10-1	ug/L	3/3/2011	10	n/a	ND	
GU-3BG	u	Methylene Bromide	74-95-3	ug/L	3/3/2011	1	n/a	ND	
GU-3BG	u	Methylene Chloride	75-09-2	ug/L	3/3/2011	5	n/a	ND	
GU-3BG	u	Styrene	100-42-5	ug/L	3/3/2011	1	n/a	ND	
GU-3BG	u	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	3/3/2011	1	n/a	ND	
GU-3BG	u	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	3/3/2011	1	n/a	ND	

Table 9A
Analytical Data Summary - Phase II MSWLF
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Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
GU-3BG	u	Tetrachloroethene	127-18-4	ug/L	3/3/2011	1	n/a	ND	
GU-3BG	u	Toluene	108-88-3	ug/L	3/3/2011	1	n/a	ND	
GU-3BG	u	1,1,1-Trichloroethane	71-55-6	ug/L	3/3/2011	1	n/a	ND	
GU-3BG	u	1,1,2-Trichloroethane	79-00-5	ug/L	3/3/2011	1	n/a	ND	
GU-3BG	u	Trichloroethene	79-01-6	ug/L	3/3/2011	1	n/a	ND	
GU-3BG	u	Trichlorofluoromethane	75-69-4	ug/L	3/3/2011	4	n/a	ND	
GU-3BG	u	1,2,3-Trichloropropane	96-18-4	ug/L	3/3/2011	1	n/a	ND	
GU-3BG	u	Vinyl acetate	108-05-4	ug/L	3/3/2011	2	n/a	ND	
GU-3BG	u	Vinyl chloride	75-01-4	ug/L	3/3/2011	1	n/a	ND	
GU-3BG	u	Xylenes, total	1330-20-7	ug/L	3/3/2011	3	n/a	ND	
GU-4	d	Antimony	7440-36-0	mg/L	3/3/2011	0.006	n/a	ND	
GU-4	d	Arsenic	7440-38-2	mg/L	3/3/2011	0.018	n/a	ND	
GU-4	d	Barium	7440-39-3	mg/L	3/3/2011	n/a	n/a		0.019
GU-4	d	Beryllium	7440-41-7	mg/L	3/3/2011	0.001	n/a	ND	
GU-4	d	Cadmium	7440-43-9	mg/L	3/3/2011	0.0005	n/a	ND	
GU-4	d	Chromium	7440-47-3	mg/L	3/3/2011	0.02	n/a	ND	
GU-4	d	Cobalt	7440-48-4	mg/L	3/3/2011	0.00155	n/a	ND	
GU-4	d	Copper	7440-50-8	mg/L	3/3/2011	0.02	n/a	ND	
GU-4	d	Lead	7439-92-1	mg/L	3/3/2011	0.004	n/a	ND	
GU-4	d	Nickel	7440-02-0	mg/L	3/3/2011	0.05	n/a	ND	
GU-4	d	Selenium	7782-49-2	mg/L	3/3/2011	0.005	n/a	ND	
GU-4	d	Silver	7440-22-4	mg/L	3/3/2011	0.02	n/a	ND	
GU-4	d	Thallium	7440-28-0	mg/L	3/3/2011	0.002	n/a	ND	
GU-4	d	Vanadium	7440-62-2	mg/L	3/3/2011	0.05	n/a	ND	
GU-4	d	Zinc	7440-66-6	mg/L	3/3/2011	0.02	n/a	ND	
GU-4	d	Acetone	67-64-1	ug/L	3/3/2011	10	n/a	ND	
GU-4	d	Acrylonitrile	107-13-1	ug/L	3/3/2011	10	n/a	ND	
GU-4	d	Benzene	71-43-2	ug/L	3/3/2011	0.5	n/a	ND	
GU-4	d	Bromochloromethane	74-97-5	ug/L	3/3/2011	5	n/a	ND	
GU-4	d	Bromodichloromethane	75-27-4	ug/L	3/3/2011	1	n/a	ND	
GU-4	d	Bromoform	75-25-2	ug/L	3/3/2011	5	n/a	ND	
GU-4	d	Carbon disulfide	75-15-0	ug/L	3/3/2011	1	n/a	ND	
GU-4	d	Carbon Tetrachloride	56-23-5	ug/L	3/3/2011	2	n/a	ND	
GU-4	d	Chlorobenzene	108-90-7	ug/L	3/3/2011	1	n/a	ND	
GU-4	d	Chloroethane	75-00-3	ug/L	3/3/2011	4	n/a	ND	
GU-4	d	Chloroform	67-66-3	ug/L	3/3/2011	1	n/a	ND	
GU-4	d	Chlorodibromomethane	124-48-1	ug/L	3/3/2011	5	n/a	ND	
GU-4	d	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	3/3/2011	0.12	n/a	ND	
GU-4	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	3/3/2011	0.13	n/a	ND	
GU-4	d	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	3/3/2011	10	n/a	ND	
GU-4	d	1,1-Dichloroethane	75-34-3	ug/L	3/3/2011	1	n/a	ND	
GU-4	d	1,2-Dichloroethane	107-06-2	ug/L	3/3/2011	1	n/a	ND	
GU-4	d	1,1-Dichloroethene	75-35-4	ug/L	3/3/2011	2	n/a	ND	
GU-4	d	cis-1,2-Dichloroethene	156-59-2	ug/L	3/3/2011	1	n/a	ND	
GU-4	d	trans-1,2-Dichloroethene	156-60-5	ug/L	3/3/2011	1	n/a	ND	
GU-4	d	1,2-Dichloropropane	78-87-5	ug/L	3/3/2011	1	n/a	ND	
GU-4	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	3/3/2011	5	n/a	ND	
GU-4	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	3/3/2011	5	n/a	ND	
GU-4	d	1,2-Dichlorobenzene	95-50-1	ug/L	3/3/2011	1	n/a	ND	
GU-4	d	1,4-Dichlorobenzene	106-46-7	ug/L	3/3/2011	1	n/a	ND	
GU-4	d	Ethylbenzene	100-41-4	ug/L	3/3/2011	1	n/a	ND	
GU-4	d	2-Hexanone	591-78-6	ug/L	3/3/2011	10	n/a	ND	
GU-4	d	Bromomethane	74-83-9	ug/L	3/3/2011	4	n/a	ND	
GU-4	d	Chloromethane	74-87-3	ug/L	3/3/2011	3	n/a	ND	
GU-4	d	2-Butanone	78-93-3	ug/L	3/3/2011	10	n/a	ND	
GU-4	d	Iodomethane	74-88-4	ug/L	3/3/2011	10	n/a	ND	
GU-4	d	4-Methyl-2-pentanone	108-10-1	ug/L	3/3/2011	10	n/a	ND	
GU-4	d	Methylene Bromide	74-95-3	ug/L	3/3/2011	1	n/a	ND	
GU-4	d	Methylene Chloride	75-09-2	ug/L	3/3/2011	5	n/a	ND	
GU-4	d	Styrene	100-42-5	ug/L	3/3/2011	1	n/a	ND	
GU-4	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	3/3/2011	1	n/a	ND	
GU-4	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	3/3/2011	1	n/a	ND	
GU-4	d	Tetrachloroethene	127-18-4	ug/L	3/3/2011	1	n/a	ND	
GU-4	d	Toluene	108-88-3	ug/L	3/3/2011	1	n/a	ND	
GU-4	d	1,1,1-Trichloroethane	71-55-6	ug/L	3/3/2011	1	n/a	ND	
GU-4	d	1,1,2-Trichloroethane	79-00-5	ug/L	3/3/2011	1	n/a	ND	
GU-4	d	Trichloroethene	79-01-6	ug/L	3/3/2011	1	n/a	ND	
GU-4	d	Trichlorofluoromethane	75-69-4	ug/L	3/3/2011	4	n/a	ND	
GU-4	d	1,2,3-Trichloropropane	96-18-4	ug/L	3/3/2011	1	n/a	ND	
GU-4	d	Vinyl acetate	108-05-4	ug/L	3/3/2011	2	n/a	ND	
GU-4	d	Vinyl chloride	75-01-4	ug/L	3/3/2011	1	n/a	ND	
GU-4	d	Xylenes, total	1330-20-7	ug/L	3/3/2011	3	n/a	ND	
GU-4BG	u	Antimony	7440-36-0	mg/L	3/3/2011	0.006	n/a	ND	
GU-4BG	u	Arsenic	7440-38-2	mg/L	3/3/2011	0.018	n/a	ND	
GU-4BG	u	Barium	7440-39-3	mg/L	3/3/2011	n/a	n/a		0.019

Table 9A
Analytical Data Summary - Phase II MSWLF
2024 Annual Water Quality Report
Phase II MSWLF and CWTS
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
GU-4BG	u	Beryllium	7440-41-7	mg/L	3/3/2011	0.001	n/a	ND	
GU-4BG	u	Cadmium	7440-43-9	mg/L	3/3/2011	0.0005	n/a	ND	
GU-4BG	u	Chromium	7440-47-3	mg/L	3/3/2011	0.02	n/a	ND	
GU-4BG	u	Cobalt	7440-48-4	mg/L	3/3/2011	0.00155	n/a	ND	
GU-4BG	u	Copper	7440-50-8	mg/L	3/3/2011	0.02	n/a	ND	
GU-4BG	u	Lead	7439-92-1	mg/L	3/3/2011	0.004	n/a	ND	
GU-4BG	u	Nickel	7440-02-0	mg/L	3/3/2011	0.05	n/a	ND	
GU-4BG	u	Selenium	7782-49-2	mg/L	3/3/2011	0.005	n/a	ND	
GU-4BG	u	Silver	7440-22-4	mg/L	3/3/2011	0.02	n/a	ND	
GU-4BG	u	Thallium	7440-28-0	mg/L	3/3/2011	0.002	n/a	ND	
GU-4BG	u	Vanadium	7440-62-2	mg/L	3/3/2011	0.05	n/a	ND	
GU-4BG	u	Zinc	7440-66-6	mg/L	3/3/2011	0.02	n/a	ND	
GU-4BG	u	Acetone	67-64-1	ug/L	3/3/2011	10	n/a	ND	
GU-4BG	u	Acrylonitrile	107-13-1	ug/L	3/3/2011	10	n/a	ND	
GU-4BG	u	Benzene	71-43-2	ug/L	3/3/2011	0.5	n/a	ND	
GU-4BG	u	Bromochloromethane	74-97-5	ug/L	3/3/2011	5	n/a	ND	
GU-4BG	u	Bromodichloromethane	75-27-4	ug/L	3/3/2011	1	n/a	ND	
GU-4BG	u	Bromoform	75-25-2	ug/L	3/3/2011	5	n/a	ND	
GU-4BG	u	Carbon disulfide	75-15-0	ug/L	3/3/2011	1	n/a	ND	
GU-4BG	u	Carbon Tetrachloride	56-23-5	ug/L	3/3/2011	2	n/a	ND	
GU-4BG	u	Chlorobenzene	108-90-7	ug/L	3/3/2011	1	n/a	ND	
GU-4BG	u	Chloroethane	75-00-3	ug/L	3/3/2011	4	n/a	ND	
GU-4BG	u	Chloroform	67-66-3	ug/L	3/3/2011	1	n/a	ND	
GU-4BG	u	Chlorodibromomethane	124-48-1	ug/L	3/3/2011	5	n/a	ND	
GU-4BG	u	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	3/3/2011	0.12	n/a	ND	
GU-4BG	u	1,2-Dibromoethane [EDB]	106-93-4	ug/L	3/3/2011	0.13	n/a	ND	
GU-4BG	u	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	3/3/2011	10	n/a	ND	
GU-4BG	u	1,1-Dichloroethane	75-34-3	ug/L	3/3/2011	1	n/a	ND	
GU-4BG	u	1,2-Dichloroethane	107-06-2	ug/L	3/3/2011	1	n/a	ND	
GU-4BG	u	1,1-Dichloroethene	75-35-4	ug/L	3/3/2011	2	n/a	ND	
GU-4BG	u	cis-1,2-Dichloroethene	156-59-2	ug/L	3/3/2011	1	n/a	ND	
GU-4BG	u	trans-1,2-Dichloroethene	156-60-5	ug/L	3/3/2011	1	n/a	ND	
GU-4BG	u	1,2-Dichloropropane	78-87-5	ug/L	3/3/2011	1	n/a	ND	
GU-4BG	u	cis-1,3-Dichloropropene	10061-01-5	ug/L	3/3/2011	5	n/a	ND	
GU-4BG	u	trans-1,3-Dichloropropene	10061-02-6	ug/L	3/3/2011	5	n/a	ND	
GU-4BG	u	1,2-Dichlorobenzene	95-50-1	ug/L	3/3/2011	1	n/a	ND	
GU-4BG	u	1,4-Dichlorobenzene	106-46-7	ug/L	3/3/2011	1	n/a	ND	
GU-4BG	u	Ethylbenzene	100-41-4	ug/L	3/3/2011	1	n/a	ND	
GU-4BG	u	2-Hexanone	591-78-6	ug/L	3/3/2011	10	n/a	ND	
GU-4BG	u	Bromomethane	74-83-9	ug/L	3/3/2011	4	n/a	ND	
GU-4BG	u	Chloromethane	74-87-3	ug/L	3/3/2011	3	n/a	ND	
GU-4BG	u	2-Butanone	78-93-3	ug/L	3/3/2011	10	n/a	ND	
GU-4BG	u	Iodomethane	74-88-4	ug/L	3/3/2011	10	n/a	ND	
GU-4BG	u	4-Methyl-2-pentanone	108-10-1	ug/L	3/3/2011	10	n/a	ND	
GU-4BG	u	Methylene Bromide	74-95-3	ug/L	3/3/2011	1	n/a	ND	
GU-4BG	u	Methylene Chloride	75-09-2	ug/L	3/3/2011	5	n/a	ND	
GU-4BG	u	Styrene	100-42-5	ug/L	3/3/2011	1	n/a	ND	
GU-4BG	u	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	3/3/2011	1	n/a	ND	
GU-4BG	u	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	3/3/2011	1	n/a	ND	
GU-4BG	u	Tetrachloroethene	127-18-4	ug/L	3/3/2011	1	n/a	ND	
GU-4BG	u	Toluene	108-88-3	ug/L	3/3/2011	1	n/a	ND	
GU-4BG	u	1,1,1-Trichloroethane	71-55-6	ug/L	3/3/2011	1	n/a	ND	
GU-4BG	u	1,1,2-Trichloroethane	79-00-5	ug/L	3/3/2011	1	n/a	ND	
GU-4BG	u	Trichloroethene	79-01-6	ug/L	3/3/2011	1	n/a	ND	
GU-4BG	u	Trichlorofluoromethane	75-69-4	ug/L	3/3/2011	4	n/a	ND	
GU-4BG	u	1,2,3-Trichloropropane	96-18-4	ug/L	3/3/2011	1	n/a	ND	
GU-4BG	u	Vinyl acetate	108-05-4	ug/L	3/3/2011	2	n/a	ND	
GU-4BG	u	Vinyl chloride	75-01-4	ug/L	3/3/2011	1	n/a	ND	
GU-4BG	u	Xylenes, total	1330-20-7	ug/L	3/3/2011	3	n/a	ND	
GU-5	d	Antimony	7440-36-0	mg/L	3/3/2011	0.006	n/a	ND	
GU-5	d	Arsenic	7440-38-2	mg/L	3/3/2011	0.001	n/a	ND	
GU-5	d	Barium	7440-39-3	mg/L	3/3/2011	n/a	n/a		0.229
GU-5	d	Beryllium	7440-41-7	mg/L	3/3/2011	0.001	n/a	ND	
GU-5	d	Cadmium	7440-43-9	mg/L	3/3/2011	0.0005	n/a	ND	
GU-5	d	Chromium	7440-47-3	mg/L	3/3/2011	0.02	n/a	ND	
GU-5	d	Cobalt	7440-48-4	mg/L	3/3/2011	n/a	n/a		0.00285
GU-5	d	Copper	7440-50-8	mg/L	3/3/2011	0.02	n/a	ND	
GU-5	d	Lead	7439-92-1	mg/L	3/3/2011	0.004	n/a	ND	
GU-5	d	Nickel	7440-02-0	mg/L	3/3/2011	0.05	n/a	ND	
GU-5	d	Selenium	7782-49-2	mg/L	3/3/2011	0.005	n/a	ND	
GU-5	d	Silver	7440-22-4	mg/L	3/3/2011	0.02	n/a	ND	
GU-5	d	Thallium	7440-28-0	mg/L	3/3/2011	0.002	n/a	ND	
GU-5	d	Vanadium	7440-62-2	mg/L	3/3/2011	0.05	n/a	ND	
GU-5	d	Zinc	7440-66-6	mg/L	3/3/2011	0.02	n/a	ND	
GU-5	d	Acetone	67-64-1	ug/L	3/3/2011	10	n/a	ND	

Table 9A
Analytical Data Summary - Phase II MSWLF
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Phase II MSWLF and CWTS
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
GU-5	d	Acrylonitrile	107-13-1	ug/L	3/3/2011	10	n/a	ND	
GU-5	d	Benzene	71-43-2	ug/L	3/3/2011	0.5	n/a	ND	
GU-5	d	Bromochloromethane	74-97-5	ug/L	3/3/2011	5	n/a	ND	
GU-5	d	Bromodichloromethane	75-27-4	ug/L	3/3/2011	1	n/a	ND	
GU-5	d	Bromoform	75-25-2	ug/L	3/3/2011	5	n/a	ND	
GU-5	d	Carbon disulfide	75-15-0	ug/L	3/3/2011	1	n/a	ND	
GU-5	d	Carbon Tetrachloride	56-23-5	ug/L	3/3/2011	2	n/a	ND	
GU-5	d	Chlorobenzene	108-90-7	ug/L	3/3/2011	1	n/a	ND	
GU-5	d	Chloroethane	75-00-3	ug/L	3/3/2011	4	n/a	ND	
GU-5	d	Chloroform	67-66-3	ug/L	3/3/2011	1	n/a	ND	
GU-5	d	Chlorodibromomethane	124-48-1	ug/L	3/3/2011	5	n/a	ND	
GU-5	d	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	3/3/2011	0.12	n/a	ND	
GU-5	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	3/3/2011	0.13	n/a	ND	
GU-5	d	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	3/3/2011	10	n/a	ND	
GU-5	d	1,1-Dichloroethane	75-34-3	ug/L	3/3/2011	1	n/a	ND	
GU-5	d	1,2-Dichloroethane	107-06-2	ug/L	3/3/2011	1	n/a	ND	
GU-5	d	1,1-Dichloroethene	75-35-4	ug/L	3/3/2011	2	n/a	ND	
GU-5	d	cis-1,2-Dichloroethene	156-59-2	ug/L	3/3/2011	1	n/a	ND	
GU-5	d	trans-1,2-Dichloroethene	156-60-5	ug/L	3/3/2011	1	n/a	ND	
GU-5	d	1,2-Dichloropropane	78-87-5	ug/L	3/3/2011	1	n/a	ND	
GU-5	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	3/3/2011	5	n/a	ND	
GU-5	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	3/3/2011	5	n/a	ND	
GU-5	d	1,2-Dichlorobenzene	95-50-1	ug/L	3/3/2011	1	n/a	ND	
GU-5	d	1,4-Dichlorobenzene	106-46-7	ug/L	3/3/2011	1	n/a	ND	
GU-5	d	Ethylbenzene	100-41-4	ug/L	3/3/2011	1	n/a	ND	
GU-5	d	2-Hexanone	591-78-6	ug/L	3/3/2011	10	n/a	ND	
GU-5	d	Bromomethane	74-83-9	ug/L	3/3/2011	4	n/a	ND	
GU-5	d	Chloromethane	74-87-3	ug/L	3/3/2011	3	n/a	ND	
GU-5	d	2-Butanone	78-93-3	ug/L	3/3/2011	10	n/a	ND	
GU-5	d	Iodomethane	74-88-4	ug/L	3/3/2011	10	n/a	ND	
GU-5	d	4-Methyl-2-pentanone	108-10-1	ug/L	3/3/2011	10	n/a	ND	
GU-5	d	Methylene Bromide	74-95-3	ug/L	3/3/2011	1	n/a	ND	
GU-5	d	Methylene Chloride	75-09-2	ug/L	3/3/2011	5	n/a	ND	
GU-5	d	Styrene	100-42-5	ug/L	3/3/2011	1	n/a	ND	
GU-5	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	3/3/2011	1	n/a	ND	
GU-5	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	3/3/2011	1	n/a	ND	
GU-5	d	Tetrachloroethene	127-18-4	ug/L	3/3/2011	1	n/a	ND	
GU-5	d	Toluene	108-88-3	ug/L	3/3/2011	1	n/a	ND	
GU-5	d	1,1,1-Trichloroethane	71-55-6	ug/L	3/3/2011	1	n/a	ND	
GU-5	d	1,1,2-Trichloroethane	79-00-5	ug/L	3/3/2011	1	n/a	ND	
GU-5	d	Trichloroethene	79-01-6	ug/L	3/3/2011	1	n/a	ND	
GU-5	d	Trichlorofluoromethane	75-69-4	ug/L	3/3/2011	4	n/a	ND	
GU-5	d	1,2,3-Trichloropropane	96-18-4	ug/L	3/3/2011	1	n/a	ND	
GU-5	d	Vinyl acetate	108-05-4	ug/L	3/3/2011	2	n/a	ND	
GU-5	d	Vinyl chloride	75-01-4	ug/L	3/3/2011	1	n/a	ND	
GU-5	d	Xylenes, total	1330-20-7	ug/L	3/3/2011	3	n/a	ND	
GU-5BG	u	Antimony	7440-36-0	mg/L	3/3/2011	0.006	n/a	ND	
GU-5BG	u	Arsenic	7440-38-2	mg/L	3/3/2011	0.001	n/a	ND	
GU-5BG	u	Barium	7440-39-3	mg/L	3/3/2011	n/a	n/a		0.229
GU-5BG	u	Beryllium	7440-41-7	mg/L	3/3/2011	0.001	n/a	ND	
GU-5BG	u	Cadmium	7440-43-9	mg/L	3/3/2011	0.0005	n/a	ND	
GU-5BG	u	Chromium	7440-47-3	mg/L	3/3/2011	0.02	n/a	ND	
GU-5BG	u	Cobalt	7440-48-4	mg/L	3/3/2011	n/a	n/a		0.00285
GU-5BG	u	Copper	7440-50-8	mg/L	3/3/2011	0.02	n/a	ND	
GU-5BG	u	Lead	7439-92-1	mg/L	3/3/2011	0.004	n/a	ND	
GU-5BG	u	Nickel	7440-02-0	mg/L	3/3/2011	0.05	n/a	ND	
GU-5BG	u	Selenium	7782-49-2	mg/L	3/3/2011	0.005	n/a	ND	
GU-5BG	u	Silver	7440-22-4	mg/L	3/3/2011	0.02	n/a	ND	
GU-5BG	u	Thallium	7440-28-0	mg/L	3/3/2011	0.002	n/a	ND	
GU-5BG	u	Vanadium	7440-62-2	mg/L	3/3/2011	0.05	n/a	ND	
GU-5BG	u	Zinc	7440-66-6	mg/L	3/3/2011	0.02	n/a	ND	
GU-5BG	u	Acetone	67-64-1	ug/L	3/3/2011	10	n/a	ND	
GU-5BG	u	Acrylonitrile	107-13-1	ug/L	3/3/2011	10	n/a	ND	
GU-5BG	u	Benzene	71-43-2	ug/L	3/3/2011	0.5	n/a	ND	
GU-5BG	u	Bromochloromethane	74-97-5	ug/L	3/3/2011	5	n/a	ND	
GU-5BG	u	Bromodichloromethane	75-27-4	ug/L	3/3/2011	1	n/a	ND	
GU-5BG	u	Bromoform	75-25-2	ug/L	3/3/2011	5	n/a	ND	
GU-5BG	u	Carbon disulfide	75-15-0	ug/L	3/3/2011	1	n/a	ND	
GU-5BG	u	Carbon Tetrachloride	56-23-5	ug/L	3/3/2011	2	n/a	ND	
GU-5BG	u	Chlorobenzene	108-90-7	ug/L	3/3/2011	1	n/a	ND	
GU-5BG	u	Chloroethane	75-00-3	ug/L	3/3/2011	4	n/a	ND	
GU-5BG	u	Chloroform	67-66-3	ug/L	3/3/2011	1	n/a	ND	
GU-5BG	u	Chlorodibromomethane	124-48-1	ug/L	3/3/2011	5	n/a	ND	
GU-5BG	u	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	3/3/2011	0.12	n/a	ND	
GU-5BG	u	1,2-Dibromoethane [EDB]	106-93-4	ug/L	3/3/2011	0.13	n/a	ND	

Table 9A
Analytical Data Summary - Phase II MSWLF
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Phase II MSWLF and CWTS
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Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
GU-5BG	u	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	3/3/2011	10	n/a	ND	
GU-5BG	u	1,1-Dichloroethane	75-34-3	ug/L	3/3/2011	1	n/a	ND	
GU-5BG	u	1,2-Dichloroethane	107-06-2	ug/L	3/3/2011	1	n/a	ND	
GU-5BG	u	1,1-Dichloroethene	75-35-4	ug/L	3/3/2011	2	n/a	ND	
GU-5BG	u	cis-1,2-Dichloroethene	156-59-2	ug/L	3/3/2011	1	n/a	ND	
GU-5BG	u	trans-1,2-Dichloroethene	156-60-5	ug/L	3/3/2011	1	n/a	ND	
GU-5BG	u	1,2-Dichloropropane	78-87-5	ug/L	3/3/2011	1	n/a	ND	
GU-5BG	u	cis-1,3-Dichloropropene	10061-01-5	ug/L	3/3/2011	5	n/a	ND	
GU-5BG	u	trans-1,3-Dichloropropene	10061-02-6	ug/L	3/3/2011	5	n/a	ND	
GU-5BG	u	1,2-Dichlorobenzene	95-50-1	ug/L	3/3/2011	1	n/a	ND	
GU-5BG	u	1,4-Dichlorobenzene	106-46-7	ug/L	3/3/2011	1	n/a	ND	
GU-5BG	u	Ethylbenzene	100-41-4	ug/L	3/3/2011	1	n/a	ND	
GU-5BG	u	2-Hexanone	591-78-6	ug/L	3/3/2011	10	n/a	ND	
GU-5BG	u	Bromomethane	74-83-9	ug/L	3/3/2011	4	n/a	ND	
GU-5BG	u	Chloromethane	74-87-3	ug/L	3/3/2011	3	n/a	ND	
GU-5BG	u	2-Butanone	78-93-3	ug/L	3/3/2011	10	n/a	ND	
GU-5BG	u	Iodomethane	74-88-4	ug/L	3/3/2011	10	n/a	ND	
GU-5BG	u	4-Methyl-2-pentanone	108-10-1	ug/L	3/3/2011	10	n/a	ND	
GU-5BG	u	Methylene Bromide	74-95-3	ug/L	3/3/2011	1	n/a	ND	
GU-5BG	u	Methylene Chloride	75-09-2	ug/L	3/3/2011	5	n/a	ND	
GU-5BG	u	Styrene	100-42-5	ug/L	3/3/2011	1	n/a	ND	
GU-5BG	u	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	3/3/2011	1	n/a	ND	
GU-5BG	u	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	3/3/2011	1	n/a	ND	
GU-5BG	u	Tetrachloroethene	127-18-4	ug/L	3/3/2011	1	n/a	ND	
GU-5BG	u	Toluene	108-88-3	ug/L	3/3/2011	1	n/a	ND	
GU-5BG	u	1,1,1-Trichloroethane	71-55-6	ug/L	3/3/2011	1	n/a	ND	
GU-5BG	u	1,1,2-Trichloroethane	79-00-5	ug/L	3/3/2011	1	n/a	ND	
GU-5BG	u	Trichloroethene	79-01-6	ug/L	3/3/2011	1	n/a	ND	
GU-5BG	u	Trichlorofluoromethane	75-69-4	ug/L	3/3/2011	4	n/a	ND	
GU-5BG	u	1,2,3-Trichloropropane	96-18-4	ug/L	3/3/2011	1	n/a	ND	
GU-5BG	u	Vinyl acetate	108-05-4	ug/L	3/3/2011	2	n/a	ND	
GU-5BG	u	Vinyl chloride	75-01-4	ug/L	3/3/2011	1	n/a	ND	
GU-5BG	u	Xylenes, total	1330-20-7	ug/L	3/3/2011	3	n/a	ND	
MW-26	u	Antimony	7440-36-0	mg/L	3/3/2011	0.006	n/a	ND	
MW-26	u	Arsenic	7440-38-2	mg/L	3/3/2011	0.002	n/a	ND	
MW-26	u	Barium	7440-39-3	mg/L	3/3/2011	n/a	n/a		0.095
MW-26	u	Beryllium	7440-41-7	mg/L	3/3/2011	0.001	n/a	ND	
MW-26	u	Cadmium	7440-43-9	mg/L	3/3/2011	0.0005	n/a	ND	
MW-26	u	Chromium	7440-47-3	mg/L	3/3/2011	0.02	n/a	ND	
MW-26	u	Cobalt	7440-48-4	mg/L	3/3/2011	0.00155	n/a	ND	
MW-26	u	Copper	7440-50-8	mg/L	3/3/2011	0.02	n/a	ND	
MW-26	u	Lead	7439-92-1	mg/L	3/3/2011	0.004	n/a	ND	
MW-26	u	Nickel	7440-02-0	mg/L	3/3/2011	0.05	n/a	ND	
MW-26	u	Selenium	7782-49-2	mg/L	3/3/2011	n/a	n/a		0.0058
MW-26	u	Silver	7440-22-4	mg/L	3/3/2011	0.02	n/a	ND	
MW-26	u	Thallium	7440-28-0	mg/L	3/3/2011	0.004	n/a	ND	
MW-26	u	Vanadium	7440-62-2	mg/L	3/3/2011	0.05	n/a	ND	
MW-26	u	Zinc	7440-66-6	mg/L	3/3/2011	0.02	n/a	ND	
MW-B	d	Antimony	7440-36-0	mg/L	3/3/2011	0.006	n/a	ND	
MW-B	d	Antimony	7440-36-0	mg/L	3/3/2011	0.006	n/a	ND	
MW-B	d	Arsenic	7440-38-2	mg/L	3/3/2011	0.002	n/a	ND	
MW-B	d	Arsenic	7440-38-2	mg/L	3/3/2011	0.002	n/a	ND	
MW-B	d	Barium	7440-39-3	mg/L	3/3/2011	n/a	n/a		0.0608
MW-B	d	Barium	7440-39-3	mg/L	3/3/2011	n/a	n/a		0.0604
MW-B	d	Beryllium	7440-41-7	mg/L	3/3/2011	0.001	n/a	ND	
MW-B	d	Beryllium	7440-41-7	mg/L	3/3/2011	0.001	n/a	ND	
MW-B	d	Cadmium	7440-43-9	mg/L	3/3/2011	0.0005	n/a	ND	
MW-B	d	Cadmium	7440-43-9	mg/L	3/3/2011	0.0005	n/a	ND	
MW-B	d	Chromium	7440-47-3	mg/L	3/3/2011	0.02	n/a	ND	
MW-B	d	Chromium	7440-47-3	mg/L	3/3/2011	0.02	n/a	ND	
MW-B	d	Cobalt	7440-48-4	mg/L	3/3/2011	0.00155	n/a	ND	
MW-B	d	Cobalt	7440-48-4	mg/L	3/3/2011	0.00155	n/a	ND	
MW-B	d	Copper	7440-50-8	mg/L	3/3/2011	0.02	n/a	ND	
MW-B	d	Copper	7440-50-8	mg/L	3/3/2011	0.02	n/a	ND	
MW-B	d	Lead	7439-92-1	mg/L	3/3/2011	0.004	n/a	ND	
MW-B	d	Lead	7439-92-1	mg/L	3/3/2011	0.004	n/a	ND	
MW-B	d	Nickel	7440-02-0	mg/L	3/3/2011	0.05	n/a	ND	
MW-B	d	Nickel	7440-02-0	mg/L	3/3/2011	0.05	n/a	ND	
MW-B	d	Selenium	7782-49-2	mg/L	3/3/2011	0.005	n/a	ND	
MW-B	d	Selenium	7782-49-2	mg/L	3/3/2011	0.005	n/a	ND	
MW-B	d	Silver	7440-22-4	mg/L	3/3/2011	0.02	n/a	ND	
MW-B	d	Silver	7440-22-4	mg/L	3/3/2011	0.02	n/a	ND	
MW-B	d	Thallium	7440-28-0	mg/L	3/3/2011	0.002	n/a	ND	
MW-B	d	Thallium	7440-28-0	mg/L	3/3/2011	0.002	n/a	ND	
MW-B	d	Vanadium	7440-62-2	mg/L	3/3/2011	0.05	n/a	ND	

Table 9A
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Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-B	d	Vanadium	7440-62-2	mg/L	3/3/2011	0.05	n/a	ND	
MW-B	d	Zinc	7440-66-6	mg/L	3/3/2011	n/a	n/a		0.0438
MW-B	d	Zinc	7440-66-6	mg/L	3/3/2011	0.02	n/a	ND	
MW-B	d	Acetone	67-64-1	ug/L	3/3/2011	10	n/a	ND	
MW-B	d	Acetone	67-64-1	ug/L	3/3/2011	10	n/a	ND	
MW-B	d	Acrylonitrile	107-13-1	ug/L	3/3/2011	10	n/a	ND	
MW-B	d	Acrylonitrile	107-13-1	ug/L	3/3/2011	10	n/a	ND	
MW-B	d	Benzene	71-43-2	ug/L	3/3/2011	0.5	n/a	ND	
MW-B	d	Benzene	71-43-2	ug/L	3/3/2011	0.5	n/a	ND	
MW-B	d	Bromochloromethane	74-97-5	ug/L	3/3/2011	5	n/a	ND	
MW-B	d	Bromochloromethane	74-97-5	ug/L	3/3/2011	5	n/a	ND	
MW-B	d	Bromodichloromethane	75-27-4	ug/L	3/3/2011	1	n/a	ND	
MW-B	d	Bromodichloromethane	75-27-4	ug/L	3/3/2011	1	n/a	ND	
MW-B	d	Bromoform	75-25-2	ug/L	3/3/2011	5	n/a	ND	
MW-B	d	Bromoform	75-25-2	ug/L	3/3/2011	5	n/a	ND	
MW-B	d	Carbon disulfide	75-15-0	ug/L	3/3/2011	1	n/a	ND	
MW-B	d	Carbon disulfide	75-15-0	ug/L	3/3/2011	1	n/a	ND	
MW-B	d	Carbon Tetrachloride	56-23-5	ug/L	3/3/2011	2	n/a	ND	
MW-B	d	Carbon Tetrachloride	56-23-5	ug/L	3/3/2011	2	n/a	ND	
MW-B	d	Chlorobenzene	108-90-7	ug/L	3/3/2011	1	n/a	ND	
MW-B	d	Chlorobenzene	108-90-7	ug/L	3/3/2011	1	n/a	ND	
MW-B	d	Chloroethane	75-00-3	ug/L	3/3/2011	4	n/a	ND	
MW-B	d	Chloroethane	75-00-3	ug/L	3/3/2011	4	n/a	ND	
MW-B	d	Chloroform	67-66-3	ug/L	3/3/2011	1	n/a	ND	
MW-B	d	Chloroform	67-66-3	ug/L	3/3/2011	1	n/a	ND	
MW-B	d	Chlorodibromomethane	124-48-1	ug/L	3/3/2011	5	n/a	ND	
MW-B	d	Chlorodibromomethane	124-48-1	ug/L	3/3/2011	5	n/a	ND	
MW-B	d	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	3/3/2011	0.12	n/a	ND	
MW-B	d	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	3/3/2011	0.12	n/a	ND	
MW-B	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	3/3/2011	0.13	n/a	ND	
MW-B	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	3/3/2011	0.13	n/a	ND	
MW-B	d	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	3/3/2011	10	n/a	ND	
MW-B	d	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	3/3/2011	10	n/a	ND	
MW-B	d	1,1-Dichloroethane	75-34-3	ug/L	3/3/2011	1	n/a	ND	
MW-B	d	1,1-Dichloroethane	75-34-3	ug/L	3/3/2011	1	n/a	ND	
MW-B	d	1,2-Dichloroethane	107-06-2	ug/L	3/3/2011	1	n/a	ND	
MW-B	d	1,2-Dichloroethane	107-06-2	ug/L	3/3/2011	1	n/a	ND	
MW-B	d	1,1-Dichloroethene	75-35-4	ug/L	3/3/2011	2	n/a	ND	
MW-B	d	1,1-Dichloroethene	75-35-4	ug/L	3/3/2011	2	n/a	ND	
MW-B	d	cis-1,2-Dichloroethene	156-59-2	ug/L	3/3/2011	1	n/a	ND	
MW-B	d	cis-1,2-Dichloroethene	156-59-2	ug/L	3/3/2011	1	n/a	ND	
MW-B	d	trans-1,2-Dichloroethene	156-60-5	ug/L	3/3/2011	1	n/a	ND	
MW-B	d	trans-1,2-Dichloroethene	156-60-5	ug/L	3/3/2011	1	n/a	ND	
MW-B	d	1,2-Dichloropropane	78-87-5	ug/L	3/3/2011	1	n/a	ND	
MW-B	d	1,2-Dichloropropane	78-87-5	ug/L	3/3/2011	1	n/a	ND	
MW-B	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	3/3/2011	5	n/a	ND	
MW-B	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	3/3/2011	5	n/a	ND	
MW-B	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	3/3/2011	5	n/a	ND	
MW-B	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	3/3/2011	5	n/a	ND	
MW-B	d	1,2-Dichlorobenzene	95-50-1	ug/L	3/3/2011	1	n/a	ND	
MW-B	d	1,2-Dichlorobenzene	95-50-1	ug/L	3/3/2011	1	n/a	ND	
MW-B	d	1,4-Dichlorobenzene	106-46-7	ug/L	3/3/2011	1	n/a	ND	
MW-B	d	1,4-Dichlorobenzene	106-46-7	ug/L	3/3/2011	1	n/a	ND	
MW-B	d	Ethylbenzene	100-41-4	ug/L	3/3/2011	1	n/a	ND	
MW-B	d	Ethylbenzene	100-41-4	ug/L	3/3/2011	1	n/a	ND	
MW-B	d	2-Hexanone	591-78-6	ug/L	3/3/2011	10	n/a	ND	
MW-B	d	2-Hexanone	591-78-6	ug/L	3/3/2011	10	n/a	ND	
MW-B	d	Bromomethane	74-83-9	ug/L	3/3/2011	4	n/a	ND	
MW-B	d	Bromomethane	74-83-9	ug/L	3/3/2011	4	n/a	ND	
MW-B	d	Chloromethane	74-87-3	ug/L	3/3/2011	3	n/a	ND	
MW-B	d	Chloromethane	74-87-3	ug/L	3/3/2011	3	n/a	ND	
MW-B	d	2-Butanone	78-93-3	ug/L	3/3/2011	10	n/a	ND	
MW-B	d	2-Butanone	78-93-3	ug/L	3/3/2011	10	n/a	ND	
MW-B	d	Iodomethane	74-88-4	ug/L	3/3/2011	10	n/a	ND	
MW-B	d	Iodomethane	74-88-4	ug/L	3/3/2011	10	n/a	ND	
MW-B	d	4-Methyl-2-pentanone	108-10-1	ug/L	3/3/2011	10	n/a	ND	
MW-B	d	4-Methyl-2-pentanone	108-10-1	ug/L	3/3/2011	10	n/a	ND	
MW-B	d	Methylene Bromide	74-95-3	ug/L	3/3/2011	1	n/a	ND	
MW-B	d	Methylene Bromide	74-95-3	ug/L	3/3/2011	1	n/a	ND	
MW-B	d	Methylene Chloride	75-09-2	ug/L	3/3/2011	5	n/a	ND	
MW-B	d	Methylene Chloride	75-09-2	ug/L	3/3/2011	5	n/a	ND	
MW-B	d	Styrene	100-42-5	ug/L	3/3/2011	1	n/a	ND	
MW-B	d	Styrene	100-42-5	ug/L	3/3/2011	1	n/a	ND	
MW-B	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	3/3/2011	1	n/a	ND	
MW-B	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	3/3/2011	1	n/a	ND	

Table 9A
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Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-B	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	3/3/2011	1	n/a	ND	
MW-B	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	3/3/2011	1	n/a	ND	
MW-B	d	Tetrachloroethene	127-18-4	ug/L	3/3/2011	1	n/a	ND	
MW-B	d	Tetrachloroethene	127-18-4	ug/L	3/3/2011	1	n/a	ND	
MW-B	d	Toluene	108-88-3	ug/L	3/3/2011	1	n/a	ND	
MW-B	d	Toluene	108-88-3	ug/L	3/3/2011	1	n/a	ND	
MW-B	d	1,1,1-Trichloroethane	71-55-6	ug/L	3/3/2011	1	n/a	ND	
MW-B	d	1,1,1-Trichloroethane	71-55-6	ug/L	3/3/2011	1	n/a	ND	
MW-B	d	1,1,2-Trichloroethane	79-00-5	ug/L	3/3/2011	1	n/a	ND	
MW-B	d	1,1,2-Trichloroethane	79-00-5	ug/L	3/3/2011	1	n/a	ND	
MW-B	d	Trichloroethene	79-01-6	ug/L	3/3/2011	1	n/a	ND	
MW-B	d	Trichloroethene	79-01-6	ug/L	3/3/2011	1	n/a	ND	
MW-B	d	Trichlorofluoromethane	75-69-4	ug/L	3/3/2011	4	n/a	ND	
MW-B	d	Trichlorofluoromethane	75-69-4	ug/L	3/3/2011	4	n/a	ND	
MW-B	d	1,2,3-Trichloropropane	96-18-4	ug/L	3/3/2011	1	n/a	ND	
MW-B	d	1,2,3-Trichloropropane	96-18-4	ug/L	3/3/2011	1	n/a	ND	
MW-B	d	Vinyl acetate	108-05-4	ug/L	3/3/2011	2	n/a	ND	
MW-B	d	Vinyl acetate	108-05-4	ug/L	3/3/2011	2	n/a	ND	
MW-B	d	Vinyl chloride	75-01-4	ug/L	3/3/2011	1	n/a	ND	
MW-B	d	Vinyl chloride	75-01-4	ug/L	3/3/2011	1	n/a	ND	
MW-B	d	Xylenes, total	1330-20-7	ug/L	3/3/2011	3	n/a	ND	
MW-B	d	Xylenes, total	1330-20-7	ug/L	3/3/2011	3	n/a	ND	
MW-C	d	Antimony	7440-36-0	mg/L	3/3/2011	0.006	n/a	ND	
MW-C	d	Arsenic	7440-38-2	mg/L	3/3/2011	0.001	n/a	ND	
MW-C	d	Barium	7440-39-3	mg/L	3/3/2011	n/a	n/a		0.592
MW-C	d	Beryllium	7440-41-7	mg/L	3/3/2011	0.001	n/a	ND	
MW-C	d	Cadmium	7440-43-9	mg/L	3/3/2011	0.0005	n/a	ND	
MW-C	d	Chromium	7440-47-3	mg/L	3/3/2011	0.02	n/a	ND	
MW-C	d	Cobalt	7440-48-4	mg/L	3/3/2011	0.00155	n/a	ND	
MW-C	d	Copper	7440-50-8	mg/L	3/3/2011	0.02	n/a	ND	
MW-C	d	Lead	7439-92-1	mg/L	3/3/2011	0.004	n/a	ND	
MW-C	d	Nickel	7440-02-0	mg/L	3/3/2011	0.05	n/a	ND	
MW-C	d	Selenium	7782-49-2	mg/L	3/3/2011	0.005	n/a	ND	
MW-C	d	Silver	7440-22-4	mg/L	3/3/2011	0.02	n/a	ND	
MW-C	d	Thallium	7440-28-0	mg/L	3/3/2011	0.002	n/a	ND	
MW-C	d	Vanadium	7440-62-2	mg/L	3/3/2011	0.05	n/a	ND	
MW-C	d	Zinc	7440-66-6	mg/L	3/3/2011	0.02	n/a	ND	
MW-C	d	Acetone	67-64-1	ug/L	3/3/2011	10	n/a	ND	
MW-C	d	Acrylonitrile	107-13-1	ug/L	3/3/2011	10	n/a	ND	
MW-C	d	Benzene	71-43-2	ug/L	3/3/2011	0.5	n/a	ND	
MW-C	d	Bromochloromethane	74-97-5	ug/L	3/3/2011	5	n/a	ND	
MW-C	d	Bromodichloromethane	75-27-4	ug/L	3/3/2011	1	n/a	ND	
MW-C	d	Bromoform	75-25-2	ug/L	3/3/2011	5	n/a	ND	
MW-C	d	Carbon disulfide	75-15-0	ug/L	3/3/2011	1	n/a	ND	
MW-C	d	Carbon Tetrachloride	56-23-5	ug/L	3/3/2011	2	n/a	ND	
MW-C	d	Chlorobenzene	108-90-7	ug/L	3/3/2011	1	n/a	ND	
MW-C	d	Chloroethane	75-00-3	ug/L	3/3/2011	4	n/a	ND	
MW-C	d	Chloroform	67-66-3	ug/L	3/3/2011	1	n/a	ND	
MW-C	d	Chlorodibromomethane	124-48-1	ug/L	3/3/2011	5	n/a	ND	
MW-C	d	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	3/3/2011	0.12	n/a	ND	
MW-C	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	3/3/2011	0.13	n/a	ND	
MW-C	d	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	3/3/2011	10	n/a	ND	
MW-C	d	1,1-Dichloroethane	75-34-3	ug/L	3/3/2011	1	n/a	ND	
MW-C	d	1,2-Dichloroethane	107-06-2	ug/L	3/3/2011	1	n/a	ND	
MW-C	d	1,1-Dichloroethene	75-35-4	ug/L	3/3/2011	2	n/a	ND	
MW-C	d	cis-1,2-Dichloroethene	156-59-2	ug/L	3/3/2011	1	n/a	ND	
MW-C	d	trans-1,2-Dichloroethene	156-60-5	ug/L	3/3/2011	1	n/a	ND	
MW-C	d	1,2-Dichloropropane	78-87-5	ug/L	3/3/2011	1	n/a	ND	
MW-C	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	3/3/2011	5	n/a	ND	
MW-C	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	3/3/2011	5	n/a	ND	
MW-C	d	1,2-Dichlorobenzene	95-50-1	ug/L	3/3/2011	1	n/a	ND	
MW-C	d	1,4-Dichlorobenzene	106-46-7	ug/L	3/3/2011	1	n/a	ND	
MW-C	d	Ethylbenzene	100-41-4	ug/L	3/3/2011	1	n/a	ND	
MW-C	d	2-Hexanone	591-78-6	ug/L	3/3/2011	10	n/a	ND	
MW-C	d	Bromomethane	74-83-9	ug/L	3/3/2011	4	n/a	ND	
MW-C	d	Chloromethane	74-87-3	ug/L	3/3/2011	3	n/a	ND	
MW-C	d	2-Butanone	78-93-3	ug/L	3/3/2011	10	n/a	ND	
MW-C	d	Iodomethane	74-88-4	ug/L	3/3/2011	10	n/a	ND	
MW-C	d	4-Methyl-2-pentanone	108-10-1	ug/L	3/3/2011	10	n/a	ND	
MW-C	d	Methylene Bromide	74-95-3	ug/L	3/3/2011	1	n/a	ND	
MW-C	d	Methylene Chloride	75-09-2	ug/L	3/3/2011	5	n/a	ND	
MW-C	d	Styrene	100-42-5	ug/L	3/3/2011	1	n/a	ND	
MW-C	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	3/3/2011	1	n/a	ND	
MW-C	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	3/3/2011	1	n/a	ND	
MW-C	d	Tetrachloroethene	127-18-4	ug/L	3/3/2011	1	n/a	ND	

Table 9A
Analytical Data Summary - Phase II MSWLF
2024 Annual Water Quality Report
Phase II MSWLF and CWTS
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-C	d	Toluene	108-88-3	ug/L	3/3/2011	1	n/a	ND	
MW-C	d	1,1,1-Trichloroethane	71-55-6	ug/L	3/3/2011	1	n/a	ND	
MW-C	d	1,1,2-Trichloroethane	79-00-5	ug/L	3/3/2011	1	n/a	ND	
MW-C	d	Trichloroethene	79-01-6	ug/L	3/3/2011	1	n/a	ND	
MW-C	d	Trichlorofluoromethane	75-69-4	ug/L	3/3/2011	4	n/a	ND	
MW-C	d	1,2,3-Trichloropropane	96-18-4	ug/L	3/3/2011	1	n/a	ND	
MW-C	d	Vinyl acetate	108-05-4	ug/L	3/3/2011	2	n/a	ND	
MW-C	d	Vinyl chloride	75-01-4	ug/L	3/3/2011	1	n/a	ND	
MW-C	d	Xylenes, total	1330-20-7	ug/L	3/3/2011	3	n/a	ND	
MW-26	u	Cobalt	7440-48-4	mg/L	4/27/2011	0.00155	n/a	ND	
MW-C	d	Cobalt	7440-48-4	mg/L	4/27/2011	0.00155	n/a	ND	
GU-5	d	Antimony	7440-36-0	mg/L	5/31/2011	0.006	n/a	ND	
GU-5	d	Arsenic	7440-38-2	mg/L	5/31/2011	n/a	n/a		0.00125
GU-5	d	Barium	7440-39-3	mg/L	5/31/2011	n/a	n/a		0.222
GU-5	d	Beryllium	7440-41-7	mg/L	5/31/2011	0.001	n/a	ND	
GU-5	d	Cadmium	7440-43-9	mg/L	5/31/2011	0.0005	n/a	ND	
GU-5	d	Chromium	7440-47-3	mg/L	5/31/2011	0.02	n/a	ND	
GU-5	d	Cobalt	7440-48-4	mg/L	5/31/2011	n/a	n/a		0.00414
GU-5	d	Copper	7440-50-8	mg/L	5/31/2011	0.02	n/a	ND	
GU-5	d	Lead	7439-92-1	mg/L	5/31/2011	0.004	n/a	ND	
GU-5	d	Nickel	7440-02-0	mg/L	5/31/2011	0.05	n/a	ND	
GU-5	d	Selenium	7782-49-2	mg/L	5/31/2011	0.005	n/a	ND	
GU-5	d	Silver	7440-22-4	mg/L	5/31/2011	0.02	n/a	ND	
GU-5	d	Thallium	7440-28-0	mg/L	5/31/2011	0.002	n/a	ND	
GU-5	d	Vanadium	7440-62-2	mg/L	5/31/2011	0.05	n/a	ND	
GU-5	d	Zinc	7440-66-6	mg/L	5/31/2011	0.02	n/a	ND	
GU-5	d	Acetone	67-64-1	ug/L	5/31/2011	10	n/a	ND	
GU-5	d	Acrylonitrile	107-13-1	ug/L	5/31/2011	10	n/a	ND	
GU-5	d	Benzene	71-43-2	ug/L	5/31/2011	0.5	n/a	ND	
GU-5	d	Bromochloromethane	74-97-5	ug/L	5/31/2011	5	n/a	ND	
GU-5	d	Bromodichloromethane	75-27-4	ug/L	5/31/2011	1	n/a	ND	
GU-5	d	Bromoform	75-25-2	ug/L	5/31/2011	5	n/a	ND	
GU-5	d	Carbon disulfide	75-15-0	ug/L	5/31/2011	1	n/a	ND	
GU-5	d	Carbon Tetrachloride	56-23-5	ug/L	5/31/2011	2	n/a	ND	
GU-5	d	Chlorobenzene	108-90-7	ug/L	5/31/2011	1	n/a	ND	
GU-5	d	Chloroethane	75-00-3	ug/L	5/31/2011	4	n/a	ND	
GU-5	d	Chloroform	67-66-3	ug/L	5/31/2011	2	n/a	ND	
GU-5	d	Chlorodibromomethane	124-48-1	ug/L	5/31/2011	5	n/a	ND	
GU-5	d	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	5/31/2011	0.12	n/a	ND	
GU-5	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	5/31/2011	0.13	n/a	ND	
GU-5	d	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	5/31/2011	10	n/a	ND	
GU-5	d	1,1-Dichloroethane	75-34-3	ug/L	5/31/2011	1	n/a	ND	
GU-5	d	1,2-Dichloroethane	107-06-2	ug/L	5/31/2011	1	n/a	ND	
GU-5	d	1,1-Dichloroethene	75-35-4	ug/L	5/31/2011	2	n/a	ND	
GU-5	d	cis-1,2-Dichloroethene	156-59-2	ug/L	5/31/2011	1	n/a	ND	
GU-5	d	trans-1,2-Dichloroethene	156-60-5	ug/L	5/31/2011	1	n/a	ND	
GU-5	d	1,2-Dichloropropane	78-87-5	ug/L	5/31/2011	1	n/a	ND	
GU-5	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	5/31/2011	5	n/a	ND	
GU-5	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	5/31/2011	5	n/a	ND	
GU-5	d	1,2-Dichlorobenzene	95-50-1	ug/L	5/31/2011	2	n/a	ND	
GU-5	d	1,4-Dichlorobenzene	106-46-7	ug/L	5/31/2011	2	n/a	ND	
GU-5	d	Ethylbenzene	100-41-4	ug/L	5/31/2011	1	n/a	ND	
GU-5	d	2-Hexanone	591-78-6	ug/L	5/31/2011	10	n/a	ND	
GU-5	d	Bromomethane	74-83-9	ug/L	5/31/2011	4	n/a	ND	
GU-5	d	Chloromethane	74-87-3	ug/L	5/31/2011	3	n/a	ND	
GU-5	d	2-Butanone	78-93-3	ug/L	5/31/2011	10	n/a	ND	
GU-5	d	Iodomethane	74-88-4	ug/L	5/31/2011	20	n/a	ND	
GU-5	d	4-Methyl-2-pentanone	108-10-1	ug/L	5/31/2011	10	n/a	ND	
GU-5	d	Methylene Bromide	74-95-3	ug/L	5/31/2011	1	n/a	ND	
GU-5	d	Methylene Chloride	75-09-2	ug/L	5/31/2011	10	n/a	ND	
GU-5	d	Styrene	100-42-5	ug/L	5/31/2011	1	n/a	ND	
GU-5	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	5/31/2011	2	n/a	ND	
GU-5	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	5/31/2011	2	n/a	ND	
GU-5	d	Tetrachloroethene	127-18-4	ug/L	5/31/2011	1	n/a	ND	
GU-5	d	Toluene	108-88-3	ug/L	5/31/2011	1	n/a	ND	
GU-5	d	1,1,1-Trichloroethane	71-55-6	ug/L	5/31/2011	1	n/a	ND	
GU-5	d	1,1,2-Trichloroethane	79-00-5	ug/L	5/31/2011	1	n/a	ND	
GU-5	d	Trichloroethene	79-01-6	ug/L	5/31/2011	1	n/a	ND	
GU-5	d	Trichlorofluoromethane	75-69-4	ug/L	5/31/2011	4	n/a	ND	
GU-5	d	1,2,3-Trichloropropane	96-18-4	ug/L	5/31/2011	2	n/a	ND	
GU-5	d	Vinyl acetate	108-05-4	ug/L	5/31/2011	2	n/a	ND	
GU-5	d	Vinyl chloride	75-01-4	ug/L	5/31/2011	1	n/a	ND	
GU-5	d	Xylenes, total	1330-20-7	ug/L	5/31/2011	3	n/a	ND	
GU-5BG	u	Antimony	7440-36-0	mg/L	5/31/2011	0.006	n/a	ND	
GU-5BG	u	Arsenic	7440-38-2	mg/L	5/31/2011	n/a	n/a		0.00125

Table 9A
Analytical Data Summary - Phase II MSWLF
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Phase II MSWLF and CWTS
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
GU-5BG	u	Barium	7440-39-3	mg/L	5/31/2011	n/a	n/a		0.222
GU-5BG	u	Beryllium	7440-41-7	mg/L	5/31/2011	0.001	n/a	ND	
GU-5BG	u	Cadmium	7440-43-9	mg/L	5/31/2011	0.0005	n/a	ND	
GU-5BG	u	Chromium	7440-47-3	mg/L	5/31/2011	0.02	n/a	ND	
GU-5BG	u	Cobalt	7440-48-4	mg/L	5/31/2011	n/a	n/a		0.00414
GU-5BG	u	Copper	7440-50-8	mg/L	5/31/2011	0.02	n/a	ND	
GU-5BG	u	Lead	7439-92-1	mg/L	5/31/2011	0.004	n/a	ND	
GU-5BG	u	Nickel	7440-02-0	mg/L	5/31/2011	0.05	n/a	ND	
GU-5BG	u	Selenium	7782-49-2	mg/L	5/31/2011	0.005	n/a	ND	
GU-5BG	u	Silver	7440-22-4	mg/L	5/31/2011	0.02	n/a	ND	
GU-5BG	u	Thallium	7440-28-0	mg/L	5/31/2011	0.002	n/a	ND	
GU-5BG	u	Vanadium	7440-62-2	mg/L	5/31/2011	0.05	n/a	ND	
GU-5BG	u	Zinc	7440-66-6	mg/L	5/31/2011	0.02	n/a	ND	
GU-5BG	u	Acetone	67-64-1	ug/L	5/31/2011	10	n/a	ND	
GU-5BG	u	Acrylonitrile	107-13-1	ug/L	5/31/2011	10	n/a	ND	
GU-5BG	u	Benzene	71-43-2	ug/L	5/31/2011	0.5	n/a	ND	
GU-5BG	u	Bromochloromethane	74-97-5	ug/L	5/31/2011	5	n/a	ND	
GU-5BG	u	Bromodichloromethane	75-27-4	ug/L	5/31/2011	1	n/a	ND	
GU-5BG	u	Bromoform	75-25-2	ug/L	5/31/2011	5	n/a	ND	
GU-5BG	u	Carbon disulfide	75-15-0	ug/L	5/31/2011	1	n/a	ND	
GU-5BG	u	Carbon Tetrachloride	56-23-5	ug/L	5/31/2011	2	n/a	ND	
GU-5BG	u	Chlorobenzene	108-90-7	ug/L	5/31/2011	1	n/a	ND	
GU-5BG	u	Chloroethane	75-00-3	ug/L	5/31/2011	4	n/a	ND	
GU-5BG	u	Chloroform	67-66-3	ug/L	5/31/2011	2	n/a	ND	
GU-5BG	u	Chlorodibromomethane	124-48-1	ug/L	5/31/2011	5	n/a	ND	
GU-5BG	u	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	5/31/2011	0.12	n/a	ND	
GU-5BG	u	1,2-Dibromoethane [EDB]	106-93-4	ug/L	5/31/2011	0.13	n/a	ND	
GU-5BG	u	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	5/31/2011	10	n/a	ND	
GU-5BG	u	1,1-Dichloroethane	75-34-3	ug/L	5/31/2011	1	n/a	ND	
GU-5BG	u	1,2-Dichloroethane	107-06-2	ug/L	5/31/2011	1	n/a	ND	
GU-5BG	u	1,1-Dichloroethene	75-35-4	ug/L	5/31/2011	2	n/a	ND	
GU-5BG	u	cis-1,2-Dichloroethene	156-59-2	ug/L	5/31/2011	1	n/a	ND	
GU-5BG	u	trans-1,2-Dichloroethene	156-60-5	ug/L	5/31/2011	1	n/a	ND	
GU-5BG	u	1,2-Dichloropropane	78-87-5	ug/L	5/31/2011	1	n/a	ND	
GU-5BG	u	cis-1,3-Dichloropropene	10061-01-5	ug/L	5/31/2011	5	n/a	ND	
GU-5BG	u	trans-1,3-Dichloropropene	10061-02-6	ug/L	5/31/2011	5	n/a	ND	
GU-5BG	u	1,2-Dichlorobenzene	95-50-1	ug/L	5/31/2011	2	n/a	ND	
GU-5BG	u	1,4-Dichlorobenzene	106-46-7	ug/L	5/31/2011	2	n/a	ND	
GU-5BG	u	Ethylbenzene	100-41-4	ug/L	5/31/2011	1	n/a	ND	
GU-5BG	u	2-Hexanone	591-78-6	ug/L	5/31/2011	10	n/a	ND	
GU-5BG	u	Bromomethane	74-83-9	ug/L	5/31/2011	4	n/a	ND	
GU-5BG	u	Chloromethane	74-87-3	ug/L	5/31/2011	3	n/a	ND	
GU-5BG	u	2-Butanone	78-93-3	ug/L	5/31/2011	10	n/a	ND	
GU-5BG	u	Iodomethane	74-88-4	ug/L	5/31/2011	20	n/a	ND	
GU-5BG	u	4-Methyl-2-pentanone	108-10-1	ug/L	5/31/2011	10	n/a	ND	
GU-5BG	u	Methylene Bromide	74-95-3	ug/L	5/31/2011	1	n/a	ND	
GU-5BG	u	Methylene Chloride	75-09-2	ug/L	5/31/2011	10	n/a	ND	
GU-5BG	u	Styrene	100-42-5	ug/L	5/31/2011	1	n/a	ND	
GU-5BG	u	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	5/31/2011	2	n/a	ND	
GU-5BG	u	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	5/31/2011	2	n/a	ND	
GU-5BG	u	Tetrachloroethene	127-18-4	ug/L	5/31/2011	1	n/a	ND	
GU-5BG	u	Toluene	108-88-3	ug/L	5/31/2011	1	n/a	ND	
GU-5BG	u	1,1,1-Trichloroethane	71-55-6	ug/L	5/31/2011	1	n/a	ND	
GU-5BG	u	1,1,2-Trichloroethane	79-00-5	ug/L	5/31/2011	1	n/a	ND	
GU-5BG	u	Trichloroethene	79-01-6	ug/L	5/31/2011	1	n/a	ND	
GU-5BG	u	Trichlorofluoromethane	75-69-4	ug/L	5/31/2011	4	n/a	ND	
GU-5BG	u	1,2,3-Trichloropropane	96-18-4	ug/L	5/31/2011	2	n/a	ND	
GU-5BG	u	Vinyl acetate	108-05-4	ug/L	5/31/2011	2	n/a	ND	
GU-5BG	u	Vinyl chloride	75-01-4	ug/L	5/31/2011	1	n/a	ND	
GU-5BG	u	Xylenes, total	1330-20-7	ug/L	5/31/2011	3	n/a	ND	
MW-C	d	Antimony	7440-36-0	mg/L	5/31/2011	0.006	n/a	ND	
MW-C	d	Arsenic	7440-38-2	mg/L	5/31/2011	0.001	n/a	ND	
MW-C	d	Barium	7440-39-3	mg/L	5/31/2011	n/a	n/a		0.532
MW-C	d	Beryllium	7440-41-7	mg/L	5/31/2011	0.001	n/a	ND	
MW-C	d	Cadmium	7440-43-9	mg/L	5/31/2011	0.0005	n/a	ND	
MW-C	d	Chromium	7440-47-3	mg/L	5/31/2011	0.02	n/a	ND	
MW-C	d	Cobalt	7440-48-4	mg/L	5/31/2011	0.00155	n/a	ND	
MW-C	d	Copper	7440-50-8	mg/L	5/31/2011	0.02	n/a	ND	
MW-C	d	Lead	7439-92-1	mg/L	5/31/2011	0.004	n/a	ND	
MW-C	d	Nickel	7440-02-0	mg/L	5/31/2011	0.05	n/a	ND	
MW-C	d	Selenium	7782-49-2	mg/L	5/31/2011	0.005	n/a	ND	
MW-C	d	Silver	7440-22-4	mg/L	5/31/2011	0.02	n/a	ND	
MW-C	d	Thallium	7440-28-0	mg/L	5/31/2011	0.002	n/a	ND	
MW-C	d	Vanadium	7440-62-2	mg/L	5/31/2011	0.05	n/a	ND	
MW-C	d	Zinc	7440-66-6	mg/L	5/31/2011	0.02	n/a	ND	

Table 9A
Analytical Data Summary - Phase II MSWLF
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Phase II MSWLF and CWTS
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-C	d	Acetone	67-64-1	ug/L	5/31/2011	10	n/a	ND	
MW-C	d	Acrylonitrile	107-13-1	ug/L	5/31/2011	10	n/a	ND	
MW-C	d	Benzene	71-43-2	ug/L	5/31/2011	0.5	n/a	ND	
MW-C	d	Bromochloromethane	74-97-5	ug/L	5/31/2011	5	n/a	ND	
MW-C	d	Bromodichloromethane	75-27-4	ug/L	5/31/2011	1	n/a	ND	
MW-C	d	Bromoform	75-25-2	ug/L	5/31/2011	5	n/a	ND	
MW-C	d	Carbon disulfide	75-15-0	ug/L	5/31/2011	2	n/a	ND	
MW-C	d	Carbon Tetrachloride	56-23-5	ug/L	5/31/2011	2	n/a	ND	
MW-C	d	Chlorobenzene	108-90-7	ug/L	5/31/2011	1	n/a	ND	
MW-C	d	Chloroethane	75-00-3	ug/L	5/31/2011	4	n/a	ND	
MW-C	d	Chloroform	67-66-3	ug/L	5/31/2011	2	n/a	ND	
MW-C	d	Chlorodibromomethane	124-48-1	ug/L	5/31/2011	5	n/a	ND	
MW-C	d	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	5/31/2011	0.12	n/a	ND	
MW-C	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	5/31/2011	0.13	n/a	ND	
MW-C	d	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	5/31/2011	10	n/a	ND	
MW-C	d	1,1-Dichloroethane	75-34-3	ug/L	5/31/2011	1	n/a	ND	
MW-C	d	1,2-Dichloroethane	107-06-2	ug/L	5/31/2011	1	n/a	ND	
MW-C	d	1,1-Dichloroethene	75-35-4	ug/L	5/31/2011	2	n/a	ND	
MW-C	d	cis-1,2-Dichloroethene	156-59-2	ug/L	5/31/2011	1	n/a	ND	
MW-C	d	trans-1,2-Dichloroethene	156-60-5	ug/L	5/31/2011	1	n/a	ND	
MW-C	d	1,2-Dichloropropane	78-87-5	ug/L	5/31/2011	1	n/a	ND	
MW-C	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	5/31/2011	5	n/a	ND	
MW-C	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	5/31/2011	5	n/a	ND	
MW-C	d	1,2-Dichlorobenzene	95-50-1	ug/L	5/31/2011	2	n/a	ND	
MW-C	d	1,4-Dichlorobenzene	106-46-7	ug/L	5/31/2011	2	n/a	ND	
MW-C	d	Ethylbenzene	100-41-4	ug/L	5/31/2011	1	n/a	ND	
MW-C	d	2-Hexanone	591-78-6	ug/L	5/31/2011	10	n/a	ND	
MW-C	d	Bromomethane	74-83-9	ug/L	5/31/2011	10	n/a	ND	
MW-C	d	Chloromethane	74-87-3	ug/L	5/31/2011	3	n/a	ND	
MW-C	d	2-Butanone	78-93-3	ug/L	5/31/2011	10	n/a	ND	
MW-C	d	Iodomethane	74-88-4	ug/L	5/31/2011	20	n/a	ND	
MW-C	d	4-Methyl-2-pentanone	108-10-1	ug/L	5/31/2011	10	n/a	ND	
MW-C	d	Methylene Bromide	74-95-3	ug/L	5/31/2011	1	n/a	ND	
MW-C	d	Methylene Chloride	75-09-2	ug/L	5/31/2011	10	n/a	ND	
MW-C	d	Styrene	100-42-5	ug/L	5/31/2011	1	n/a	ND	
MW-C	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	5/31/2011	2	n/a	ND	
MW-C	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	5/31/2011	2	n/a	ND	
MW-C	d	Tetrachloroethene	127-18-4	ug/L	5/31/2011	1	n/a	ND	
MW-C	d	Toluene	108-88-3	ug/L	5/31/2011	1	n/a	ND	
MW-C	d	1,1,1-Trichloroethane	71-55-6	ug/L	5/31/2011	1	n/a	ND	
MW-C	d	1,1,2-Trichloroethane	79-00-5	ug/L	5/31/2011	1	n/a	ND	
MW-C	d	Trichloroethene	79-01-6	ug/L	5/31/2011	1	n/a	ND	
MW-C	d	Trichlorofluoromethane	75-69-4	ug/L	5/31/2011	4	n/a	ND	
MW-C	d	1,2,3-Trichloropropane	96-18-4	ug/L	5/31/2011	2	n/a	ND	
MW-C	d	Vinyl acetate	108-05-4	ug/L	5/31/2011	2	n/a	ND	
MW-C	d	Vinyl chloride	75-01-4	ug/L	5/31/2011	1	n/a	ND	
MW-C	d	Xylenes, total	1330-20-7	ug/L	5/31/2011	3	n/a	ND	
MW-26	u	Cobalt	7440-48-4	mg/L	7/22/2011	0.00155	n/a	ND	
MW-C	d	Antimony	7440-36-0	mg/L	7/22/2011	0.006	n/a	ND	
MW-C	d	Arsenic	7440-38-2	mg/L	7/22/2011	0.001	n/a	ND	
MW-C	d	Barium	7440-39-3	mg/L	7/22/2011	n/a	n/a		0.555
MW-C	d	Beryllium	7440-41-7	mg/L	7/22/2011	0.001	n/a	ND	
MW-C	d	Cadmium	7440-43-9	mg/L	7/22/2011	0.0005	n/a	ND	
MW-C	d	Chromium	7440-47-3	mg/L	7/22/2011	0.02	n/a	ND	
MW-C	d	Cobalt	7440-48-4	mg/L	7/22/2011	0.00155	n/a	ND	
MW-C	d	Copper	7440-50-8	mg/L	7/22/2011	0.02	n/a	ND	
MW-C	d	Lead	7439-92-1	mg/L	7/22/2011	0.004	n/a	ND	
MW-C	d	Nickel	7440-02-0	mg/L	7/22/2011	0.05	n/a	ND	
MW-C	d	Selenium	7782-49-2	mg/L	7/22/2011	0.005	n/a	ND	
MW-C	d	Silver	7440-22-4	mg/L	7/22/2011	0.02	n/a	ND	
MW-C	d	Thallium	7440-28-0	mg/L	7/22/2011	0.002	n/a	ND	
MW-C	d	Vanadium	7440-62-2	mg/L	7/22/2011	0.05	n/a	ND	
MW-C	d	Zinc	7440-66-6	mg/L	7/22/2011	0.02	n/a	ND	
MW-C	d	Acetone	67-64-1	ug/L	7/22/2011	10	n/a	ND	
MW-C	d	Acrylonitrile	107-13-1	ug/L	7/22/2011	10	n/a	ND	
MW-C	d	Benzene	71-43-2	ug/L	7/22/2011	0.5	n/a	ND	
MW-C	d	Bromochloromethane	74-97-5	ug/L	7/22/2011	5	n/a	ND	
MW-C	d	Bromodichloromethane	75-27-4	ug/L	7/22/2011	1	n/a	ND	
MW-C	d	Bromoform	75-25-2	ug/L	7/22/2011	5	n/a	ND	
MW-C	d	Carbon disulfide	75-15-0	ug/L	7/22/2011	1	n/a	ND	
MW-C	d	Carbon Tetrachloride	56-23-5	ug/L	7/22/2011	2	n/a	ND	
MW-C	d	Chlorobenzene	108-90-7	ug/L	7/22/2011	1	n/a	ND	
MW-C	d	Chloroethane	75-00-3	ug/L	7/22/2011	4	n/a	ND	
MW-C	d	Chloroform	67-66-3	ug/L	7/22/2011	1	n/a	ND	
MW-C	d	Chlorodibromomethane	124-48-1	ug/L	7/22/2011	5	n/a	ND	

Table 9A
Analytical Data Summary - Phase II MSWLF
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Phase II MSWLF and CWTS
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-C	d	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	7/22/2011	0.12	n/a	ND	
MW-C	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	7/22/2011	0.13	n/a	ND	
MW-C	d	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	7/22/2011	10	n/a	ND	
MW-C	d	1,1-Dichloroethane	75-34-3	ug/L	7/22/2011	1	n/a	ND	
MW-C	d	1,2-Dichloroethane	107-06-2	ug/L	7/22/2011	1	n/a	ND	
MW-C	d	1,1-Dichloroethene	75-35-4	ug/L	7/22/2011	2	n/a	ND	
MW-C	d	cis-1,2-Dichloroethene	156-59-2	ug/L	7/22/2011	1	n/a	ND	
MW-C	d	trans-1,2-Dichloroethene	156-60-5	ug/L	7/22/2011	1	n/a	ND	
MW-C	d	1,2-Dichloropropane	78-87-5	ug/L	7/22/2011	1	n/a	ND	
MW-C	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	7/22/2011	5	n/a	ND	
MW-C	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	7/22/2011	5	n/a	ND	
MW-C	d	1,2-Dichlorobenzene	95-50-1	ug/L	7/22/2011	1	n/a	ND	
MW-C	d	1,4-Dichlorobenzene	106-46-7	ug/L	7/22/2011	1	n/a	ND	
MW-C	d	Ethylbenzene	100-41-4	ug/L	7/22/2011	1	n/a	ND	
MW-C	d	2-Hexanone	591-78-6	ug/L	7/22/2011	10	n/a	ND	
MW-C	d	Bromomethane	74-83-9	ug/L	7/22/2011	4	n/a	ND	
MW-C	d	Chloromethane	74-87-3	ug/L	7/22/2011	3	n/a	ND	
MW-C	d	2-Butanone	78-93-3	ug/L	7/22/2011	10	n/a	ND	
MW-C	d	Iodomethane	74-88-4	ug/L	7/22/2011	10	n/a	ND	
MW-C	d	4-Methyl-2-pentanone	108-10-1	ug/L	7/22/2011	10	n/a	ND	
MW-C	d	Methylene Bromide	74-95-3	ug/L	7/22/2011	1	n/a	ND	
MW-C	d	Methylene Chloride	75-09-2	ug/L	7/22/2011	5	n/a	ND	
MW-C	d	Styrene	100-42-5	ug/L	7/22/2011	1	n/a	ND	
MW-C	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	7/22/2011	1	n/a	ND	
MW-C	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	7/22/2011	1	n/a	ND	
MW-C	d	Tetrachloroethene	127-18-4	ug/L	7/22/2011	1	n/a	ND	
MW-C	d	Toluene	108-88-3	ug/L	7/22/2011	1	n/a	ND	
MW-C	d	1,1,1-Trichloroethane	71-55-6	ug/L	7/22/2011	1	n/a	ND	
MW-C	d	1,1,2-Trichloroethane	79-00-5	ug/L	7/22/2011	1	n/a	ND	
MW-C	d	Trichloroethene	79-01-6	ug/L	7/22/2011	1	n/a	ND	
MW-C	d	Trichlorofluoromethane	75-69-4	ug/L	7/22/2011	4	n/a	ND	
MW-C	d	1,2,3-Trichloropropane	96-18-4	ug/L	7/22/2011	1	n/a	ND	
MW-C	d	Vinyl acetate	108-05-4	ug/L	7/22/2011	2	n/a	ND	
MW-C	d	Vinyl chloride	75-01-4	ug/L	7/22/2011	1	n/a	ND	
MW-C	d	Xylenes, total	1330-20-7	ug/L	7/22/2011	3	n/a	ND	
GU-3	d	Antimony	7440-36-0	mg/L	9/12/2011	0.006	n/a	ND	
GU-3	d	Arsenic	7440-38-2	mg/L	9/12/2011	0.001	n/a	ND	
GU-3	d	Barium	7440-39-3	mg/L	9/12/2011	n/a	n/a		0.169
GU-3	d	Beryllium	7440-41-7	mg/L	9/12/2011	0.001	n/a	ND	
GU-3	d	Cadmium	7440-43-9	mg/L	9/12/2011	0.0005	n/a	ND	
GU-3	d	Chromium	7440-47-3	mg/L	9/12/2011	0.02	n/a	ND	
GU-3	d	Cobalt	7440-48-4	mg/L	9/12/2011	0.00155	n/a	ND	
GU-3	d	Copper	7440-50-8	mg/L	9/12/2011	0.02	n/a	ND	
GU-3	d	Lead	7439-92-1	mg/L	9/12/2011	0.004	n/a	ND	
GU-3	d	Nickel	7440-02-0	mg/L	9/12/2011	0.05	n/a	ND	
GU-3	d	Selenium	7782-49-2	mg/L	9/12/2011	0.005	n/a	ND	
GU-3	d	Silver	7440-22-4	mg/L	9/12/2011	0.02	n/a	ND	
GU-3	d	Thallium	7440-28-0	mg/L	9/12/2011	0.002	n/a	ND	
GU-3	d	Vanadium	7440-62-2	mg/L	9/12/2011	0.05	n/a	ND	
GU-3	d	Zinc	7440-66-6	mg/L	9/12/2011	0.02	n/a	ND	
GU-3	d	Acetone	67-64-1	ug/L	9/12/2011	10	n/a	ND	
GU-3	d	Acrylonitrile	107-13-1	ug/L	9/12/2011	10	n/a	ND	
GU-3	d	Benzene	71-43-2	ug/L	9/12/2011	0.5	n/a	ND	
GU-3	d	Bromochloromethane	74-97-5	ug/L	9/12/2011	5	n/a	ND	
GU-3	d	Bromodichloromethane	75-27-4	ug/L	9/12/2011	1	n/a	ND	
GU-3	d	Bromoform	75-25-2	ug/L	9/12/2011	5	n/a	ND	
GU-3	d	Carbon disulfide	75-15-0	ug/L	9/12/2011	1	n/a	ND	
GU-3	d	Carbon Tetrachloride	56-23-5	ug/L	9/12/2011	2	n/a	ND	
GU-3	d	Chlorobenzene	108-90-7	ug/L	9/12/2011	1	n/a	ND	
GU-3	d	Chloroethane	75-00-3	ug/L	9/12/2011	4	n/a	ND	
GU-3	d	Chloroform	67-66-3	ug/L	9/12/2011	1	n/a	ND	
GU-3	d	Chlorodibromomethane	124-48-1	ug/L	9/12/2011	5	n/a	ND	
GU-3	d	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	9/12/2011	0.12	n/a	ND	
GU-3	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	9/12/2011	0.13	n/a	ND	
GU-3	d	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	9/12/2011	10	n/a	ND	
GU-3	d	1,1-Dichloroethane	75-34-3	ug/L	9/12/2011	1	n/a	ND	
GU-3	d	1,2-Dichloroethane	107-06-2	ug/L	9/12/2011	1	n/a	ND	
GU-3	d	1,1-Dichloroethene	75-35-4	ug/L	9/12/2011	2	n/a	ND	
GU-3	d	cis-1,2-Dichloroethene	156-59-2	ug/L	9/12/2011	1	n/a	ND	
GU-3	d	trans-1,2-Dichloroethene	156-60-5	ug/L	9/12/2011	1	n/a	ND	
GU-3	d	1,2-Dichloropropane	78-87-5	ug/L	9/12/2011	1	n/a	ND	
GU-3	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	9/12/2011	5	n/a	ND	
GU-3	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	9/12/2011	5	n/a	ND	
GU-3	d	1,2-Dichlorobenzene	95-50-1	ug/L	9/12/2011	1	n/a	ND	
GU-3	d	1,4-Dichlorobenzene	106-46-7	ug/L	9/12/2011	1	n/a	ND	

Table 9A
Analytical Data Summary - Phase II MSWLF
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Phase II MSWLF and CWTS
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Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
GU-3	d	Ethylbenzene	100-41-4	ug/L	9/12/2011	1	n/a	ND	
GU-3	d	2-Hexanone	591-78-6	ug/L	9/12/2011	10	n/a	ND	
GU-3	d	Bromomethane	74-83-9	ug/L	9/12/2011	4	n/a	ND	
GU-3	d	Chloromethane	74-87-3	ug/L	9/12/2011	3	n/a	ND	
GU-3	d	2-Butanone	78-93-3	ug/L	9/12/2011	10	n/a	ND	
GU-3	d	Iodomethane	74-88-4	ug/L	9/12/2011	50	n/a	ND	
GU-3	d	4-Methyl-2-pentanone	108-10-1	ug/L	9/12/2011	10	n/a	ND	
GU-3	d	Methylene Bromide	74-95-3	ug/L	9/12/2011	1	n/a	ND	
GU-3	d	Methylene Chloride	75-09-2	ug/L	9/12/2011	5	n/a	ND	
GU-3	d	Styrene	100-42-5	ug/L	9/12/2011	1	n/a	ND	
GU-3	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	9/12/2011	1	n/a	ND	
GU-3	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	9/12/2011	1	n/a	ND	
GU-3	d	Tetrachloroethene	127-18-4	ug/L	9/12/2011	1	n/a	ND	
GU-3	d	Toluene	108-88-3	ug/L	9/12/2011	1	n/a	ND	
GU-3	d	1,1,1-Trichloroethane	71-55-6	ug/L	9/12/2011	1	n/a	ND	
GU-3	d	1,1,2-Trichloroethane	79-00-5	ug/L	9/12/2011	1	n/a	ND	
GU-3	d	Trichloroethene	79-01-6	ug/L	9/12/2011	1	n/a	ND	
GU-3	d	Trichlorofluoromethane	75-69-4	ug/L	9/12/2011	4	n/a	ND	
GU-3	d	1,2,3-Trichloropropane	96-18-4	ug/L	9/12/2011	1	n/a	ND	
GU-3	d	Vinyl acetate	108-05-4	ug/L	9/12/2011	2	n/a	ND	
GU-3	d	Vinyl chloride	75-01-4	ug/L	9/12/2011	1	n/a	ND	
GU-3	d	Xylenes, total	1330-20-7	ug/L	9/12/2011	3	n/a	ND	
GU-3BG	u	Antimony	7440-36-0	mg/L	9/12/2011	0.006	n/a	ND	
GU-3BG	u	Arsenic	7440-38-2	mg/L	9/12/2011	0.001	n/a	ND	
GU-3BG	u	Barium	7440-39-3	mg/L	9/12/2011	n/a	n/a		0.169
GU-3BG	u	Beryllium	7440-41-7	mg/L	9/12/2011	0.001	n/a	ND	
GU-3BG	u	Cadmium	7440-43-9	mg/L	9/12/2011	0.0005	n/a	ND	
GU-3BG	u	Chromium	7440-47-3	mg/L	9/12/2011	0.02	n/a	ND	
GU-3BG	u	Cobalt	7440-48-4	mg/L	9/12/2011	0.00155	n/a	ND	
GU-3BG	u	Copper	7440-50-8	mg/L	9/12/2011	0.02	n/a	ND	
GU-3BG	u	Lead	7439-92-1	mg/L	9/12/2011	0.004	n/a	ND	
GU-3BG	u	Nickel	7440-02-0	mg/L	9/12/2011	0.05	n/a	ND	
GU-3BG	u	Selenium	7782-49-2	mg/L	9/12/2011	0.005	n/a	ND	
GU-3BG	u	Silver	7440-22-4	mg/L	9/12/2011	0.02	n/a	ND	
GU-3BG	u	Thallium	7440-28-0	mg/L	9/12/2011	0.002	n/a	ND	
GU-3BG	u	Vanadium	7440-62-2	mg/L	9/12/2011	0.05	n/a	ND	
GU-3BG	u	Zinc	7440-66-6	mg/L	9/12/2011	0.02	n/a	ND	
GU-3BG	u	Acetone	67-64-1	ug/L	9/12/2011	10	n/a	ND	
GU-3BG	u	Acrylonitrile	107-13-1	ug/L	9/12/2011	10	n/a	ND	
GU-3BG	u	Benzene	71-43-2	ug/L	9/12/2011	0.5	n/a	ND	
GU-3BG	u	Bromochloromethane	74-97-5	ug/L	9/12/2011	5	n/a	ND	
GU-3BG	u	Bromodichloromethane	75-27-4	ug/L	9/12/2011	1	n/a	ND	
GU-3BG	u	Bromoform	75-25-2	ug/L	9/12/2011	5	n/a	ND	
GU-3BG	u	Carbon disulfide	75-15-0	ug/L	9/12/2011	1	n/a	ND	
GU-3BG	u	Carbon Tetrachloride	56-23-5	ug/L	9/12/2011	2	n/a	ND	
GU-3BG	u	Chlorobenzene	108-90-7	ug/L	9/12/2011	1	n/a	ND	
GU-3BG	u	Chloroethane	75-00-3	ug/L	9/12/2011	4	n/a	ND	
GU-3BG	u	Chloroform	67-66-3	ug/L	9/12/2011	1	n/a	ND	
GU-3BG	u	Chlorodibromomethane	124-48-1	ug/L	9/12/2011	5	n/a	ND	
GU-3BG	u	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	9/12/2011	0.12	n/a	ND	
GU-3BG	u	1,2-Dibromoethane [EDB]	106-93-4	ug/L	9/12/2011	0.13	n/a	ND	
GU-3BG	u	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	9/12/2011	10	n/a	ND	
GU-3BG	u	1,1-Dichloroethane	75-34-3	ug/L	9/12/2011	1	n/a	ND	
GU-3BG	u	1,2-Dichloroethane	107-06-2	ug/L	9/12/2011	1	n/a	ND	
GU-3BG	u	1,1-Dichloroethene	75-35-4	ug/L	9/12/2011	2	n/a	ND	
GU-3BG	u	cis-1,2-Dichloroethene	156-59-2	ug/L	9/12/2011	1	n/a	ND	
GU-3BG	u	trans-1,2-Dichloroethene	156-60-5	ug/L	9/12/2011	1	n/a	ND	
GU-3BG	u	1,2-Dichloropropane	78-87-5	ug/L	9/12/2011	1	n/a	ND	
GU-3BG	u	cis-1,3-Dichloropropene	10061-01-5	ug/L	9/12/2011	5	n/a	ND	
GU-3BG	u	trans-1,3-Dichloropropene	10061-02-6	ug/L	9/12/2011	5	n/a	ND	
GU-3BG	u	1,2-Dichlorobenzene	95-50-1	ug/L	9/12/2011	1	n/a	ND	
GU-3BG	u	1,4-Dichlorobenzene	106-46-7	ug/L	9/12/2011	1	n/a	ND	
GU-3BG	u	Ethylbenzene	100-41-4	ug/L	9/12/2011	1	n/a	ND	
GU-3BG	u	2-Hexanone	591-78-6	ug/L	9/12/2011	10	n/a	ND	
GU-3BG	u	Bromomethane	74-83-9	ug/L	9/12/2011	4	n/a	ND	
GU-3BG	u	Chloromethane	74-87-3	ug/L	9/12/2011	3	n/a	ND	
GU-3BG	u	2-Butanone	78-93-3	ug/L	9/12/2011	10	n/a	ND	
GU-3BG	u	Iodomethane	74-88-4	ug/L	9/12/2011	50	n/a	ND	
GU-3BG	u	4-Methyl-2-pentanone	108-10-1	ug/L	9/12/2011	10	n/a	ND	
GU-3BG	u	Methylene Bromide	74-95-3	ug/L	9/12/2011	1	n/a	ND	
GU-3BG	u	Methylene Chloride	75-09-2	ug/L	9/12/2011	5	n/a	ND	
GU-3BG	u	Styrene	100-42-5	ug/L	9/12/2011	1	n/a	ND	
GU-3BG	u	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	9/12/2011	1	n/a	ND	
GU-3BG	u	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	9/12/2011	1	n/a	ND	
GU-3BG	u	Tetrachloroethene	127-18-4	ug/L	9/12/2011	1	n/a	ND	

Table 9A
Analytical Data Summary - Phase II MSWLF
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Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
GU-3BG	u	Toluene	108-88-3	ug/L	9/12/2011	1	n/a	ND	
GU-3BG	u	1,1,1-Trichloroethane	71-55-6	ug/L	9/12/2011	1	n/a	ND	
GU-3BG	u	1,1,2-Trichloroethane	79-00-5	ug/L	9/12/2011	1	n/a	ND	
GU-3BG	u	Trichloroethene	79-01-6	ug/L	9/12/2011	1	n/a	ND	
GU-3BG	u	Trichlorofluoromethane	75-69-4	ug/L	9/12/2011	4	n/a	ND	
GU-3BG	u	1,2,3-Trichloropropane	96-18-4	ug/L	9/12/2011	1	n/a	ND	
GU-3BG	u	Vinyl acetate	108-05-4	ug/L	9/12/2011	2	n/a	ND	
GU-3BG	u	Vinyl chloride	75-01-4	ug/L	9/12/2011	1	n/a	ND	
GU-3BG	u	Xylenes, total	1330-20-7	ug/L	9/12/2011	3	n/a	ND	
GU-4	d	Antimony	7440-36-0	mg/L	9/12/2011	n/a	n/a		0.00999
GU-4	d	Antimony	7440-36-0	mg/L	9/12/2011	n/a	n/a		0.00995
GU-4	d	Arsenic	7440-38-2	mg/L	9/12/2011	0.001	n/a	ND	
GU-4	d	Arsenic	7440-38-2	mg/L	9/12/2011	0.001	n/a	ND	
GU-4	d	Barium	7440-39-3	mg/L	9/12/2011	n/a	n/a		0.0124
GU-4	d	Barium	7440-39-3	mg/L	9/12/2011	n/a	n/a		0.0118
GU-4	d	Beryllium	7440-41-7	mg/L	9/12/2011	0.001	n/a	ND	
GU-4	d	Beryllium	7440-41-7	mg/L	9/12/2011	0.001	n/a	ND	
GU-4	d	Cadmium	7440-43-9	mg/L	9/12/2011	0.0005	n/a	ND	
GU-4	d	Cadmium	7440-43-9	mg/L	9/12/2011	0.0005	n/a	ND	
GU-4	d	Chromium	7440-47-3	mg/L	9/12/2011	0.02	n/a	ND	
GU-4	d	Chromium	7440-47-3	mg/L	9/12/2011	0.02	n/a	ND	
GU-4	d	Cobalt	7440-48-4	mg/L	9/12/2011	0.00155	n/a	ND	
GU-4	d	Cobalt	7440-48-4	mg/L	9/12/2011	0.00155	n/a	ND	
GU-4	d	Copper	7440-50-8	mg/L	9/12/2011	0.02	n/a	ND	
GU-4	d	Copper	7440-50-8	mg/L	9/12/2011	0.02	n/a	ND	
GU-4	d	Lead	7439-92-1	mg/L	9/12/2011	0.004	n/a	ND	
GU-4	d	Lead	7439-92-1	mg/L	9/12/2011	0.004	n/a	ND	
GU-4	d	Nickel	7440-02-0	mg/L	9/12/2011	0.05	n/a	ND	
GU-4	d	Nickel	7440-02-0	mg/L	9/12/2011	0.05	n/a	ND	
GU-4	d	Selenium	7782-49-2	mg/L	9/12/2011	0.005	n/a	ND	
GU-4	d	Selenium	7782-49-2	mg/L	9/12/2011	0.005	n/a	ND	
GU-4	d	Silver	7440-22-4	mg/L	9/12/2011	0.02	n/a	ND	
GU-4	d	Silver	7440-22-4	mg/L	9/12/2011	0.02	n/a	ND	
GU-4	d	Thallium	7440-28-0	mg/L	9/12/2011	0.002	n/a	ND	
GU-4	d	Thallium	7440-28-0	mg/L	9/12/2011	0.002	n/a	ND	
GU-4	d	Vanadium	7440-62-2	mg/L	9/12/2011	0.05	n/a	ND	
GU-4	d	Vanadium	7440-62-2	mg/L	9/12/2011	0.05	n/a	ND	
GU-4	d	Zinc	7440-66-6	mg/L	9/12/2011	0.02	n/a	ND	
GU-4	d	Zinc	7440-66-6	mg/L	9/12/2011	0.02	n/a	ND	
GU-4	d	Acetone	67-64-1	ug/L	9/12/2011	10	n/a	ND	
GU-4	d	Acetone	67-64-1	ug/L	9/12/2011	10	n/a	ND	
GU-4	d	Acrylonitrile	107-13-1	ug/L	9/12/2011	10	n/a	ND	
GU-4	d	Acrylonitrile	107-13-1	ug/L	9/12/2011	10	n/a	ND	
GU-4	d	Benzene	71-43-2	ug/L	9/12/2011	0.5	n/a	ND	
GU-4	d	Benzene	71-43-2	ug/L	9/12/2011	0.5	n/a	ND	
GU-4	d	Bromochloromethane	74-97-5	ug/L	9/12/2011	5	n/a	ND	
GU-4	d	Bromochloromethane	74-97-5	ug/L	9/12/2011	5	n/a	ND	
GU-4	d	Bromodichloromethane	75-27-4	ug/L	9/12/2011	1	n/a	ND	
GU-4	d	Bromodichloromethane	75-27-4	ug/L	9/12/2011	1	n/a	ND	
GU-4	d	Bromoform	75-25-2	ug/L	9/12/2011	5	n/a	ND	
GU-4	d	Bromoform	75-25-2	ug/L	9/12/2011	5	n/a	ND	
GU-4	d	Carbon disulfide	75-15-0	ug/L	9/12/2011	1	n/a	ND	
GU-4	d	Carbon disulfide	75-15-0	ug/L	9/12/2011	1	n/a	ND	
GU-4	d	Carbon Tetrachloride	56-23-5	ug/L	9/12/2011	4	n/a	ND	
GU-4	d	Carbon Tetrachloride	56-23-5	ug/L	9/12/2011	4	n/a	ND	
GU-4	d	Chlorobenzene	108-90-7	ug/L	9/12/2011	1	n/a	ND	
GU-4	d	Chlorobenzene	108-90-7	ug/L	9/12/2011	1	n/a	ND	
GU-4	d	Chloroethane	75-00-3	ug/L	9/12/2011	4	n/a	ND	
GU-4	d	Chloroethane	75-00-3	ug/L	9/12/2011	4	n/a	ND	
GU-4	d	Chloroform	67-66-3	ug/L	9/12/2011	1	n/a	ND	
GU-4	d	Chloroform	67-66-3	ug/L	9/12/2011	1	n/a	ND	
GU-4	d	Chlorodibromomethane	124-48-1	ug/L	9/12/2011	5	n/a	ND	
GU-4	d	Chlorodibromomethane	124-48-1	ug/L	9/12/2011	5	n/a	ND	
GU-4	d	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	9/12/2011	0.12	n/a	ND	
GU-4	d	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	9/12/2011	0.12	n/a	ND	
GU-4	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	9/12/2011	0.13	n/a	ND	
GU-4	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	9/12/2011	0.13	n/a	ND	
GU-4	d	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	9/12/2011	10	n/a	ND	
GU-4	d	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	9/12/2011	10	n/a	ND	
GU-4	d	1,1-Dichloroethane	75-34-3	ug/L	9/12/2011	1	n/a	ND	
GU-4	d	1,1-Dichloroethane	75-34-3	ug/L	9/12/2011	1	n/a	ND	
GU-4	d	1,2-Dichloroethane	107-06-2	ug/L	9/12/2011	1	n/a	ND	
GU-4	d	1,2-Dichloroethane	107-06-2	ug/L	9/12/2011	1	n/a	ND	
GU-4	d	1,1-Dichloroethene	75-35-4	ug/L	9/12/2011	2	n/a	ND	
GU-4	d	1,1-Dichloroethene	75-35-4	ug/L	9/12/2011	2	n/a	ND	

Table 9A
Analytical Data Summary - Phase II MSWLF
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Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
GU-4	d	cis-1,2-Dichloroethene	156-59-2	ug/L	9/12/2011	1	n/a	ND	
GU-4	d	cis-1,2-Dichloroethene	156-59-2	ug/L	9/12/2011	1	n/a	ND	
GU-4	d	trans-1,2-Dichloroethene	156-60-5	ug/L	9/12/2011	1	n/a	ND	
GU-4	d	trans-1,2-Dichloroethene	156-60-5	ug/L	9/12/2011	1	n/a	ND	
GU-4	d	1,2-Dichloropropane	78-87-5	ug/L	9/12/2011	1	n/a	ND	
GU-4	d	1,2-Dichloropropane	78-87-5	ug/L	9/12/2011	1	n/a	ND	
GU-4	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	9/12/2011	5	n/a	ND	
GU-4	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	9/12/2011	5	n/a	ND	
GU-4	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	9/12/2011	5	n/a	ND	
GU-4	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	9/12/2011	5	n/a	ND	
GU-4	d	1,2-Dichlorobenzene	95-50-1	ug/L	9/12/2011	1	n/a	ND	
GU-4	d	1,2-Dichlorobenzene	95-50-1	ug/L	9/12/2011	1	n/a	ND	
GU-4	d	1,4-Dichlorobenzene	106-46-7	ug/L	9/12/2011	1	n/a	ND	
GU-4	d	1,4-Dichlorobenzene	106-46-7	ug/L	9/12/2011	1	n/a	ND	
GU-4	d	Ethylbenzene	100-41-4	ug/L	9/12/2011	1	n/a	ND	
GU-4	d	Ethylbenzene	100-41-4	ug/L	9/12/2011	1	n/a	ND	
GU-4	d	2-Hexanone	591-78-6	ug/L	9/12/2011	10	n/a	ND	
GU-4	d	2-Hexanone	591-78-6	ug/L	9/12/2011	10	n/a	ND	
GU-4	d	Bromomethane	74-83-9	ug/L	9/12/2011	4	n/a	ND	
GU-4	d	Bromomethane	74-83-9	ug/L	9/12/2011	4	n/a	ND	
GU-4	d	Chloromethane	74-87-3	ug/L	9/12/2011	3	n/a	ND	
GU-4	d	Chloromethane	74-87-3	ug/L	9/12/2011	3	n/a	ND	
GU-4	d	2-Butanone	78-93-3	ug/L	9/12/2011	10	n/a	ND	
GU-4	d	2-Butanone	78-93-3	ug/L	9/12/2011	10	n/a	ND	
GU-4	d	Iodomethane	74-88-4	ug/L	9/12/2011	10	n/a	ND	
GU-4	d	Iodomethane	74-88-4	ug/L	9/12/2011	10	n/a	ND	
GU-4	d	4-Methyl-2-pentanone	108-10-1	ug/L	9/12/2011	10	n/a	ND	
GU-4	d	4-Methyl-2-pentanone	108-10-1	ug/L	9/12/2011	10	n/a	ND	
GU-4	d	Methylene Bromide	74-95-3	ug/L	9/12/2011	1	n/a	ND	
GU-4	d	Methylene Bromide	74-95-3	ug/L	9/12/2011	1	n/a	ND	
GU-4	d	Methylene Chloride	75-09-2	ug/L	9/12/2011	5	n/a	ND	
GU-4	d	Methylene Chloride	75-09-2	ug/L	9/12/2011	5	n/a	ND	
GU-4	d	Styrene	100-42-5	ug/L	9/12/2011	1	n/a	ND	
GU-4	d	Styrene	100-42-5	ug/L	9/12/2011	1	n/a	ND	
GU-4	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	9/12/2011	1	n/a	ND	
GU-4	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	9/12/2011	1	n/a	ND	
GU-4	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	9/12/2011	1	n/a	ND	
GU-4	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	9/12/2011	1	n/a	ND	
GU-4	d	Tetrachloroethene	127-18-4	ug/L	9/12/2011	1	n/a	ND	
GU-4	d	Tetrachloroethene	127-18-4	ug/L	9/12/2011	1	n/a	ND	
GU-4	d	Toluene	108-88-3	ug/L	9/12/2011	1	n/a	ND	
GU-4	d	Toluene	108-88-3	ug/L	9/12/2011	1	n/a	ND	
GU-4	d	1,1,1-Trichloroethane	71-55-6	ug/L	9/12/2011	1	n/a	ND	
GU-4	d	1,1,1-Trichloroethane	71-55-6	ug/L	9/12/2011	1	n/a	ND	
GU-4	d	1,1,2-Trichloroethane	79-00-5	ug/L	9/12/2011	1	n/a	ND	
GU-4	d	1,1,2-Trichloroethane	79-00-5	ug/L	9/12/2011	1	n/a	ND	
GU-4	d	Trichloroethene	79-01-6	ug/L	9/12/2011	1	n/a	ND	
GU-4	d	Trichloroethene	79-01-6	ug/L	9/12/2011	1	n/a	ND	
GU-4	d	Trichlorofluoromethane	75-69-4	ug/L	9/12/2011	4	n/a	ND	
GU-4	d	Trichlorofluoromethane	75-69-4	ug/L	9/12/2011	4	n/a	ND	
GU-4	d	1,2,3-Trichloropropane	96-18-4	ug/L	9/12/2011	1	n/a	ND	
GU-4	d	1,2,3-Trichloropropane	96-18-4	ug/L	9/12/2011	1	n/a	ND	
GU-4	d	Vinyl acetate	108-05-4	ug/L	9/12/2011	2	n/a	ND	
GU-4	d	Vinyl acetate	108-05-4	ug/L	9/12/2011	2	n/a	ND	
GU-4	d	Vinyl chloride	75-01-4	ug/L	9/12/2011	1	n/a	ND	
GU-4	d	Vinyl chloride	75-01-4	ug/L	9/12/2011	1	n/a	ND	
GU-4	d	Xylenes, total	1330-20-7	ug/L	9/12/2011	3	n/a	ND	
GU-4	d	Xylenes, total	1330-20-7	ug/L	9/12/2011	3	n/a	ND	
GU-4BG	u	Antimony	7440-36-0	mg/L	9/12/2011	n/a	n/a		0.00995
GU-4BG	u	Antimony	7440-36-0	mg/L	9/12/2011	n/a	n/a		0.00999
GU-4BG	u	Arsenic	7440-38-2	mg/L	9/12/2011	0.001	n/a	ND	
GU-4BG	u	Arsenic	7440-38-2	mg/L	9/12/2011	0.001	n/a	ND	
GU-4BG	u	Barium	7440-39-3	mg/L	9/12/2011	n/a	n/a		0.0124
GU-4BG	u	Barium	7440-39-3	mg/L	9/12/2011	n/a	n/a		0.0118
GU-4BG	u	Beryllium	7440-41-7	mg/L	9/12/2011	0.001	n/a	ND	
GU-4BG	u	Beryllium	7440-41-7	mg/L	9/12/2011	0.001	n/a	ND	
GU-4BG	u	Cadmium	7440-43-9	mg/L	9/12/2011	0.0005	n/a	ND	
GU-4BG	u	Cadmium	7440-43-9	mg/L	9/12/2011	0.0005	n/a	ND	
GU-4BG	u	Chromium	7440-47-3	mg/L	9/12/2011	0.02	n/a	ND	
GU-4BG	u	Chromium	7440-47-3	mg/L	9/12/2011	0.02	n/a	ND	
GU-4BG	u	Cobalt	7440-48-4	mg/L	9/12/2011	0.00155	n/a	ND	
GU-4BG	u	Cobalt	7440-48-4	mg/L	9/12/2011	0.00155	n/a	ND	
GU-4BG	u	Copper	7440-50-8	mg/L	9/12/2011	0.02	n/a	ND	
GU-4BG	u	Copper	7440-50-8	mg/L	9/12/2011	0.02	n/a	ND	
GU-4BG	u	Lead	7439-92-1	mg/L	9/12/2011	0.004	n/a	ND	

Table 9A
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Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
GU-4BG	u	Lead	7439-92-1	mg/L	9/12/2011	0.004	n/a	ND	
GU-4BG	u	Nickel	7440-02-0	mg/L	9/12/2011	0.05	n/a	ND	
GU-4BG	u	Nickel	7440-02-0	mg/L	9/12/2011	0.05	n/a	ND	
GU-4BG	u	Selenium	7782-49-2	mg/L	9/12/2011	0.005	n/a	ND	
GU-4BG	u	Selenium	7782-49-2	mg/L	9/12/2011	0.005	n/a	ND	
GU-4BG	u	Silver	7440-22-4	mg/L	9/12/2011	0.02	n/a	ND	
GU-4BG	u	Silver	7440-22-4	mg/L	9/12/2011	0.02	n/a	ND	
GU-4BG	u	Thallium	7440-28-0	mg/L	9/12/2011	0.002	n/a	ND	
GU-4BG	u	Thallium	7440-28-0	mg/L	9/12/2011	0.002	n/a	ND	
GU-4BG	u	Vanadium	7440-62-2	mg/L	9/12/2011	0.05	n/a	ND	
GU-4BG	u	Vanadium	7440-62-2	mg/L	9/12/2011	0.05	n/a	ND	
GU-4BG	u	Zinc	7440-66-6	mg/L	9/12/2011	0.02	n/a	ND	
GU-4BG	u	Zinc	7440-66-6	mg/L	9/12/2011	0.02	n/a	ND	
GU-4BG	u	Acetone	67-64-1	ug/L	9/12/2011	10	n/a	ND	
GU-4BG	u	Acetone	67-64-1	ug/L	9/12/2011	10	n/a	ND	
GU-4BG	u	Acrylonitrile	107-13-1	ug/L	9/12/2011	10	n/a	ND	
GU-4BG	u	Acrylonitrile	107-13-1	ug/L	9/12/2011	10	n/a	ND	
GU-4BG	u	Benzene	71-43-2	ug/L	9/12/2011	0.5	n/a	ND	
GU-4BG	u	Benzene	71-43-2	ug/L	9/12/2011	0.5	n/a	ND	
GU-4BG	u	Bromochloromethane	74-97-5	ug/L	9/12/2011	5	n/a	ND	
GU-4BG	u	Bromochloromethane	74-97-5	ug/L	9/12/2011	5	n/a	ND	
GU-4BG	u	Bromodichloromethane	75-27-4	ug/L	9/12/2011	1	n/a	ND	
GU-4BG	u	Bromodichloromethane	75-27-4	ug/L	9/12/2011	1	n/a	ND	
GU-4BG	u	Bromoform	75-25-2	ug/L	9/12/2011	5	n/a	ND	
GU-4BG	u	Bromoform	75-25-2	ug/L	9/12/2011	5	n/a	ND	
GU-4BG	u	Carbon disulfide	75-15-0	ug/L	9/12/2011	1	n/a	ND	
GU-4BG	u	Carbon disulfide	75-15-0	ug/L	9/12/2011	1	n/a	ND	
GU-4BG	u	Carbon Tetrachloride	56-23-5	ug/L	9/12/2011	4	n/a	ND	
GU-4BG	u	Carbon Tetrachloride	56-23-5	ug/L	9/12/2011	4	n/a	ND	
GU-4BG	u	Chlorobenzene	108-90-7	ug/L	9/12/2011	1	n/a	ND	
GU-4BG	u	Chlorobenzene	108-90-7	ug/L	9/12/2011	1	n/a	ND	
GU-4BG	u	Chloroethane	75-00-3	ug/L	9/12/2011	4	n/a	ND	
GU-4BG	u	Chloroethane	75-00-3	ug/L	9/12/2011	4	n/a	ND	
GU-4BG	u	Chloroform	67-66-3	ug/L	9/12/2011	1	n/a	ND	
GU-4BG	u	Chloroform	67-66-3	ug/L	9/12/2011	1	n/a	ND	
GU-4BG	u	Chlorodibromomethane	124-48-1	ug/L	9/12/2011	5	n/a	ND	
GU-4BG	u	Chlorodibromomethane	124-48-1	ug/L	9/12/2011	5	n/a	ND	
GU-4BG	u	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	9/12/2011	0.12	n/a	ND	
GU-4BG	u	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	9/12/2011	0.12	n/a	ND	
GU-4BG	u	1,2-Dibromoethane [EDB]	106-93-4	ug/L	9/12/2011	0.13	n/a	ND	
GU-4BG	u	1,2-Dibromoethane [EDB]	106-93-4	ug/L	9/12/2011	0.13	n/a	ND	
GU-4BG	u	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	9/12/2011	10	n/a	ND	
GU-4BG	u	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	9/12/2011	10	n/a	ND	
GU-4BG	u	1,1-Dichloroethane	75-34-3	ug/L	9/12/2011	1	n/a	ND	
GU-4BG	u	1,1-Dichloroethane	75-34-3	ug/L	9/12/2011	1	n/a	ND	
GU-4BG	u	1,2-Dichloroethane	107-06-2	ug/L	9/12/2011	1	n/a	ND	
GU-4BG	u	1,2-Dichloroethane	107-06-2	ug/L	9/12/2011	1	n/a	ND	
GU-4BG	u	1,1-Dichloroethene	75-35-4	ug/L	9/12/2011	2	n/a	ND	
GU-4BG	u	1,1-Dichloroethene	75-35-4	ug/L	9/12/2011	2	n/a	ND	
GU-4BG	u	cis-1,2-Dichloroethene	156-59-2	ug/L	9/12/2011	1	n/a	ND	
GU-4BG	u	cis-1,2-Dichloroethene	156-59-2	ug/L	9/12/2011	1	n/a	ND	
GU-4BG	u	trans-1,2-Dichloroethene	156-60-5	ug/L	9/12/2011	1	n/a	ND	
GU-4BG	u	trans-1,2-Dichloroethene	156-60-5	ug/L	9/12/2011	1	n/a	ND	
GU-4BG	u	1,2-Dichloropropane	78-87-5	ug/L	9/12/2011	1	n/a	ND	
GU-4BG	u	1,2-Dichloropropane	78-87-5	ug/L	9/12/2011	1	n/a	ND	
GU-4BG	u	cis-1,3-Dichloropropene	10061-01-5	ug/L	9/12/2011	5	n/a	ND	
GU-4BG	u	cis-1,3-Dichloropropene	10061-01-5	ug/L	9/12/2011	5	n/a	ND	
GU-4BG	u	trans-1,3-Dichloropropene	10061-02-6	ug/L	9/12/2011	5	n/a	ND	
GU-4BG	u	trans-1,3-Dichloropropene	10061-02-6	ug/L	9/12/2011	5	n/a	ND	
GU-4BG	u	1,2-Dichlorobenzene	95-50-1	ug/L	9/12/2011	1	n/a	ND	
GU-4BG	u	1,2-Dichlorobenzene	95-50-1	ug/L	9/12/2011	1	n/a	ND	
GU-4BG	u	1,4-Dichlorobenzene	106-46-7	ug/L	9/12/2011	1	n/a	ND	
GU-4BG	u	1,4-Dichlorobenzene	106-46-7	ug/L	9/12/2011	1	n/a	ND	
GU-4BG	u	Ethylbenzene	100-41-4	ug/L	9/12/2011	1	n/a	ND	
GU-4BG	u	Ethylbenzene	100-41-4	ug/L	9/12/2011	1	n/a	ND	
GU-4BG	u	2-Hexanone	591-78-6	ug/L	9/12/2011	10	n/a	ND	
GU-4BG	u	2-Hexanone	591-78-6	ug/L	9/12/2011	10	n/a	ND	
GU-4BG	u	Bromomethane	74-83-9	ug/L	9/12/2011	4	n/a	ND	
GU-4BG	u	Bromomethane	74-83-9	ug/L	9/12/2011	4	n/a	ND	
GU-4BG	u	Chloromethane	74-87-3	ug/L	9/12/2011	3	n/a	ND	
GU-4BG	u	Chloromethane	74-87-3	ug/L	9/12/2011	3	n/a	ND	
GU-4BG	u	2-Butanone	78-93-3	ug/L	9/12/2011	10	n/a	ND	
GU-4BG	u	2-Butanone	78-93-3	ug/L	9/12/2011	10	n/a	ND	
GU-4BG	u	Iodomethane	74-88-4	ug/L	9/12/2011	10	n/a	ND	
GU-4BG	u	Iodomethane	74-88-4	ug/L	9/12/2011	10	n/a	ND	

Table 9A
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Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
GU-4BG	u	4-Methyl-2-pentanone	108-10-1	ug/L	9/12/2011	10	n/a	ND	
GU-4BG	u	4-Methyl-2-pentanone	108-10-1	ug/L	9/12/2011	10	n/a	ND	
GU-4BG	u	Methylene Bromide	74-95-3	ug/L	9/12/2011	1	n/a	ND	
GU-4BG	u	Methylene Bromide	74-95-3	ug/L	9/12/2011	1	n/a	ND	
GU-4BG	u	Methylene Chloride	75-09-2	ug/L	9/12/2011	5	n/a	ND	
GU-4BG	u	Methylene Chloride	75-09-2	ug/L	9/12/2011	5	n/a	ND	
GU-4BG	u	Styrene	100-42-5	ug/L	9/12/2011	1	n/a	ND	
GU-4BG	u	Styrene	100-42-5	ug/L	9/12/2011	1	n/a	ND	
GU-4BG	u	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	9/12/2011	1	n/a	ND	
GU-4BG	u	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	9/12/2011	1	n/a	ND	
GU-4BG	u	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	9/12/2011	1	n/a	ND	
GU-4BG	u	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	9/12/2011	1	n/a	ND	
GU-4BG	u	Tetrachloroethene	127-18-4	ug/L	9/12/2011	1	n/a	ND	
GU-4BG	u	Tetrachloroethene	127-18-4	ug/L	9/12/2011	1	n/a	ND	
GU-4BG	u	Toluene	108-88-3	ug/L	9/12/2011	1	n/a	ND	
GU-4BG	u	Toluene	108-88-3	ug/L	9/12/2011	1	n/a	ND	
GU-4BG	u	1,1,1-Trichloroethane	71-55-6	ug/L	9/12/2011	1	n/a	ND	
GU-4BG	u	1,1,1-Trichloroethane	71-55-6	ug/L	9/12/2011	1	n/a	ND	
GU-4BG	u	1,1,2-Trichloroethane	79-00-5	ug/L	9/12/2011	1	n/a	ND	
GU-4BG	u	1,1,2-Trichloroethane	79-00-5	ug/L	9/12/2011	1	n/a	ND	
GU-4BG	u	Trichloroethene	79-01-6	ug/L	9/12/2011	1	n/a	ND	
GU-4BG	u	Trichloroethene	79-01-6	ug/L	9/12/2011	1	n/a	ND	
GU-4BG	u	Trichlorofluoromethane	75-69-4	ug/L	9/12/2011	4	n/a	ND	
GU-4BG	u	Trichlorofluoromethane	75-69-4	ug/L	9/12/2011	4	n/a	ND	
GU-4BG	u	1,2,3-Trichloropropane	96-18-4	ug/L	9/12/2011	1	n/a	ND	
GU-4BG	u	1,2,3-Trichloropropane	96-18-4	ug/L	9/12/2011	1	n/a	ND	
GU-4BG	u	Vinyl acetate	108-05-4	ug/L	9/12/2011	2	n/a	ND	
GU-4BG	u	Vinyl acetate	108-05-4	ug/L	9/12/2011	2	n/a	ND	
GU-4BG	u	Vinyl chloride	75-01-4	ug/L	9/12/2011	1	n/a	ND	
GU-4BG	u	Vinyl chloride	75-01-4	ug/L	9/12/2011	1	n/a	ND	
GU-4BG	u	Xylenes, total	1330-20-7	ug/L	9/12/2011	3	n/a	ND	
GU-4BG	u	Xylenes, total	1330-20-7	ug/L	9/12/2011	3	n/a	ND	
GU-5	d	Antimony	7440-36-0	mg/L	9/12/2011	0.006	n/a	ND	
GU-5	d	Arsenic	7440-38-2	mg/L	9/12/2011	n/a	n/a		0.00218
GU-5	d	Barium	7440-39-3	mg/L	9/12/2011	n/a	n/a		0.314
GU-5	d	Beryllium	7440-41-7	mg/L	9/12/2011	0.001	n/a	ND	
GU-5	d	Cadmium	7440-43-9	mg/L	9/12/2011	0.0005	n/a	ND	
GU-5	d	Chromium	7440-47-3	mg/L	9/12/2011	0.02	n/a	ND	
GU-5	d	Cobalt	7440-48-4	mg/L	9/12/2011	n/a	n/a		0.00176
GU-5	d	Copper	7440-50-8	mg/L	9/12/2011	0.02	n/a	ND	
GU-5	d	Lead	7439-92-1	mg/L	9/12/2011	0.004	n/a	ND	
GU-5	d	Nickel	7440-02-0	mg/L	9/12/2011	0.05	n/a	ND	
GU-5	d	Selenium	7782-49-2	mg/L	9/12/2011	0.005	n/a	ND	
GU-5	d	Silver	7440-22-4	mg/L	9/12/2011	0.02	n/a	ND	
GU-5	d	Thallium	7440-28-0	mg/L	9/12/2011	0.002	n/a	ND	
GU-5	d	Vanadium	7440-62-2	mg/L	9/12/2011	0.05	n/a	ND	
GU-5	d	Zinc	7440-66-6	mg/L	9/12/2011	0.02	n/a	ND	
GU-5	d	Acetone	67-64-1	ug/L	9/12/2011	10	n/a	ND	
GU-5	d	Acrylonitrile	107-13-1	ug/L	9/12/2011	10	n/a	ND	
GU-5	d	Benzene	71-43-2	ug/L	9/12/2011	0.5	n/a	ND	
GU-5	d	Bromochloromethane	74-97-5	ug/L	9/12/2011	5	n/a	ND	
GU-5	d	Bromodichloromethane	75-27-4	ug/L	9/12/2011	1	n/a	ND	
GU-5	d	Bromoform	75-25-2	ug/L	9/12/2011	5	n/a	ND	
GU-5	d	Carbon disulfide	75-15-0	ug/L	9/12/2011	1	n/a	ND	
GU-5	d	Carbon Tetrachloride	56-23-5	ug/L	9/12/2011	4	n/a	ND	
GU-5	d	Chlorobenzene	108-90-7	ug/L	9/12/2011	1	n/a	ND	
GU-5	d	Chloroethane	75-00-3	ug/L	9/12/2011	4	n/a	ND	
GU-5	d	Chloroform	67-66-3	ug/L	9/12/2011	1	n/a	ND	
GU-5	d	Chlorodibromomethane	124-48-1	ug/L	9/12/2011	5	n/a	ND	
GU-5	d	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	9/12/2011	0.12	n/a	ND	
GU-5	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	9/12/2011	0.13	n/a	ND	
GU-5	d	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	9/12/2011	10	n/a	ND	
GU-5	d	1,1-Dichloroethane	75-34-3	ug/L	9/12/2011	1	n/a	ND	
GU-5	d	1,2-Dichloroethane	107-06-2	ug/L	9/12/2011	1	n/a	ND	
GU-5	d	1,1-Dichloroethene	75-35-4	ug/L	9/12/2011	2	n/a	ND	
GU-5	d	cis-1,2-Dichloroethene	156-59-2	ug/L	9/12/2011	1	n/a	ND	
GU-5	d	trans-1,2-Dichloroethene	156-60-5	ug/L	9/12/2011	1	n/a	ND	
GU-5	d	1,2-Dichloropropane	78-87-5	ug/L	9/12/2011	1	n/a	ND	
GU-5	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	9/12/2011	5	n/a	ND	
GU-5	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	9/12/2011	5	n/a	ND	
GU-5	d	1,2-Dichlorobenzene	95-50-1	ug/L	9/12/2011	1	n/a	ND	
GU-5	d	1,4-Dichlorobenzene	106-46-7	ug/L	9/12/2011	1	n/a	ND	
GU-5	d	Ethylbenzene	100-41-4	ug/L	9/12/2011	1	n/a	ND	
GU-5	d	2-Hexanone	591-78-6	ug/L	9/12/2011	10	n/a	ND	
GU-5	d	Bromomethane	74-83-9	ug/L	9/12/2011	4	n/a	ND	

Table 9A
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Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
GU-5	d	Chloromethane	74-87-3	ug/L	9/12/2011	3	n/a	ND	
GU-5	d	2-Butanone	78-93-3	ug/L	9/12/2011	10	n/a	ND	
GU-5	d	Iodomethane	74-88-4	ug/L	9/12/2011	10	n/a	ND	
GU-5	d	4-Methyl-2-pentanone	108-10-1	ug/L	9/12/2011	10	n/a	ND	
GU-5	d	Methylene Bromide	74-95-3	ug/L	9/12/2011	1	n/a	ND	
GU-5	d	Methylene Chloride	75-09-2	ug/L	9/12/2011	5	n/a	ND	
GU-5	d	Styrene	100-42-5	ug/L	9/12/2011	1	n/a	ND	
GU-5	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	9/12/2011	1	n/a	ND	
GU-5	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	9/12/2011	1	n/a	ND	
GU-5	d	Tetrachloroethene	127-18-4	ug/L	9/12/2011	1	n/a	ND	
GU-5	d	Toluene	108-88-3	ug/L	9/12/2011	1	n/a	ND	
GU-5	d	1,1,1-Trichloroethane	71-55-6	ug/L	9/12/2011	1	n/a	ND	
GU-5	d	1,1,2-Trichloroethane	79-00-5	ug/L	9/12/2011	1	n/a	ND	
GU-5	d	Trichloroethene	79-01-6	ug/L	9/12/2011	1	n/a	ND	
GU-5	d	Trichlorofluoromethane	75-69-4	ug/L	9/12/2011	4	n/a	ND	
GU-5	d	1,2,3-Trichloropropane	96-18-4	ug/L	9/12/2011	1	n/a	ND	
GU-5	d	Vinyl acetate	108-05-4	ug/L	9/12/2011	2	n/a	ND	
GU-5	d	Vinyl chloride	75-01-4	ug/L	9/12/2011	1	n/a	ND	
GU-5	d	Xylenes, total	1330-20-7	ug/L	9/12/2011	3	n/a	ND	
GU-5BG	u	Antimony	7440-36-0	mg/L	9/12/2011	0.006	n/a	ND	
GU-5BG	u	Arsenic	7440-38-2	mg/L	9/12/2011	n/a	n/a		0.00218
GU-5BG	u	Barium	7440-39-3	mg/L	9/12/2011	n/a	n/a		0.314
GU-5BG	u	Beryllium	7440-41-7	mg/L	9/12/2011	0.001	n/a	ND	
GU-5BG	u	Cadmium	7440-43-9	mg/L	9/12/2011	0.0005	n/a	ND	
GU-5BG	u	Chromium	7440-47-3	mg/L	9/12/2011	0.02	n/a	ND	
GU-5BG	u	Cobalt	7440-48-4	mg/L	9/12/2011	n/a	n/a		0.00176
GU-5BG	u	Copper	7440-50-8	mg/L	9/12/2011	0.02	n/a	ND	
GU-5BG	u	Lead	7439-92-1	mg/L	9/12/2011	0.004	n/a	ND	
GU-5BG	u	Nickel	7440-02-0	mg/L	9/12/2011	0.05	n/a	ND	
GU-5BG	u	Selenium	7782-49-2	mg/L	9/12/2011	0.005	n/a	ND	
GU-5BG	u	Silver	7440-22-4	mg/L	9/12/2011	0.02	n/a	ND	
GU-5BG	u	Thallium	7440-28-0	mg/L	9/12/2011	0.002	n/a	ND	
GU-5BG	u	Vanadium	7440-62-2	mg/L	9/12/2011	0.05	n/a	ND	
GU-5BG	u	Zinc	7440-66-6	mg/L	9/12/2011	0.02	n/a	ND	
GU-5BG	u	Acetone	67-64-1	ug/L	9/12/2011	10	n/a	ND	
GU-5BG	u	Acrylonitrile	107-13-1	ug/L	9/12/2011	10	n/a	ND	
GU-5BG	u	Benzene	71-43-2	ug/L	9/12/2011	0.5	n/a	ND	
GU-5BG	u	Bromochloromethane	74-97-5	ug/L	9/12/2011	5	n/a	ND	
GU-5BG	u	Bromodichloromethane	75-27-4	ug/L	9/12/2011	1	n/a	ND	
GU-5BG	u	Bromoform	75-25-2	ug/L	9/12/2011	5	n/a	ND	
GU-5BG	u	Carbon disulfide	75-15-0	ug/L	9/12/2011	1	n/a	ND	
GU-5BG	u	Carbon Tetrachloride	56-23-5	ug/L	9/12/2011	4	n/a	ND	
GU-5BG	u	Chlorobenzene	108-90-7	ug/L	9/12/2011	1	n/a	ND	
GU-5BG	u	Chloroethane	75-00-3	ug/L	9/12/2011	4	n/a	ND	
GU-5BG	u	Chloroform	67-66-3	ug/L	9/12/2011	1	n/a	ND	
GU-5BG	u	Chlorodibromomethane	124-48-1	ug/L	9/12/2011	5	n/a	ND	
GU-5BG	u	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	9/12/2011	0.12	n/a	ND	
GU-5BG	u	1,2-Dibromoethane [EDB]	106-93-4	ug/L	9/12/2011	0.13	n/a	ND	
GU-5BG	u	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	9/12/2011	10	n/a	ND	
GU-5BG	u	1,1-Dichloroethane	75-34-3	ug/L	9/12/2011	1	n/a	ND	
GU-5BG	u	1,2-Dichloroethane	107-06-2	ug/L	9/12/2011	1	n/a	ND	
GU-5BG	u	1,1-Dichloroethene	75-35-4	ug/L	9/12/2011	2	n/a	ND	
GU-5BG	u	cis-1,2-Dichloroethene	156-59-2	ug/L	9/12/2011	1	n/a	ND	
GU-5BG	u	trans-1,2-Dichloroethene	156-60-5	ug/L	9/12/2011	1	n/a	ND	
GU-5BG	u	1,2-Dichloropropane	78-87-5	ug/L	9/12/2011	1	n/a	ND	
GU-5BG	u	cis-1,3-Dichloropropene	10061-01-5	ug/L	9/12/2011	5	n/a	ND	
GU-5BG	u	trans-1,3-Dichloropropene	10061-02-6	ug/L	9/12/2011	5	n/a	ND	
GU-5BG	u	1,2-Dichlorobenzene	95-50-1	ug/L	9/12/2011	1	n/a	ND	
GU-5BG	u	1,4-Dichlorobenzene	106-46-7	ug/L	9/12/2011	1	n/a	ND	
GU-5BG	u	Ethylbenzene	100-41-4	ug/L	9/12/2011	1	n/a	ND	
GU-5BG	u	2-Hexanone	591-78-6	ug/L	9/12/2011	10	n/a	ND	
GU-5BG	u	Bromomethane	74-83-9	ug/L	9/12/2011	4	n/a	ND	
GU-5BG	u	Chloromethane	74-87-3	ug/L	9/12/2011	3	n/a	ND	
GU-5BG	u	2-Butanone	78-93-3	ug/L	9/12/2011	10	n/a	ND	
GU-5BG	u	Iodomethane	74-88-4	ug/L	9/12/2011	10	n/a	ND	
GU-5BG	u	4-Methyl-2-pentanone	108-10-1	ug/L	9/12/2011	10	n/a	ND	
GU-5BG	u	Methylene Bromide	74-95-3	ug/L	9/12/2011	1	n/a	ND	
GU-5BG	u	Methylene Chloride	75-09-2	ug/L	9/12/2011	5	n/a	ND	
GU-5BG	u	Styrene	100-42-5	ug/L	9/12/2011	1	n/a	ND	
GU-5BG	u	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	9/12/2011	1	n/a	ND	
GU-5BG	u	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	9/12/2011	1	n/a	ND	
GU-5BG	u	Tetrachloroethene	127-18-4	ug/L	9/12/2011	1	n/a	ND	
GU-5BG	u	Toluene	108-88-3	ug/L	9/12/2011	1	n/a	ND	
GU-5BG	u	1,1,1-Trichloroethane	71-55-6	ug/L	9/12/2011	1	n/a	ND	
GU-5BG	u	1,1,2-Trichloroethane	79-00-5	ug/L	9/12/2011	1	n/a	ND	

Table 9A
Analytical Data Summary - Phase II MSWLF
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Phase II MSWLF and CWTS
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
GU-5BG	u	Trichloroethene	79-01-6	ug/L	9/12/2011	1	n/a	ND	
GU-5BG	u	Trichlorofluoromethane	75-69-4	ug/L	9/12/2011	4	n/a	ND	
GU-5BG	u	1,2,3-Trichloropropane	96-18-4	ug/L	9/12/2011	1	n/a	ND	
GU-5BG	u	Vinyl acetate	108-05-4	ug/L	9/12/2011	2	n/a	ND	
GU-5BG	u	Vinyl chloride	75-01-4	ug/L	9/12/2011	1	n/a	ND	
GU-5BG	u	Xylenes, total	1330-20-7	ug/L	9/12/2011	3	n/a	ND	
MW-26	u	Antimony	7440-36-0	mg/L	9/12/2011	0.006	n/a	ND	
MW-26	u	Arsenic	7440-38-2	mg/L	9/12/2011	0.001	n/a	ND	
MW-26	u	Barium	7440-39-3	mg/L	9/12/2011	n/a	n/a	ND	0.0572
MW-26	u	Beryllium	7440-41-7	mg/L	9/12/2011	0.001	n/a	ND	
MW-26	u	Cadmium	7440-43-9	mg/L	9/12/2011	0.0005	n/a	ND	
MW-26	u	Chromium	7440-47-3	mg/L	9/12/2011	n/a	n/a	ND	0.0345
MW-26	u	Cobalt	7440-48-4	mg/L	9/12/2011	0.00155	n/a	ND	
MW-26	u	Copper	7440-50-8	mg/L	9/12/2011	0.02	n/a	ND	
MW-26	u	Lead	7439-92-1	mg/L	9/12/2011	0.004	n/a	ND	
MW-26	u	Nickel	7440-02-0	mg/L	9/12/2011	0.05	n/a	ND	
MW-26	u	Selenium	7782-49-2	mg/L	9/12/2011	n/a	n/a	ND	0.0627
MW-26	u	Silver	7440-22-4	mg/L	9/12/2011	0.02	n/a	ND	
MW-26	u	Thallium	7440-28-0	mg/L	9/12/2011	0.002	n/a	ND	
MW-26	u	Vanadium	7440-62-2	mg/L	9/12/2011	0.05	n/a	ND	
MW-26	u	Zinc	7440-66-6	mg/L	9/12/2011	0.02	n/a	ND	
MW-B	d	Antimony	7440-36-0	mg/L	9/12/2011	0.006	n/a	ND	
MW-B	d	Arsenic	7440-38-2	mg/L	9/12/2011	0.001	n/a	ND	
MW-B	d	Barium	7440-39-3	mg/L	9/12/2011	n/a	n/a	ND	0.0628
MW-B	d	Beryllium	7440-41-7	mg/L	9/12/2011	0.001	n/a	ND	
MW-B	d	Cadmium	7440-43-9	mg/L	9/12/2011	0.0005	n/a	ND	
MW-B	d	Chromium	7440-47-3	mg/L	9/12/2011	0.02	n/a	ND	
MW-B	d	Cobalt	7440-48-4	mg/L	9/12/2011	0.00155	n/a	ND	
MW-B	d	Copper	7440-50-8	mg/L	9/12/2011	0.02	n/a	ND	
MW-B	d	Lead	7439-92-1	mg/L	9/12/2011	0.004	n/a	ND	
MW-B	d	Nickel	7440-02-0	mg/L	9/12/2011	0.05	n/a	ND	
MW-B	d	Selenium	7782-49-2	mg/L	9/12/2011	0.005	n/a	ND	
MW-B	d	Silver	7440-22-4	mg/L	9/12/2011	0.02	n/a	ND	
MW-B	d	Thallium	7440-28-0	mg/L	9/12/2011	0.002	n/a	ND	
MW-B	d	Vanadium	7440-62-2	mg/L	9/12/2011	0.05	n/a	ND	
MW-B	d	Zinc	7440-66-6	mg/L	9/12/2011	0.02	n/a	ND	
MW-B	d	Acetone	67-64-1	ug/L	9/12/2011	10	n/a	ND	
MW-B	d	Acrylonitrile	107-13-1	ug/L	9/12/2011	10	n/a	ND	
MW-B	d	Benzene	71-43-2	ug/L	9/12/2011	0.5	n/a	ND	
MW-B	d	Bromochloromethane	74-97-5	ug/L	9/12/2011	5	n/a	ND	
MW-B	d	Bromodichloromethane	75-27-4	ug/L	9/12/2011	1	n/a	ND	
MW-B	d	Bromoform	75-25-2	ug/L	9/12/2011	5	n/a	ND	
MW-B	d	Carbon disulfide	75-15-0	ug/L	9/12/2011	1	n/a	ND	
MW-B	d	Carbon Tetrachloride	56-23-5	ug/L	9/12/2011	2	n/a	ND	
MW-B	d	Chlorobenzene	108-90-7	ug/L	9/12/2011	1	n/a	ND	
MW-B	d	Chloroethane	75-00-3	ug/L	9/12/2011	4	n/a	ND	
MW-B	d	Chloroform	67-66-3	ug/L	9/12/2011	1	n/a	ND	
MW-B	d	Chlorodibromomethane	124-48-1	ug/L	9/12/2011	5	n/a	ND	
MW-B	d	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	9/12/2011	0.12	n/a	ND	
MW-B	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	9/12/2011	0.13	n/a	ND	
MW-B	d	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	9/12/2011	10	n/a	ND	
MW-B	d	1,1-Dichloroethane	75-34-3	ug/L	9/12/2011	1	n/a	ND	
MW-B	d	1,2-Dichloroethane	107-06-2	ug/L	9/12/2011	1	n/a	ND	
MW-B	d	1,1-Dichloroethene	75-35-4	ug/L	9/12/2011	2	n/a	ND	
MW-B	d	cis-1,2-Dichloroethene	156-59-2	ug/L	9/12/2011	1	n/a	ND	
MW-B	d	trans-1,2-Dichloroethene	156-60-5	ug/L	9/12/2011	1	n/a	ND	
MW-B	d	1,2-Dichloropropane	78-87-5	ug/L	9/12/2011	1	n/a	ND	
MW-B	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	9/12/2011	5	n/a	ND	
MW-B	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	9/12/2011	5	n/a	ND	
MW-B	d	1,2-Dichlorobenzene	95-50-1	ug/L	9/12/2011	1	n/a	ND	
MW-B	d	1,4-Dichlorobenzene	106-46-7	ug/L	9/12/2011	1	n/a	ND	
MW-B	d	Ethylbenzene	100-41-4	ug/L	9/12/2011	1	n/a	ND	
MW-B	d	2-Hexanone	591-78-6	ug/L	9/12/2011	10	n/a	ND	
MW-B	d	Bromomethane	74-83-9	ug/L	9/12/2011	4	n/a	ND	
MW-B	d	Chloromethane	74-87-3	ug/L	9/12/2011	3	n/a	ND	
MW-B	d	2-Butanone	78-93-3	ug/L	9/12/2011	10	n/a	ND	
MW-B	d	Iodomethane	74-88-4	ug/L	9/12/2011	50	n/a	ND	
MW-B	d	4-Methyl-2-pentanone	108-10-1	ug/L	9/12/2011	10	n/a	ND	
MW-B	d	Methylene Bromide	74-95-3	ug/L	9/12/2011	1	n/a	ND	
MW-B	d	Methylene Chloride	75-09-2	ug/L	9/12/2011	5	n/a	ND	
MW-B	d	Styrene	100-42-5	ug/L	9/12/2011	1	n/a	ND	
MW-B	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	9/12/2011	1	n/a	ND	
MW-B	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	9/12/2011	1	n/a	ND	
MW-B	d	Tetrachloroethene	127-18-4	ug/L	9/12/2011	1	n/a	ND	
MW-B	d	Toluene	108-88-3	ug/L	9/12/2011	1	n/a	ND	

Table 9A
Analytical Data Summary - Phase II MSWLF
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Phase II MSWLF and CWTS
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-B	d	1,1,1-Trichloroethane	71-55-6	ug/L	9/12/2011	1	n/a	ND	
MW-B	d	1,1,2-Trichloroethane	79-00-5	ug/L	9/12/2011	1	n/a	ND	
MW-B	d	Trichloroethene	79-01-6	ug/L	9/12/2011	1	n/a	ND	
MW-B	d	Trichlorofluoromethane	75-69-4	ug/L	9/12/2011	4	n/a	ND	
MW-B	d	1,2,3-Trichloropropane	96-18-4	ug/L	9/12/2011	1	n/a	ND	
MW-B	d	Vinyl acetate	108-05-4	ug/L	9/12/2011	2	n/a	ND	
MW-B	d	Vinyl chloride	75-01-4	ug/L	9/12/2011	1	n/a	ND	
MW-B	d	Xylenes, total	1330-20-7	ug/L	9/12/2011	3	n/a	ND	
MW-C	d	Antimony	7440-36-0	mg/L	9/12/2011	0.006	n/a	ND	
MW-C	d	Arsenic	7440-38-2	mg/L	9/12/2011	0.001	n/a	ND	
MW-C	d	Barium	7440-39-3	mg/L	9/12/2011	n/a	n/a		0.587
MW-C	d	Beryllium	7440-41-7	mg/L	9/12/2011	0.001	n/a	ND	
MW-C	d	Cadmium	7440-43-9	mg/L	9/12/2011	0.0005	n/a	ND	
MW-C	d	Chromium	7440-47-3	mg/L	9/12/2011	0.02	n/a	ND	
MW-C	d	Cobalt	7440-48-4	mg/L	9/12/2011	0.00155	n/a	ND	
MW-C	d	Copper	7440-50-8	mg/L	9/12/2011	0.02	n/a	ND	
MW-C	d	Lead	7439-92-1	mg/L	9/12/2011	0.004	n/a	ND	
MW-C	d	Nickel	7440-02-0	mg/L	9/12/2011	0.05	n/a	ND	
MW-C	d	Selenium	7782-49-2	mg/L	9/12/2011	0.005	n/a	ND	
MW-C	d	Silver	7440-22-4	mg/L	9/12/2011	0.02	n/a	ND	
MW-C	d	Thallium	7440-28-0	mg/L	9/12/2011	0.002	n/a	ND	
MW-C	d	Vanadium	7440-62-2	mg/L	9/12/2011	0.05	n/a	ND	
MW-C	d	Zinc	7440-66-6	mg/L	9/12/2011	0.02	n/a	ND	
MW-C	d	Acetone	67-64-1	ug/L	9/12/2011	10	n/a	ND	
MW-C	d	Acrylonitrile	107-13-1	ug/L	9/12/2011	10	n/a	ND	
MW-C	d	Benzene	71-43-2	ug/L	9/12/2011	0.5	n/a	ND	
MW-C	d	Bromochloromethane	74-97-5	ug/L	9/12/2011	5	n/a	ND	
MW-C	d	Bromodichloromethane	75-27-4	ug/L	9/12/2011	1	n/a	ND	
MW-C	d	Bromoform	75-25-2	ug/L	9/12/2011	5	n/a	ND	
MW-C	d	Carbon disulfide	75-15-0	ug/L	9/12/2011	1	n/a	ND	
MW-C	d	Carbon Tetrachloride	56-23-5	ug/L	9/12/2011	2	n/a	ND	
MW-C	d	Chlorobenzene	108-90-7	ug/L	9/12/2011	1	n/a	ND	
MW-C	d	Chloroethane	75-00-3	ug/L	9/12/2011	4	n/a	ND	
MW-C	d	Chloroform	67-66-3	ug/L	9/12/2011	1	n/a	ND	
MW-C	d	Chlorodibromomethane	124-48-1	ug/L	9/12/2011	5	n/a	ND	
MW-C	d	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	9/12/2011	0.12	n/a	ND	
MW-C	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	9/12/2011	0.13	n/a	ND	
MW-C	d	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	9/12/2011	10	n/a	ND	
MW-C	d	1,1-Dichloroethane	75-34-3	ug/L	9/12/2011	1	n/a	ND	
MW-C	d	1,2-Dichloroethane	107-06-2	ug/L	9/12/2011	1	n/a	ND	
MW-C	d	1,1-Dichloroethene	75-35-4	ug/L	9/12/2011	2	n/a	ND	
MW-C	d	cis-1,2-Dichloroethene	156-59-2	ug/L	9/12/2011	1	n/a	ND	
MW-C	d	trans-1,2-Dichloroethene	156-60-5	ug/L	9/12/2011	1	n/a	ND	
MW-C	d	1,2-Dichloropropane	78-87-5	ug/L	9/12/2011	1	n/a	ND	
MW-C	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	9/12/2011	5	n/a	ND	
MW-C	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	9/12/2011	5	n/a	ND	
MW-C	d	1,2-Dichlorobenzene	95-50-1	ug/L	9/12/2011	1	n/a	ND	
MW-C	d	1,4-Dichlorobenzene	106-46-7	ug/L	9/12/2011	1	n/a	ND	
MW-C	d	Ethylbenzene	100-41-4	ug/L	9/12/2011	1	n/a	ND	
MW-C	d	2-Hexanone	591-78-6	ug/L	9/12/2011	10	n/a	ND	
MW-C	d	Bromomethane	74-83-9	ug/L	9/12/2011	4	n/a	ND	
MW-C	d	Chloromethane	74-87-3	ug/L	9/12/2011	3	n/a	ND	
MW-C	d	2-Butanone	78-93-3	ug/L	9/12/2011	10	n/a	ND	
MW-C	d	Iodomethane	74-88-4	ug/L	9/12/2011	50	n/a	ND	
MW-C	d	4-Methyl-2-pentanone	108-10-1	ug/L	9/12/2011	10	n/a	ND	
MW-C	d	Methylene Bromide	74-95-3	ug/L	9/12/2011	1	n/a	ND	
MW-C	d	Methylene Chloride	75-09-2	ug/L	9/12/2011	5	n/a	ND	
MW-C	d	Styrene	100-42-5	ug/L	9/12/2011	1	n/a	ND	
MW-C	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	9/12/2011	1	n/a	ND	
MW-C	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	9/12/2011	1	n/a	ND	
MW-C	d	Tetrachloroethene	127-18-4	ug/L	9/12/2011	1	n/a	ND	
MW-C	d	Toluene	108-88-3	ug/L	9/12/2011	1	n/a	ND	
MW-C	d	1,1,1-Trichloroethane	71-55-6	ug/L	9/12/2011	1	n/a	ND	
MW-C	d	1,1,2-Trichloroethane	79-00-5	ug/L	9/12/2011	1	n/a	ND	
MW-C	d	Trichloroethene	79-01-6	ug/L	9/12/2011	1	n/a	ND	
MW-C	d	Trichlorofluoromethane	75-69-4	ug/L	9/12/2011	4	n/a	ND	
MW-C	d	1,2,3-Trichloropropane	96-18-4	ug/L	9/12/2011	1	n/a	ND	
MW-C	d	Vinyl acetate	108-05-4	ug/L	9/12/2011	2	n/a	ND	
MW-C	d	Vinyl chloride	75-01-4	ug/L	9/12/2011	1	n/a	ND	
MW-C	d	Xylenes, total	1330-20-7	ug/L	9/12/2011	3	n/a	ND	
MW-26	u	Cobalt	7440-48-4	mg/L	10/6/2011	0.00155	n/a	ND	
MW-26	u	Cobalt	7440-48-4	mg/L	1/26/2012	0.00155	n/a	ND	
GU-18	d	Antimony	7440-36-0	mg/L	3/6/2012	0.006	n/a	ND	
GU-18	d	Arsenic	7440-38-2	mg/L	3/6/2012	0.001	n/a	ND	
GU-18	d	Barium	7440-39-3	mg/L	3/6/2012	n/a	n/a		0.0494

Table 9A
Analytical Data Summary - Phase II MSWLF
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Phase II MSWLF and CWTS
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Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
GU-18	d	Beryllium	7440-41-7	mg/L	3/6/2012	0.001	n/a	ND	
GU-18	d	Cadmium	7440-43-9	mg/L	3/6/2012	0.0005	n/a	ND	
GU-18	d	Chromium	7440-47-3	mg/L	3/6/2012	0.02	n/a	ND	
GU-18	d	Cobalt	7440-48-4	mg/L	3/6/2012	0.00155	n/a	ND	
GU-18	d	Copper	7440-50-8	mg/L	3/6/2012	0.02	n/a	ND	
GU-18	d	Lead	7439-92-1	mg/L	3/6/2012	0.004	n/a	ND	
GU-18	d	Nickel	7440-02-0	mg/L	3/6/2012	0.05	n/a	ND	
GU-18	d	Selenium	7782-49-2	mg/L	3/6/2012	0.005	n/a	ND	
GU-18	d	Silver	7440-22-4	mg/L	3/6/2012	0.02	n/a	ND	
GU-18	d	Thallium	7440-28-0	mg/L	3/6/2012	0.002	n/a	ND	
GU-18	d	Vanadium	7440-62-2	mg/L	3/6/2012	0.05	n/a	ND	
GU-18	d	Zinc	7440-66-6	mg/L	3/6/2012	0.02	n/a	ND	
GU-18	d	Acetone	67-64-1	ug/L	3/6/2012	10	n/a	ND	
GU-18	d	Acrylonitrile	107-13-1	ug/L	3/6/2012	10	n/a	ND	
GU-18	d	Benzene	71-43-2	ug/L	3/6/2012	0.5	n/a	ND	
GU-18	d	Bromochloromethane	74-97-5	ug/L	3/6/2012	5	n/a	ND	
GU-18	d	Bromodichloromethane	75-27-4	ug/L	3/6/2012	1	n/a	ND	
GU-18	d	Bromoform	75-25-2	ug/L	3/6/2012	5	n/a	ND	
GU-18	d	Carbon disulfide	75-15-0	ug/L	3/6/2012	1	n/a	ND	
GU-18	d	Carbon Tetrachloride	56-23-5	ug/L	3/6/2012	2	n/a	ND	
GU-18	d	Chlorobenzene	108-90-7	ug/L	3/6/2012	1	n/a	ND	
GU-18	d	Chloroethane	75-00-3	ug/L	3/6/2012	4	n/a	ND	
GU-18	d	Chloroform	67-66-3	ug/L	3/6/2012	1	n/a	ND	
GU-18	d	Chlorodibromomethane	124-48-1	ug/L	3/6/2012	5	n/a	ND	
GU-18	d	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	3/6/2012	0.12	n/a	ND	
GU-18	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	3/6/2012	0.13	n/a	ND	
GU-18	d	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	3/6/2012	10	n/a	ND	
GU-18	d	1,1-Dichloroethane	75-34-3	ug/L	3/6/2012	1	n/a	ND	
GU-18	d	1,2-Dichloroethane	107-06-2	ug/L	3/6/2012	1	n/a	ND	
GU-18	d	1,1-Dichloroethene	75-35-4	ug/L	3/6/2012	2	n/a	ND	
GU-18	d	cis-1,2-Dichloroethene	156-59-2	ug/L	3/6/2012	1	n/a	ND	
GU-18	d	trans-1,2-Dichloroethene	156-60-5	ug/L	3/6/2012	1	n/a	ND	
GU-18	d	1,2-Dichloropropane	78-87-5	ug/L	3/6/2012	1	n/a	ND	
GU-18	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	3/6/2012	5	n/a	ND	
GU-18	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	3/6/2012	5	n/a	ND	
GU-18	d	1,2-Dichlorobenzene	95-50-1	ug/L	3/6/2012	1	n/a	ND	
GU-18	d	1,4-Dichlorobenzene	106-46-7	ug/L	3/6/2012	1	n/a	ND	
GU-18	d	Ethylbenzene	100-41-4	ug/L	3/6/2012	1	n/a	ND	
GU-18	d	2-Hexanone	591-78-6	ug/L	3/6/2012	10	n/a	ND	
GU-18	d	Bromomethane	74-83-9	ug/L	3/6/2012	4	n/a	ND	
GU-18	d	Chloromethane	74-87-3	ug/L	3/6/2012	3	n/a	ND	
GU-18	d	2-Butanone	78-93-3	ug/L	3/6/2012	10	n/a	ND	
GU-18	d	Iodomethane	74-88-4	ug/L	3/6/2012	10	n/a	ND	
GU-18	d	4-Methyl-2-pentanone	108-10-1	ug/L	3/6/2012	10	n/a	ND	
GU-18	d	Methylene Bromide	74-95-3	ug/L	3/6/2012	1	n/a	ND	
GU-18	d	Methylene Chloride	75-09-2	ug/L	3/6/2012	5	n/a	ND	
GU-18	d	Styrene	100-42-5	ug/L	3/6/2012	1	n/a	ND	
GU-18	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	3/6/2012	1	n/a	ND	
GU-18	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	3/6/2012	1	n/a	ND	
GU-18	d	Tetrachloroethene	127-18-4	ug/L	3/6/2012	1	n/a	ND	
GU-18	d	Toluene	108-88-3	ug/L	3/6/2012	1	n/a	ND	
GU-18	d	1,1,1-Trichloroethane	71-55-6	ug/L	3/6/2012	1	n/a	ND	
GU-18	d	1,1,2-Trichloroethane	79-00-5	ug/L	3/6/2012	1	n/a	ND	
GU-18	d	Trichloroethene	79-01-6	ug/L	3/6/2012	1	n/a	ND	
GU-18	d	Trichlorofluoromethane	75-69-4	ug/L	3/6/2012	4	n/a	ND	
GU-18	d	1,2,3-Trichloropropane	96-18-4	ug/L	3/6/2012	1	n/a	ND	
GU-18	d	Vinyl acetate	108-05-4	ug/L	3/6/2012	2	n/a	ND	
GU-18	d	Vinyl chloride	75-01-4	ug/L	3/6/2012	1	n/a	ND	
GU-18	d	Xylenes, total	1330-20-7	ug/L	3/6/2012	3	n/a	ND	
GU-3	d	Antimony	7440-36-0	mg/L	4/11/2012	0.006	n/a	ND	
GU-3	d	Antimony	7440-36-0	mg/L	4/11/2012	0.006	n/a	ND	
GU-3	d	Arsenic	7440-38-2	mg/L	4/11/2012	0.001	n/a	ND	
GU-3	d	Arsenic	7440-38-2	mg/L	4/11/2012	n/a	n/a		0.00135
GU-3	d	Barium	7440-39-3	mg/L	4/11/2012	n/a	n/a		0.175
GU-3	d	Barium	7440-39-3	mg/L	4/11/2012	n/a	n/a		0.189
GU-3	d	Beryllium	7440-41-7	mg/L	4/11/2012	0.001	n/a	ND	
GU-3	d	Beryllium	7440-41-7	mg/L	4/11/2012	0.001	n/a	ND	
GU-3	d	Cadmium	7440-43-9	mg/L	4/11/2012	0.0005	n/a	ND	
GU-3	d	Cadmium	7440-43-9	mg/L	4/11/2012	0.0005	n/a	ND	
GU-3	d	Chromium	7440-47-3	mg/L	4/11/2012	0.02	n/a	ND	
GU-3	d	Chromium	7440-47-3	mg/L	4/11/2012	0.02	n/a	ND	
GU-3	d	Cobalt	7440-48-4	mg/L	4/11/2012	0.00155	n/a	ND	
GU-3	d	Cobalt	7440-48-4	mg/L	4/11/2012	n/a	n/a		0.00226
GU-3	d	Copper	7440-50-8	mg/L	4/11/2012	0.02	n/a	ND	
GU-3	d	Copper	7440-50-8	mg/L	4/11/2012	0.02	n/a	ND	

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Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
GU-3	d	Lead	7439-92-1	mg/L	4/11/2012	0.004	n/a	ND	
GU-3	d	Lead	7439-92-1	mg/L	4/11/2012	0.004	n/a	ND	
GU-3	d	Nickel	7440-02-0	mg/L	4/11/2012	0.05	n/a	ND	
GU-3	d	Nickel	7440-02-0	mg/L	4/11/2012	0.05	n/a	ND	
GU-3	d	Selenium	7782-49-2	mg/L	4/11/2012	0.005	n/a	ND	
GU-3	d	Selenium	7782-49-2	mg/L	4/11/2012	0.005	n/a	ND	
GU-3	d	Silver	7440-22-4	mg/L	4/11/2012	0.02	n/a	ND	
GU-3	d	Silver	7440-22-4	mg/L	4/11/2012	0.02	n/a	ND	
GU-3	d	Thallium	7440-28-0	mg/L	4/11/2012	0.002	n/a	ND	
GU-3	d	Thallium	7440-28-0	mg/L	4/11/2012	0.002	n/a	ND	
GU-3	d	Vanadium	7440-62-2	mg/L	4/11/2012	0.05	n/a	ND	
GU-3	d	Vanadium	7440-62-2	mg/L	4/11/2012	0.05	n/a	ND	
GU-3	d	Zinc	7440-66-6	mg/L	4/11/2012	0.02	n/a	ND	
GU-3	d	Zinc	7440-66-6	mg/L	4/11/2012	0.02	n/a	ND	
GU-3	d	Acetone	67-64-1	ug/L	4/11/2012	10	n/a	ND	
GU-3	d	Acetone	67-64-1	ug/L	4/11/2012	10	n/a	ND	
GU-3	d	Acrylonitrile	107-13-1	ug/L	4/11/2012	10	n/a	ND	
GU-3	d	Acrylonitrile	107-13-1	ug/L	4/11/2012	10	n/a	ND	
GU-3	d	Benzene	71-43-2	ug/L	4/11/2012	0.5	n/a	ND	
GU-3	d	Benzene	71-43-2	ug/L	4/11/2012	0.5	n/a	ND	
GU-3	d	Bromochloromethane	74-97-5	ug/L	4/11/2012	5	n/a	ND	
GU-3	d	Bromochloromethane	74-97-5	ug/L	4/11/2012	5	n/a	ND	
GU-3	d	Bromodichloromethane	75-27-4	ug/L	4/11/2012	1	n/a	ND	
GU-3	d	Bromodichloromethane	75-27-4	ug/L	4/11/2012	1	n/a	ND	
GU-3	d	Bromoform	75-25-2	ug/L	4/11/2012	5	n/a	ND	
GU-3	d	Bromoform	75-25-2	ug/L	4/11/2012	5	n/a	ND	
GU-3	d	Carbon disulfide	75-15-0	ug/L	4/11/2012	1	n/a	ND	
GU-3	d	Carbon disulfide	75-15-0	ug/L	4/11/2012	1	n/a	ND	
GU-3	d	Carbon Tetrachloride	56-23-5	ug/L	4/11/2012	2	n/a	ND	
GU-3	d	Carbon Tetrachloride	56-23-5	ug/L	4/11/2012	2	n/a	ND	
GU-3	d	Chlorobenzene	108-90-7	ug/L	4/11/2012	1	n/a	ND	
GU-3	d	Chlorobenzene	108-90-7	ug/L	4/11/2012	1	n/a	ND	
GU-3	d	Chloroethane	75-00-3	ug/L	4/11/2012	4	n/a	ND	
GU-3	d	Chloroethane	75-00-3	ug/L	4/11/2012	4	n/a	ND	
GU-3	d	Chloroform	67-66-3	ug/L	4/11/2012	1	n/a	ND	
GU-3	d	Chloroform	67-66-3	ug/L	4/11/2012	1	n/a	ND	
GU-3	d	Chlorodibromomethane	124-48-1	ug/L	4/11/2012	5	n/a	ND	
GU-3	d	Chlorodibromomethane	124-48-1	ug/L	4/11/2012	5	n/a	ND	
GU-3	d	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	4/11/2012	0.12	n/a	ND	
GU-3	d	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	4/11/2012	0.12	n/a	ND	
GU-3	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	4/11/2012	0.13	n/a	ND	
GU-3	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	4/11/2012	0.13	n/a	ND	
GU-3	d	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	4/11/2012	20	n/a	ND	
GU-3	d	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	4/11/2012	20	n/a	ND	
GU-3	d	1,1-Dichloroethane	75-34-3	ug/L	4/11/2012	1	n/a	ND	
GU-3	d	1,1-Dichloroethane	75-34-3	ug/L	4/11/2012	1	n/a	ND	
GU-3	d	1,2-Dichloroethane	107-06-2	ug/L	4/11/2012	1	n/a	ND	
GU-3	d	1,2-Dichloroethane	107-06-2	ug/L	4/11/2012	1	n/a	ND	
GU-3	d	1,1-Dichloroethene	75-35-4	ug/L	4/11/2012	2	n/a	ND	
GU-3	d	1,1-Dichloroethene	75-35-4	ug/L	4/11/2012	2	n/a	ND	
GU-3	d	cis-1,2-Dichloroethene	156-59-2	ug/L	4/11/2012	1	n/a	ND	
GU-3	d	cis-1,2-Dichloroethene	156-59-2	ug/L	4/11/2012	1	n/a	ND	
GU-3	d	trans-1,2-Dichloroethene	156-60-5	ug/L	4/11/2012	1	n/a	ND	
GU-3	d	trans-1,2-Dichloroethene	156-60-5	ug/L	4/11/2012	1	n/a	ND	
GU-3	d	1,2-Dichloropropane	78-87-5	ug/L	4/11/2012	1	n/a	ND	
GU-3	d	1,2-Dichloropropane	78-87-5	ug/L	4/11/2012	1	n/a	ND	
GU-3	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	4/11/2012	5	n/a	ND	
GU-3	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	4/11/2012	5	n/a	ND	
GU-3	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	4/11/2012	5	n/a	ND	
GU-3	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	4/11/2012	5	n/a	ND	
GU-3	d	1,2-Dichlorobenzene	95-50-1	ug/L	4/11/2012	1	n/a	ND	
GU-3	d	1,2-Dichlorobenzene	95-50-1	ug/L	4/11/2012	1	n/a	ND	
GU-3	d	1,4-Dichlorobenzene	106-46-7	ug/L	4/11/2012	1	n/a	ND	
GU-3	d	1,4-Dichlorobenzene	106-46-7	ug/L	4/11/2012	1	n/a	ND	
GU-3	d	Ethylbenzene	100-41-4	ug/L	4/11/2012	1	n/a	ND	
GU-3	d	Ethylbenzene	100-41-4	ug/L	4/11/2012	1	n/a	ND	
GU-3	d	2-Hexanone	591-78-6	ug/L	4/11/2012	10	n/a	ND	
GU-3	d	2-Hexanone	591-78-6	ug/L	4/11/2012	10	n/a	ND	
GU-3	d	Bromomethane	74-83-9	ug/L	4/11/2012	4	n/a	ND	
GU-3	d	Bromomethane	74-83-9	ug/L	4/11/2012	4	n/a	ND	
GU-3	d	Chloromethane	74-87-3	ug/L	4/11/2012	3	n/a	ND	
GU-3	d	Chloromethane	74-87-3	ug/L	4/11/2012	3	n/a	ND	
GU-3	d	2-Butanone	78-93-3	ug/L	4/11/2012	10	n/a	ND	
GU-3	d	2-Butanone	78-93-3	ug/L	4/11/2012	10	n/a	ND	
GU-3	d	Iodomethane	74-88-4	ug/L	4/11/2012	10	n/a	ND	

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Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
GU-3	d	Iodomethane	74-88-4	ug/L	4/11/2012	10	n/a	ND	
GU-3	d	4-Methyl-2-pentanone	108-10-1	ug/L	4/11/2012	10	n/a	ND	
GU-3	d	4-Methyl-2-pentanone	108-10-1	ug/L	4/11/2012	10	n/a	ND	
GU-3	d	Methylene Bromide	74-95-3	ug/L	4/11/2012	1	n/a	ND	
GU-3	d	Methylene Bromide	74-95-3	ug/L	4/11/2012	1	n/a	ND	
GU-3	d	Methylene Chloride	75-09-2	ug/L	4/11/2012	5	n/a	ND	
GU-3	d	Methylene Chloride	75-09-2	ug/L	4/11/2012	5	n/a	ND	
GU-3	d	Styrene	100-42-5	ug/L	4/11/2012	1	n/a	ND	
GU-3	d	Styrene	100-42-5	ug/L	4/11/2012	1	n/a	ND	
GU-3	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	4/11/2012	1	n/a	ND	
GU-3	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	4/11/2012	1	n/a	ND	
GU-3	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	4/11/2012	1	n/a	ND	
GU-3	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	4/11/2012	1	n/a	ND	
GU-3	d	Tetrachloroethene	127-18-4	ug/L	4/11/2012	1	n/a	ND	
GU-3	d	Tetrachloroethene	127-18-4	ug/L	4/11/2012	1	n/a	ND	
GU-3	d	Toluene	108-88-3	ug/L	4/11/2012	1	n/a	ND	
GU-3	d	Toluene	108-88-3	ug/L	4/11/2012	1	n/a	ND	
GU-3	d	1,1,1-Trichloroethane	71-55-6	ug/L	4/11/2012	1	n/a	ND	
GU-3	d	1,1,1-Trichloroethane	71-55-6	ug/L	4/11/2012	1	n/a	ND	
GU-3	d	1,1,2-Trichloroethane	79-00-5	ug/L	4/11/2012	1	n/a	ND	
GU-3	d	1,1,2-Trichloroethane	79-00-5	ug/L	4/11/2012	1	n/a	ND	
GU-3	d	Trichloroethene	79-01-6	ug/L	4/11/2012	1	n/a	ND	
GU-3	d	Trichloroethene	79-01-6	ug/L	4/11/2012	1	n/a	ND	
GU-3	d	Trichlorofluoromethane	75-69-4	ug/L	4/11/2012	4	n/a	ND	
GU-3	d	Trichlorofluoromethane	75-69-4	ug/L	4/11/2012	4	n/a	ND	
GU-3	d	1,2,3-Trichloropropane	96-18-4	ug/L	4/11/2012	1	n/a	ND	
GU-3	d	1,2,3-Trichloropropane	96-18-4	ug/L	4/11/2012	1	n/a	ND	
GU-3	d	Vinyl acetate	108-05-4	ug/L	4/11/2012	20	n/a	ND	
GU-3	d	Vinyl acetate	108-05-4	ug/L	4/11/2012	20	n/a	ND	
GU-3	d	Vinyl chloride	75-01-4	ug/L	4/11/2012	1	n/a	ND	
GU-3	d	Vinyl chloride	75-01-4	ug/L	4/11/2012	1	n/a	ND	
GU-3	d	Xylenes, total	1330-20-7	ug/L	4/11/2012	3	n/a	ND	
GU-3	d	Xylenes, total	1330-20-7	ug/L	4/11/2012	3	n/a	ND	
GU-3BG	u	Antimony	7440-36-0	mg/L	4/11/2012	0.006	n/a	ND	
GU-3BG	u	Antimony	7440-36-0	mg/L	4/11/2012	0.006	n/a	ND	
GU-3BG	u	Arsenic	7440-38-2	mg/L	4/11/2012	0.001	n/a	ND	
GU-3BG	u	Arsenic	7440-38-2	mg/L	4/11/2012	n/a	n/a		0.00135
GU-3BG	u	Barium	7440-39-3	mg/L	4/11/2012	n/a	n/a		0.189
GU-3BG	u	Barium	7440-39-3	mg/L	4/11/2012	n/a	n/a		0.175
GU-3BG	u	Beryllium	7440-41-7	mg/L	4/11/2012	0.001	n/a	ND	
GU-3BG	u	Beryllium	7440-41-7	mg/L	4/11/2012	0.001	n/a	ND	
GU-3BG	u	Cadmium	7440-43-9	mg/L	4/11/2012	0.0005	n/a	ND	
GU-3BG	u	Cadmium	7440-43-9	mg/L	4/11/2012	0.0005	n/a	ND	
GU-3BG	u	Chromium	7440-47-3	mg/L	4/11/2012	0.02	n/a	ND	
GU-3BG	u	Chromium	7440-47-3	mg/L	4/11/2012	0.02	n/a	ND	
GU-3BG	u	Cobalt	7440-48-4	mg/L	4/11/2012	0.00155	n/a	ND	
GU-3BG	u	Cobalt	7440-48-4	mg/L	4/11/2012	n/a	n/a		0.00226
GU-3BG	u	Copper	7440-50-8	mg/L	4/11/2012	0.02	n/a	ND	
GU-3BG	u	Copper	7440-50-8	mg/L	4/11/2012	0.02	n/a	ND	
GU-3BG	u	Lead	7439-92-1	mg/L	4/11/2012	0.004	n/a	ND	
GU-3BG	u	Lead	7439-92-1	mg/L	4/11/2012	0.004	n/a	ND	
GU-3BG	u	Nickel	7440-02-0	mg/L	4/11/2012	0.05	n/a	ND	
GU-3BG	u	Nickel	7440-02-0	mg/L	4/11/2012	0.05	n/a	ND	
GU-3BG	u	Selenium	7782-49-2	mg/L	4/11/2012	0.005	n/a	ND	
GU-3BG	u	Selenium	7782-49-2	mg/L	4/11/2012	0.005	n/a	ND	
GU-3BG	u	Silver	7440-22-4	mg/L	4/11/2012	0.02	n/a	ND	
GU-3BG	u	Silver	7440-22-4	mg/L	4/11/2012	0.02	n/a	ND	
GU-3BG	u	Thallium	7440-28-0	mg/L	4/11/2012	0.002	n/a	ND	
GU-3BG	u	Thallium	7440-28-0	mg/L	4/11/2012	0.002	n/a	ND	
GU-3BG	u	Vanadium	7440-62-2	mg/L	4/11/2012	0.05	n/a	ND	
GU-3BG	u	Vanadium	7440-62-2	mg/L	4/11/2012	0.05	n/a	ND	
GU-3BG	u	Zinc	7440-66-6	mg/L	4/11/2012	0.02	n/a	ND	
GU-3BG	u	Zinc	7440-66-6	mg/L	4/11/2012	0.02	n/a	ND	
GU-3BG	u	Acetone	67-64-1	ug/L	4/11/2012	10	n/a	ND	
GU-3BG	u	Acetone	67-64-1	ug/L	4/11/2012	10	n/a	ND	
GU-3BG	u	Acrylonitrile	107-13-1	ug/L	4/11/2012	10	n/a	ND	
GU-3BG	u	Acrylonitrile	107-13-1	ug/L	4/11/2012	10	n/a	ND	
GU-3BG	u	Benzene	71-43-2	ug/L	4/11/2012	0.5	n/a	ND	
GU-3BG	u	Benzene	71-43-2	ug/L	4/11/2012	0.5	n/a	ND	
GU-3BG	u	Bromochloromethane	74-97-5	ug/L	4/11/2012	5	n/a	ND	
GU-3BG	u	Bromochloromethane	74-97-5	ug/L	4/11/2012	5	n/a	ND	
GU-3BG	u	Bromodichloromethane	75-27-4	ug/L	4/11/2012	1	n/a	ND	
GU-3BG	u	Bromodichloromethane	75-27-4	ug/L	4/11/2012	1	n/a	ND	
GU-3BG	u	Bromoform	75-25-2	ug/L	4/11/2012	5	n/a	ND	
GU-3BG	u	Bromoform	75-25-2	ug/L	4/11/2012	5	n/a	ND	

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Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
GU-3BG	u	Carbon disulfide	75-15-0	ug/L	4/11/2012	1	n/a	ND	
GU-3BG	u	Carbon disulfide	75-15-0	ug/L	4/11/2012	1	n/a	ND	
GU-3BG	u	Carbon Tetrachloride	56-23-5	ug/L	4/11/2012	2	n/a	ND	
GU-3BG	u	Carbon Tetrachloride	56-23-5	ug/L	4/11/2012	2	n/a	ND	
GU-3BG	u	Chlorobenzene	108-90-7	ug/L	4/11/2012	1	n/a	ND	
GU-3BG	u	Chlorobenzene	108-90-7	ug/L	4/11/2012	1	n/a	ND	
GU-3BG	u	Chloroethane	75-00-3	ug/L	4/11/2012	4	n/a	ND	
GU-3BG	u	Chloroethane	75-00-3	ug/L	4/11/2012	4	n/a	ND	
GU-3BG	u	Chloroform	67-66-3	ug/L	4/11/2012	1	n/a	ND	
GU-3BG	u	Chloroform	67-66-3	ug/L	4/11/2012	1	n/a	ND	
GU-3BG	u	Chlorodibromomethane	124-48-1	ug/L	4/11/2012	5	n/a	ND	
GU-3BG	u	Chlorodibromomethane	124-48-1	ug/L	4/11/2012	5	n/a	ND	
GU-3BG	u	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	4/11/2012	0.12	n/a	ND	
GU-3BG	u	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	4/11/2012	0.12	n/a	ND	
GU-3BG	u	1,2-Dibromoethane [EDB]	106-93-4	ug/L	4/11/2012	0.13	n/a	ND	
GU-3BG	u	1,2-Dibromoethane [EDB]	106-93-4	ug/L	4/11/2012	0.13	n/a	ND	
GU-3BG	u	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	4/11/2012	20	n/a	ND	
GU-3BG	u	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	4/11/2012	20	n/a	ND	
GU-3BG	u	1,1-Dichloroethane	75-34-3	ug/L	4/11/2012	1	n/a	ND	
GU-3BG	u	1,1-Dichloroethane	75-34-3	ug/L	4/11/2012	1	n/a	ND	
GU-3BG	u	1,2-Dichloroethane	107-06-2	ug/L	4/11/2012	1	n/a	ND	
GU-3BG	u	1,2-Dichloroethane	107-06-2	ug/L	4/11/2012	1	n/a	ND	
GU-3BG	u	1,1-Dichloroethene	75-35-4	ug/L	4/11/2012	2	n/a	ND	
GU-3BG	u	1,1-Dichloroethene	75-35-4	ug/L	4/11/2012	2	n/a	ND	
GU-3BG	u	cis-1,2-Dichloroethene	156-59-2	ug/L	4/11/2012	1	n/a	ND	
GU-3BG	u	cis-1,2-Dichloroethene	156-59-2	ug/L	4/11/2012	1	n/a	ND	
GU-3BG	u	trans-1,2-Dichloroethene	156-60-5	ug/L	4/11/2012	1	n/a	ND	
GU-3BG	u	trans-1,2-Dichloroethene	156-60-5	ug/L	4/11/2012	1	n/a	ND	
GU-3BG	u	1,2-Dichloropropane	78-87-5	ug/L	4/11/2012	1	n/a	ND	
GU-3BG	u	1,2-Dichloropropane	78-87-5	ug/L	4/11/2012	1	n/a	ND	
GU-3BG	u	cis-1,3-Dichloropropene	10061-01-5	ug/L	4/11/2012	5	n/a	ND	
GU-3BG	u	cis-1,3-Dichloropropene	10061-01-5	ug/L	4/11/2012	5	n/a	ND	
GU-3BG	u	trans-1,3-Dichloropropene	10061-02-6	ug/L	4/11/2012	5	n/a	ND	
GU-3BG	u	trans-1,3-Dichloropropene	10061-02-6	ug/L	4/11/2012	5	n/a	ND	
GU-3BG	u	1,2-Dichlorobenzene	95-50-1	ug/L	4/11/2012	1	n/a	ND	
GU-3BG	u	1,2-Dichlorobenzene	95-50-1	ug/L	4/11/2012	1	n/a	ND	
GU-3BG	u	1,4-Dichlorobenzene	106-46-7	ug/L	4/11/2012	1	n/a	ND	
GU-3BG	u	1,4-Dichlorobenzene	106-46-7	ug/L	4/11/2012	1	n/a	ND	
GU-3BG	u	Ethylbenzene	100-41-4	ug/L	4/11/2012	1	n/a	ND	
GU-3BG	u	Ethylbenzene	100-41-4	ug/L	4/11/2012	1	n/a	ND	
GU-3BG	u	2-Hexanone	591-78-6	ug/L	4/11/2012	10	n/a	ND	
GU-3BG	u	2-Hexanone	591-78-6	ug/L	4/11/2012	10	n/a	ND	
GU-3BG	u	Bromomethane	74-83-9	ug/L	4/11/2012	4	n/a	ND	
GU-3BG	u	Bromomethane	74-83-9	ug/L	4/11/2012	4	n/a	ND	
GU-3BG	u	Chloromethane	74-87-3	ug/L	4/11/2012	3	n/a	ND	
GU-3BG	u	Chloromethane	74-87-3	ug/L	4/11/2012	3	n/a	ND	
GU-3BG	u	2-Butanone	78-93-3	ug/L	4/11/2012	10	n/a	ND	
GU-3BG	u	2-Butanone	78-93-3	ug/L	4/11/2012	10	n/a	ND	
GU-3BG	u	Iodomethane	74-88-4	ug/L	4/11/2012	10	n/a	ND	
GU-3BG	u	Iodomethane	74-88-4	ug/L	4/11/2012	10	n/a	ND	
GU-3BG	u	4-Methyl-2-pentanone	108-10-1	ug/L	4/11/2012	10	n/a	ND	
GU-3BG	u	4-Methyl-2-pentanone	108-10-1	ug/L	4/11/2012	10	n/a	ND	
GU-3BG	u	Methylene Bromide	74-95-3	ug/L	4/11/2012	1	n/a	ND	
GU-3BG	u	Methylene Bromide	74-95-3	ug/L	4/11/2012	1	n/a	ND	
GU-3BG	u	Methylene Chloride	75-09-2	ug/L	4/11/2012	5	n/a	ND	
GU-3BG	u	Methylene Chloride	75-09-2	ug/L	4/11/2012	5	n/a	ND	
GU-3BG	u	Styrene	100-42-5	ug/L	4/11/2012	1	n/a	ND	
GU-3BG	u	Styrene	100-42-5	ug/L	4/11/2012	1	n/a	ND	
GU-3BG	u	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	4/11/2012	1	n/a	ND	
GU-3BG	u	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	4/11/2012	1	n/a	ND	
GU-3BG	u	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	4/11/2012	1	n/a	ND	
GU-3BG	u	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	4/11/2012	1	n/a	ND	
GU-3BG	u	Tetrachloroethene	127-18-4	ug/L	4/11/2012	1	n/a	ND	
GU-3BG	u	Tetrachloroethene	127-18-4	ug/L	4/11/2012	1	n/a	ND	
GU-3BG	u	Toluene	108-88-3	ug/L	4/11/2012	1	n/a	ND	
GU-3BG	u	Toluene	108-88-3	ug/L	4/11/2012	1	n/a	ND	
GU-3BG	u	1,1,1-Trichloroethane	71-55-6	ug/L	4/11/2012	1	n/a	ND	
GU-3BG	u	1,1,1-Trichloroethane	71-55-6	ug/L	4/11/2012	1	n/a	ND	
GU-3BG	u	1,1,2-Trichloroethane	79-00-5	ug/L	4/11/2012	1	n/a	ND	
GU-3BG	u	1,1,2-Trichloroethane	79-00-5	ug/L	4/11/2012	1	n/a	ND	
GU-3BG	u	Trichloroethene	79-01-6	ug/L	4/11/2012	1	n/a	ND	
GU-3BG	u	Trichloroethene	79-01-6	ug/L	4/11/2012	1	n/a	ND	
GU-3BG	u	Trichlorofluoromethane	75-69-4	ug/L	4/11/2012	4	n/a	ND	
GU-3BG	u	Trichlorofluoromethane	75-69-4	ug/L	4/11/2012	4	n/a	ND	
GU-3BG	u	1,2,3-Trichloropropane	96-18-4	ug/L	4/11/2012	1	n/a	ND	

Table 9A
Analytical Data Summary - Phase II MSWLF
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Phase II MSWLF and CWTS
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
GU-3BG	u	1,2,3-Trichloropropane	96-18-4	ug/L	4/11/2012	1	n/a	ND	
GU-3BG	u	Vinyl acetate	108-05-4	ug/L	4/11/2012	20	n/a	ND	
GU-3BG	u	Vinyl acetate	108-05-4	ug/L	4/11/2012	20	n/a	ND	
GU-3BG	u	Vinyl chloride	75-01-4	ug/L	4/11/2012	1	n/a	ND	
GU-3BG	u	Vinyl chloride	75-01-4	ug/L	4/11/2012	1	n/a	ND	
GU-3BG	u	Xylenes, total	1330-20-7	ug/L	4/11/2012	3	n/a	ND	
GU-3BG	u	Xylenes, total	1330-20-7	ug/L	4/11/2012	3	n/a	ND	
GU-4	d	Antimony	7440-36-0	mg/L	4/11/2012	0.006	n/a	ND	
GU-4	d	Arsenic	7440-38-2	mg/L	4/11/2012	0.001	n/a	ND	
GU-4	d	Barium	7440-39-3	mg/L	4/11/2012	n/a	n/a		0.0438
GU-4	d	Beryllium	7440-41-7	mg/L	4/11/2012	0.001	n/a	ND	
GU-4	d	Cadmium	7440-43-9	mg/L	4/11/2012	0.0005	n/a	ND	
GU-4	d	Chromium	7440-47-3	mg/L	4/11/2012	0.02	n/a	ND	
GU-4	d	Cobalt	7440-48-4	mg/L	4/11/2012	n/a	n/a		0.00246
GU-4	d	Copper	7440-50-8	mg/L	4/11/2012	0.02	n/a	ND	
GU-4	d	Lead	7439-92-1	mg/L	4/11/2012	0.004	n/a	ND	
GU-4	d	Nickel	7440-02-0	mg/L	4/11/2012	0.05	n/a	ND	
GU-4	d	Selenium	7782-49-2	mg/L	4/11/2012	0.005	n/a	ND	
GU-4	d	Silver	7440-22-4	mg/L	4/11/2012	0.02	n/a	ND	
GU-4	d	Thallium	7440-28-0	mg/L	4/11/2012	0.002	n/a	ND	
GU-4	d	Vanadium	7440-62-2	mg/L	4/11/2012	0.05	n/a	ND	
GU-4	d	Zinc	7440-66-6	mg/L	4/11/2012	0.02	n/a	ND	
GU-4	d	Acetone	67-64-1	ug/L	4/11/2012	10	n/a	ND	
GU-4	d	Acrylonitrile	107-13-1	ug/L	4/11/2012	10	n/a	ND	
GU-4	d	Benzene	71-43-2	ug/L	4/11/2012	0.5	n/a	ND	
GU-4	d	Bromochloromethane	74-97-5	ug/L	4/11/2012	5	n/a	ND	
GU-4	d	Bromodichloromethane	75-27-4	ug/L	4/11/2012	1	n/a	ND	
GU-4	d	Bromoform	75-25-2	ug/L	4/11/2012	5	n/a	ND	
GU-4	d	Carbon disulfide	75-15-0	ug/L	4/11/2012	1	n/a	ND	
GU-4	d	Carbon Tetrachloride	56-23-5	ug/L	4/11/2012	2	n/a	ND	
GU-4	d	Chlorobenzene	108-90-7	ug/L	4/11/2012	1	n/a	ND	
GU-4	d	Chloroethane	75-00-3	ug/L	4/11/2012	4	n/a	ND	
GU-4	d	Chloroform	67-66-3	ug/L	4/11/2012	1	n/a	ND	
GU-4	d	Chlorodibromomethane	124-48-1	ug/L	4/11/2012	5	n/a	ND	
GU-4	d	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	4/11/2012	0.12	n/a	ND	
GU-4	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	4/11/2012	0.13	n/a	ND	
GU-4	d	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	4/11/2012	20	n/a	ND	
GU-4	d	1,1-Dichloroethane	75-34-3	ug/L	4/11/2012	1	n/a	ND	
GU-4	d	1,2-Dichloroethane	107-06-2	ug/L	4/11/2012	1	n/a	ND	
GU-4	d	1,1-Dichloroethene	75-35-4	ug/L	4/11/2012	2	n/a	ND	
GU-4	d	cis-1,2-Dichloroethene	156-59-2	ug/L	4/11/2012	1	n/a	ND	
GU-4	d	trans-1,2-Dichloroethene	156-60-5	ug/L	4/11/2012	1	n/a	ND	
GU-4	d	1,2-Dichloropropane	78-87-5	ug/L	4/11/2012	1	n/a	ND	
GU-4	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	4/11/2012	5	n/a	ND	
GU-4	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	4/11/2012	5	n/a	ND	
GU-4	d	1,2-Dichlorobenzene	95-50-1	ug/L	4/11/2012	1	n/a	ND	
GU-4	d	1,4-Dichlorobenzene	106-46-7	ug/L	4/11/2012	1	n/a	ND	
GU-4	d	Ethylbenzene	100-41-4	ug/L	4/11/2012	1	n/a	ND	
GU-4	d	2-Hexanone	591-78-6	ug/L	4/11/2012	10	n/a	ND	
GU-4	d	Bromomethane	74-83-9	ug/L	4/11/2012	4	n/a	ND	
GU-4	d	Chloromethane	74-87-3	ug/L	4/11/2012	3	n/a	ND	
GU-4	d	2-Butanone	78-93-3	ug/L	4/11/2012	10	n/a	ND	
GU-4	d	Iodomethane	74-88-4	ug/L	4/11/2012	10	n/a	ND	
GU-4	d	4-Methyl-2-pentanone	108-10-1	ug/L	4/11/2012	10	n/a	ND	
GU-4	d	Methylene Bromide	74-95-3	ug/L	4/11/2012	1	n/a	ND	
GU-4	d	Methylene Chloride	75-09-2	ug/L	4/11/2012	5	n/a	ND	
GU-4	d	Styrene	100-42-5	ug/L	4/11/2012	1	n/a	ND	
GU-4	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	4/11/2012	1	n/a	ND	
GU-4	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	4/11/2012	1	n/a	ND	
GU-4	d	Tetrachloroethene	127-18-4	ug/L	4/11/2012	1	n/a	ND	
GU-4	d	Toluene	108-88-3	ug/L	4/11/2012	1	n/a	ND	
GU-4	d	1,1,1-Trichloroethane	71-55-6	ug/L	4/11/2012	1	n/a	ND	
GU-4	d	1,1,2-Trichloroethane	79-00-5	ug/L	4/11/2012	1	n/a	ND	
GU-4	d	Trichloroethene	79-01-6	ug/L	4/11/2012	1	n/a	ND	
GU-4	d	Trichlorofluoromethane	75-69-4	ug/L	4/11/2012	4	n/a	ND	
GU-4	d	1,2,3-Trichloropropane	96-18-4	ug/L	4/11/2012	1	n/a	ND	
GU-4	d	Vinyl acetate	108-05-4	ug/L	4/11/2012	20	n/a	ND	
GU-4	d	Vinyl chloride	75-01-4	ug/L	4/11/2012	1	n/a	ND	
GU-4	d	Xylenes, total	1330-20-7	ug/L	4/11/2012	3	n/a	ND	
GU-4BG	u	Antimony	7440-36-0	mg/L	4/11/2012	0.006	n/a	ND	
GU-4BG	u	Arsenic	7440-38-2	mg/L	4/11/2012	0.001	n/a	ND	
GU-4BG	u	Barium	7440-39-3	mg/L	4/11/2012	n/a	n/a		0.0438
GU-4BG	u	Beryllium	7440-41-7	mg/L	4/11/2012	0.001	n/a	ND	
GU-4BG	u	Cadmium	7440-43-9	mg/L	4/11/2012	0.0005	n/a	ND	
GU-4BG	u	Chromium	7440-47-3	mg/L	4/11/2012	0.02	n/a	ND	

Table 9A
Analytical Data Summary - Phase II MSWLF
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Phase II MSWLF and CWTS
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
GU-4BG	u	Cobalt	7440-48-4	mg/L	4/11/2012	n/a	n/a		0.00246
GU-4BG	u	Copper	7440-50-8	mg/L	4/11/2012	0.02	n/a	ND	
GU-4BG	u	Lead	7439-92-1	mg/L	4/11/2012	0.004	n/a	ND	
GU-4BG	u	Nickel	7440-02-0	mg/L	4/11/2012	0.05	n/a	ND	
GU-4BG	u	Selenium	7782-49-2	mg/L	4/11/2012	0.005	n/a	ND	
GU-4BG	u	Silver	7440-22-4	mg/L	4/11/2012	0.02	n/a	ND	
GU-4BG	u	Thallium	7440-28-0	mg/L	4/11/2012	0.002	n/a	ND	
GU-4BG	u	Vanadium	7440-62-2	mg/L	4/11/2012	0.05	n/a	ND	
GU-4BG	u	Zinc	7440-66-6	mg/L	4/11/2012	0.02	n/a	ND	
GU-4BG	u	Acetone	67-64-1	ug/L	4/11/2012	10	n/a	ND	
GU-4BG	u	Acrylonitrile	107-13-1	ug/L	4/11/2012	10	n/a	ND	
GU-4BG	u	Benzene	71-43-2	ug/L	4/11/2012	0.5	n/a	ND	
GU-4BG	u	Bromochloromethane	74-97-5	ug/L	4/11/2012	5	n/a	ND	
GU-4BG	u	Bromodichloromethane	75-27-4	ug/L	4/11/2012	1	n/a	ND	
GU-4BG	u	Bromoform	75-25-2	ug/L	4/11/2012	5	n/a	ND	
GU-4BG	u	Carbon disulfide	75-15-0	ug/L	4/11/2012	1	n/a	ND	
GU-4BG	u	Carbon Tetrachloride	56-23-5	ug/L	4/11/2012	2	n/a	ND	
GU-4BG	u	Chlorobenzene	108-90-7	ug/L	4/11/2012	1	n/a	ND	
GU-4BG	u	Chloroethane	75-00-3	ug/L	4/11/2012	4	n/a	ND	
GU-4BG	u	Chloroform	67-66-3	ug/L	4/11/2012	1	n/a	ND	
GU-4BG	u	Chlorodibromomethane	124-48-1	ug/L	4/11/2012	5	n/a	ND	
GU-4BG	u	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	4/11/2012	0.12	n/a	ND	
GU-4BG	u	1,2-Dibromoethane [EDB]	106-93-4	ug/L	4/11/2012	0.13	n/a	ND	
GU-4BG	u	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	4/11/2012	20	n/a	ND	
GU-4BG	u	1,1-Dichloroethane	75-34-3	ug/L	4/11/2012	1	n/a	ND	
GU-4BG	u	1,2-Dichloroethane	107-06-2	ug/L	4/11/2012	1	n/a	ND	
GU-4BG	u	1,1-Dichloroethene	75-35-4	ug/L	4/11/2012	2	n/a	ND	
GU-4BG	u	cis-1,2-Dichloroethene	156-59-2	ug/L	4/11/2012	1	n/a	ND	
GU-4BG	u	trans-1,2-Dichloroethene	156-60-5	ug/L	4/11/2012	1	n/a	ND	
GU-4BG	u	1,2-Dichloropropane	78-87-5	ug/L	4/11/2012	1	n/a	ND	
GU-4BG	u	cis-1,3-Dichloropropene	10061-01-5	ug/L	4/11/2012	5	n/a	ND	
GU-4BG	u	trans-1,3-Dichloropropene	10061-02-6	ug/L	4/11/2012	5	n/a	ND	
GU-4BG	u	1,2-Dichlorobenzene	95-50-1	ug/L	4/11/2012	1	n/a	ND	
GU-4BG	u	1,4-Dichlorobenzene	106-46-7	ug/L	4/11/2012	1	n/a	ND	
GU-4BG	u	Ethylbenzene	100-41-4	ug/L	4/11/2012	1	n/a	ND	
GU-4BG	u	2-Hexanone	591-78-6	ug/L	4/11/2012	10	n/a	ND	
GU-4BG	u	Bromomethane	74-83-9	ug/L	4/11/2012	4	n/a	ND	
GU-4BG	u	Chloromethane	74-87-3	ug/L	4/11/2012	3	n/a	ND	
GU-4BG	u	2-Butanone	78-93-3	ug/L	4/11/2012	10	n/a	ND	
GU-4BG	u	Iodomethane	74-88-4	ug/L	4/11/2012	10	n/a	ND	
GU-4BG	u	4-Methyl-2-pentanone	108-10-1	ug/L	4/11/2012	10	n/a	ND	
GU-4BG	u	Methylene Bromide	74-95-3	ug/L	4/11/2012	1	n/a	ND	
GU-4BG	u	Methylene Chloride	75-09-2	ug/L	4/11/2012	5	n/a	ND	
GU-4BG	u	Styrene	100-42-5	ug/L	4/11/2012	1	n/a	ND	
GU-4BG	u	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	4/11/2012	1	n/a	ND	
GU-4BG	u	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	4/11/2012	1	n/a	ND	
GU-4BG	u	Tetrachloroethene	127-18-4	ug/L	4/11/2012	1	n/a	ND	
GU-4BG	u	Toluene	108-88-3	ug/L	4/11/2012	1	n/a	ND	
GU-4BG	u	1,1,1-Trichloroethane	71-55-6	ug/L	4/11/2012	1	n/a	ND	
GU-4BG	u	1,1,2-Trichloroethane	79-00-5	ug/L	4/11/2012	1	n/a	ND	
GU-4BG	u	Trichloroethene	79-01-6	ug/L	4/11/2012	1	n/a	ND	
GU-4BG	u	Trichlorofluoromethane	75-69-4	ug/L	4/11/2012	4	n/a	ND	
GU-4BG	u	1,2,3-Trichloropropane	96-18-4	ug/L	4/11/2012	1	n/a	ND	
GU-4BG	u	Vinyl acetate	108-05-4	ug/L	4/11/2012	20	n/a	ND	
GU-4BG	u	Vinyl chloride	75-01-4	ug/L	4/11/2012	1	n/a	ND	
GU-4BG	u	Xylenes, total	1330-20-7	ug/L	4/11/2012	3	n/a	ND	
GU-5	d	Antimony	7440-36-0	mg/L	4/11/2012	0.006	n/a	ND	
GU-5	d	Arsenic	7440-38-2	mg/L	4/11/2012	0.002	n/a	ND	
GU-5	d	Barium	7440-39-3	mg/L	4/11/2012	n/a	n/a		0.302
GU-5	d	Beryllium	7440-41-7	mg/L	4/11/2012	0.001	n/a	ND	
GU-5	d	Cadmium	7440-43-9	mg/L	4/11/2012	0.0005	n/a	ND	
GU-5	d	Chromium	7440-47-3	mg/L	4/11/2012	0.02	n/a	ND	
GU-5	d	Cobalt	7440-48-4	mg/L	4/11/2012	0.00155	n/a	ND	
GU-5	d	Copper	7440-50-8	mg/L	4/11/2012	0.02	n/a	ND	
GU-5	d	Lead	7439-92-1	mg/L	4/11/2012	0.004	n/a	ND	
GU-5	d	Nickel	7440-02-0	mg/L	4/11/2012	0.05	n/a	ND	
GU-5	d	Selenium	7782-49-2	mg/L	4/11/2012	0.005	n/a	ND	
GU-5	d	Silver	7440-22-4	mg/L	4/11/2012	0.02	n/a	ND	
GU-5	d	Thallium	7440-28-0	mg/L	4/11/2012	0.002	n/a	ND	
GU-5	d	Vanadium	7440-62-2	mg/L	4/11/2012	0.05	n/a	ND	
GU-5	d	Zinc	7440-66-6	mg/L	4/11/2012	0.02	n/a	ND	
GU-5	d	Acetone	67-64-1	ug/L	4/11/2012	10	n/a	ND	
GU-5	d	Acrylonitrile	107-13-1	ug/L	4/11/2012	10	n/a	ND	
GU-5	d	Benzene	71-43-2	ug/L	4/11/2012	0.5	n/a	ND	
GU-5	d	Bromochloromethane	74-97-5	ug/L	4/11/2012	5	n/a	ND	

Table 9A
Analytical Data Summary - Phase II MSWLF
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Phase II MSWLF and CWTS
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
GU-5	d	Bromodichloromethane	75-27-4	ug/L	4/11/2012	1	n/a	ND	
GU-5	d	Bromoform	75-25-2	ug/L	4/11/2012	5	n/a	ND	
GU-5	d	Carbon disulfide	75-15-0	ug/L	4/11/2012	1	n/a	ND	
GU-5	d	Carbon Tetrachloride	56-23-5	ug/L	4/11/2012	2	n/a	ND	
GU-5	d	Chlorobenzene	108-90-7	ug/L	4/11/2012	1	n/a	ND	
GU-5	d	Chloroethane	75-00-3	ug/L	4/11/2012	4	n/a	ND	
GU-5	d	Chloroform	67-66-3	ug/L	4/11/2012	1	n/a	ND	
GU-5	d	Chlorodibromomethane	124-48-1	ug/L	4/11/2012	5	n/a	ND	
GU-5	d	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	4/11/2012	0.12	n/a	ND	
GU-5	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	4/11/2012	0.13	n/a	ND	
GU-5	d	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	4/11/2012	20	n/a	ND	
GU-5	d	1,1-Dichloroethane	75-34-3	ug/L	4/11/2012	1	n/a	ND	
GU-5	d	1,2-Dichloroethane	107-06-2	ug/L	4/11/2012	1	n/a	ND	
GU-5	d	1,1-Dichloroethene	75-35-4	ug/L	4/11/2012	2	n/a	ND	
GU-5	d	cis-1,2-Dichloroethene	156-59-2	ug/L	4/11/2012	1	n/a	ND	
GU-5	d	trans-1,2-Dichloroethene	156-60-5	ug/L	4/11/2012	1	n/a	ND	
GU-5	d	1,2-Dichloropropane	78-87-5	ug/L	4/11/2012	1	n/a	ND	
GU-5	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	4/11/2012	5	n/a	ND	
GU-5	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	4/11/2012	5	n/a	ND	
GU-5	d	1,2-Dichlorobenzene	95-50-1	ug/L	4/11/2012	1	n/a	ND	
GU-5	d	1,4-Dichlorobenzene	106-46-7	ug/L	4/11/2012	1	n/a	ND	
GU-5	d	Ethylbenzene	100-41-4	ug/L	4/11/2012	1	n/a	ND	
GU-5	d	2-Hexanone	591-78-6	ug/L	4/11/2012	10	n/a	ND	
GU-5	d	Bromomethane	74-83-9	ug/L	4/11/2012	4	n/a	ND	
GU-5	d	Chloromethane	74-87-3	ug/L	4/11/2012	3	n/a	ND	
GU-5	d	2-Butanone	78-93-3	ug/L	4/11/2012	10	n/a	ND	
GU-5	d	Iodomethane	74-88-4	ug/L	4/11/2012	10	n/a	ND	
GU-5	d	4-Methyl-2-pentanone	108-10-1	ug/L	4/11/2012	10	n/a	ND	
GU-5	d	Methylene Bromide	74-95-3	ug/L	4/11/2012	1	n/a	ND	
GU-5	d	Methylene Chloride	75-09-2	ug/L	4/11/2012	5	n/a	ND	
GU-5	d	Styrene	100-42-5	ug/L	4/11/2012	1	n/a	ND	
GU-5	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	4/11/2012	1	n/a	ND	
GU-5	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	4/11/2012	1	n/a	ND	
GU-5	d	Tetrachloroethene	127-18-4	ug/L	4/11/2012	1	n/a	ND	
GU-5	d	Toluene	108-88-3	ug/L	4/11/2012	1	n/a	ND	
GU-5	d	1,1,1-Trichloroethane	71-55-6	ug/L	4/11/2012	1	n/a	ND	
GU-5	d	1,1,2-Trichloroethane	79-00-5	ug/L	4/11/2012	1	n/a	ND	
GU-5	d	Trichloroethene	79-01-6	ug/L	4/11/2012	1	n/a	ND	
GU-5	d	Trichlorofluoromethane	75-69-4	ug/L	4/11/2012	4	n/a	ND	
GU-5	d	1,2,3-Trichloropropane	96-18-4	ug/L	4/11/2012	1	n/a	ND	
GU-5	d	Vinyl acetate	108-05-4	ug/L	4/11/2012	20	n/a	ND	
GU-5	d	Vinyl chloride	75-01-4	ug/L	4/11/2012	1	n/a	ND	
GU-5	d	Xylenes, total	1330-20-7	ug/L	4/11/2012	3	n/a	ND	
GU-5BG	u	Antimony	7440-36-0	mg/L	4/11/2012	0.006	n/a	ND	
GU-5BG	u	Arsenic	7440-38-2	mg/L	4/11/2012	0.002	n/a	ND	
GU-5BG	u	Barium	7440-39-3	mg/L	4/11/2012	n/a	n/a		0.302
GU-5BG	u	Beryllium	7440-41-7	mg/L	4/11/2012	0.001	n/a	ND	
GU-5BG	u	Cadmium	7440-43-9	mg/L	4/11/2012	0.0005	n/a	ND	
GU-5BG	u	Chromium	7440-47-3	mg/L	4/11/2012	0.02	n/a	ND	
GU-5BG	u	Cobalt	7440-48-4	mg/L	4/11/2012	0.00155	n/a	ND	
GU-5BG	u	Copper	7440-50-8	mg/L	4/11/2012	0.02	n/a	ND	
GU-5BG	u	Lead	7439-92-1	mg/L	4/11/2012	0.004	n/a	ND	
GU-5BG	u	Nickel	7440-02-0	mg/L	4/11/2012	0.05	n/a	ND	
GU-5BG	u	Selenium	7782-49-2	mg/L	4/11/2012	0.005	n/a	ND	
GU-5BG	u	Silver	7440-22-4	mg/L	4/11/2012	0.02	n/a	ND	
GU-5BG	u	Thallium	7440-28-0	mg/L	4/11/2012	0.002	n/a	ND	
GU-5BG	u	Vanadium	7440-62-2	mg/L	4/11/2012	0.05	n/a	ND	
GU-5BG	u	Zinc	7440-66-6	mg/L	4/11/2012	0.02	n/a	ND	
GU-5BG	u	Acetone	67-64-1	ug/L	4/11/2012	10	n/a	ND	
GU-5BG	u	Acrylonitrile	107-13-1	ug/L	4/11/2012	10	n/a	ND	
GU-5BG	u	Benzene	71-43-2	ug/L	4/11/2012	0.5	n/a	ND	
GU-5BG	u	Bromochloromethane	74-97-5	ug/L	4/11/2012	5	n/a	ND	
GU-5BG	u	Bromodichloromethane	75-27-4	ug/L	4/11/2012	1	n/a	ND	
GU-5BG	u	Bromoform	75-25-2	ug/L	4/11/2012	5	n/a	ND	
GU-5BG	u	Carbon disulfide	75-15-0	ug/L	4/11/2012	1	n/a	ND	
GU-5BG	u	Carbon Tetrachloride	56-23-5	ug/L	4/11/2012	2	n/a	ND	
GU-5BG	u	Chlorobenzene	108-90-7	ug/L	4/11/2012	1	n/a	ND	
GU-5BG	u	Chloroethane	75-00-3	ug/L	4/11/2012	4	n/a	ND	
GU-5BG	u	Chloroform	67-66-3	ug/L	4/11/2012	1	n/a	ND	
GU-5BG	u	Chlorodibromomethane	124-48-1	ug/L	4/11/2012	5	n/a	ND	
GU-5BG	u	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	4/11/2012	0.12	n/a	ND	
GU-5BG	u	1,2-Dibromoethane [EDB]	106-93-4	ug/L	4/11/2012	0.13	n/a	ND	
GU-5BG	u	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	4/11/2012	20	n/a	ND	
GU-5BG	u	1,1-Dichloroethane	75-34-3	ug/L	4/11/2012	1	n/a	ND	
GU-5BG	u	1,2-Dichloroethane	107-06-2	ug/L	4/11/2012	1	n/a	ND	

Table 9A
Analytical Data Summary - Phase II MSWLF
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Phase II MSWLF and CWTS
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Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
GU-5BG	u	1,1-Dichloroethene	75-35-4	ug/L	4/11/2012	2	n/a	ND	
GU-5BG	u	cis-1,2-Dichloroethene	156-59-2	ug/L	4/11/2012	1	n/a	ND	
GU-5BG	u	trans-1,2-Dichloroethene	156-60-5	ug/L	4/11/2012	1	n/a	ND	
GU-5BG	u	1,2-Dichloropropane	78-87-5	ug/L	4/11/2012	1	n/a	ND	
GU-5BG	u	cis-1,3-Dichloropropene	10061-01-5	ug/L	4/11/2012	5	n/a	ND	
GU-5BG	u	trans-1,3-Dichloropropene	10061-02-6	ug/L	4/11/2012	5	n/a	ND	
GU-5BG	u	1,2-Dichlorobenzene	95-50-1	ug/L	4/11/2012	1	n/a	ND	
GU-5BG	u	1,4-Dichlorobenzene	106-46-7	ug/L	4/11/2012	1	n/a	ND	
GU-5BG	u	Ethylbenzene	100-41-4	ug/L	4/11/2012	1	n/a	ND	
GU-5BG	u	2-Hexanone	591-78-6	ug/L	4/11/2012	10	n/a	ND	
GU-5BG	u	Bromomethane	74-83-9	ug/L	4/11/2012	4	n/a	ND	
GU-5BG	u	Chloromethane	74-87-3	ug/L	4/11/2012	3	n/a	ND	
GU-5BG	u	2-Butanone	78-93-3	ug/L	4/11/2012	10	n/a	ND	
GU-5BG	u	Iodomethane	74-88-4	ug/L	4/11/2012	10	n/a	ND	
GU-5BG	u	4-Methyl-2-pentanone	108-10-1	ug/L	4/11/2012	10	n/a	ND	
GU-5BG	u	Methylene Bromide	74-95-3	ug/L	4/11/2012	1	n/a	ND	
GU-5BG	u	Methylene Chloride	75-09-2	ug/L	4/11/2012	5	n/a	ND	
GU-5BG	u	Styrene	100-42-5	ug/L	4/11/2012	1	n/a	ND	
GU-5BG	u	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	4/11/2012	1	n/a	ND	
GU-5BG	u	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	4/11/2012	1	n/a	ND	
GU-5BG	u	Tetrachloroethene	127-18-4	ug/L	4/11/2012	1	n/a	ND	
GU-5BG	u	Toluene	108-88-3	ug/L	4/11/2012	1	n/a	ND	
GU-5BG	u	1,1,1-Trichloroethane	71-55-6	ug/L	4/11/2012	1	n/a	ND	
GU-5BG	u	1,1,2-Trichloroethane	79-00-5	ug/L	4/11/2012	1	n/a	ND	
GU-5BG	u	Trichloroethene	79-01-6	ug/L	4/11/2012	1	n/a	ND	
GU-5BG	u	Trichlorofluoromethane	75-69-4	ug/L	4/11/2012	4	n/a	ND	
GU-5BG	u	1,2,3-Trichloropropane	96-18-4	ug/L	4/11/2012	1	n/a	ND	
GU-5BG	u	Vinyl acetate	108-05-4	ug/L	4/11/2012	20	n/a	ND	
GU-5BG	u	Vinyl chloride	75-01-4	ug/L	4/11/2012	1	n/a	ND	
GU-5BG	u	Xylenes, total	1330-20-7	ug/L	4/11/2012	3	n/a	ND	
MW-26	u	Antimony	7440-36-0	mg/L	4/11/2012	0.006	n/a	ND	
MW-26	u	Arsenic	7440-38-2	mg/L	4/11/2012	0.002	n/a	ND	
MW-26	u	Barium	7440-39-3	mg/L	4/11/2012	n/a	n/a		0.0611
MW-26	u	Beryllium	7440-41-7	mg/L	4/11/2012	0.001	n/a	ND	
MW-26	u	Cadmium	7440-43-9	mg/L	4/11/2012	0.0005	n/a	ND	
MW-26	u	Chromium	7440-47-3	mg/L	4/11/2012	n/a	n/a		0.041
MW-26	u	Cobalt	7440-48-4	mg/L	4/11/2012	0.00155	n/a	ND	
MW-26	u	Copper	7440-50-8	mg/L	4/11/2012	0.02	n/a	ND	
MW-26	u	Lead	7439-92-1	mg/L	4/11/2012	0.004	n/a	ND	
MW-26	u	Nickel	7440-02-0	mg/L	4/11/2012	0.05	n/a	ND	
MW-26	u	Selenium	7782-49-2	mg/L	4/11/2012	n/a	n/a		0.0252
MW-26	u	Silver	7440-22-4	mg/L	4/11/2012	0.02	n/a	ND	
MW-26	u	Thallium	7440-28-0	mg/L	4/11/2012	0.002	n/a	ND	
MW-26	u	Vanadium	7440-62-2	mg/L	4/11/2012	0.05	n/a	ND	
MW-26	u	Zinc	7440-66-6	mg/L	4/11/2012	0.02	n/a	ND	
MW-B	d	Antimony	7440-36-0	mg/L	4/11/2012	0.006	n/a	ND	
MW-B	d	Arsenic	7440-38-2	mg/L	4/11/2012	0.001	n/a	ND	
MW-B	d	Barium	7440-39-3	mg/L	4/11/2012	n/a	n/a		0.0792
MW-B	d	Beryllium	7440-41-7	mg/L	4/11/2012	0.001	n/a	ND	
MW-B	d	Cadmium	7440-43-9	mg/L	4/11/2012	n/a	n/a		0.00053
MW-B	d	Chromium	7440-47-3	mg/L	4/11/2012	0.02	n/a	ND	
MW-B	d	Cobalt	7440-48-4	mg/L	4/11/2012	n/a	n/a		0.00414
MW-B	d	Copper	7440-50-8	mg/L	4/11/2012	n/a	n/a		0.0262
MW-B	d	Lead	7439-92-1	mg/L	4/11/2012	n/a	n/a		0.00882
MW-B	d	Nickel	7440-02-0	mg/L	4/11/2012	0.05	n/a	ND	
MW-B	d	Selenium	7782-49-2	mg/L	4/11/2012	0.005	n/a	ND	
MW-B	d	Silver	7440-22-4	mg/L	4/11/2012	0.02	n/a	ND	
MW-B	d	Thallium	7440-28-0	mg/L	4/11/2012	0.002	n/a	ND	
MW-B	d	Vanadium	7440-62-2	mg/L	4/11/2012	0.05	n/a	ND	
MW-B	d	Zinc	7440-66-6	mg/L	4/11/2012	0.02	n/a	ND	
MW-B	d	Acetone	67-64-1	ug/L	4/11/2012	10	n/a	ND	
MW-B	d	Acrylonitrile	107-13-1	ug/L	4/11/2012	10	n/a	ND	
MW-B	d	Benzene	71-43-2	ug/L	4/11/2012	0.5	n/a	ND	
MW-B	d	Bromochloromethane	74-97-5	ug/L	4/11/2012	5	n/a	ND	
MW-B	d	Bromodichloromethane	75-27-4	ug/L	4/11/2012	1	n/a	ND	
MW-B	d	Bromoform	75-25-2	ug/L	4/11/2012	5	n/a	ND	
MW-B	d	Carbon disulfide	75-15-0	ug/L	4/11/2012	1	n/a	ND	
MW-B	d	Carbon Tetrachloride	56-23-5	ug/L	4/11/2012	2	n/a	ND	
MW-B	d	Chlorobenzene	108-90-7	ug/L	4/11/2012	1	n/a	ND	
MW-B	d	Chloroethane	75-00-3	ug/L	4/11/2012	4	n/a	ND	
MW-B	d	Chloroform	67-66-3	ug/L	4/11/2012	1	n/a	ND	
MW-B	d	Chlorodibromomethane	124-48-1	ug/L	4/11/2012	5	n/a	ND	
MW-B	d	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	4/11/2012	0.12	n/a	ND	
MW-B	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	4/11/2012	0.13	n/a	ND	
MW-B	d	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	4/11/2012	20	n/a	ND	

Table 9A
Analytical Data Summary - Phase II MSWLF
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Phase II MSWLF and CWTS
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Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-B	d	1,1-Dichloroethane	75-34-3	ug/L	4/11/2012	1	n/a	ND	
MW-B	d	1,2-Dichloroethane	107-06-2	ug/L	4/11/2012	1	n/a	ND	
MW-B	d	1,1-Dichloroethene	75-35-4	ug/L	4/11/2012	2	n/a	ND	
MW-B	d	cis-1,2-Dichloroethene	156-59-2	ug/L	4/11/2012	1	n/a	ND	
MW-B	d	trans-1,2-Dichloroethene	156-60-5	ug/L	4/11/2012	1	n/a	ND	
MW-B	d	1,2-Dichloropropane	78-87-5	ug/L	4/11/2012	1	n/a	ND	
MW-B	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	4/11/2012	5	n/a	ND	
MW-B	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	4/11/2012	5	n/a	ND	
MW-B	d	1,2-Dichlorobenzene	95-50-1	ug/L	4/11/2012	1	n/a	ND	
MW-B	d	1,4-Dichlorobenzene	106-46-7	ug/L	4/11/2012	1	n/a	ND	
MW-B	d	Ethylbenzene	100-41-4	ug/L	4/11/2012	1	n/a	ND	
MW-B	d	2-Hexanone	591-78-6	ug/L	4/11/2012	10	n/a	ND	
MW-B	d	Bromomethane	74-83-9	ug/L	4/11/2012	4	n/a	ND	
MW-B	d	Chloromethane	74-87-3	ug/L	4/11/2012	3	n/a	ND	
MW-B	d	2-Butanone	78-93-3	ug/L	4/11/2012	10	n/a	ND	
MW-B	d	Iodomethane	74-88-4	ug/L	4/11/2012	10	n/a	ND	
MW-B	d	4-Methyl-2-pentanone	108-10-1	ug/L	4/11/2012	10	n/a	ND	
MW-B	d	Methylene Bromide	74-95-3	ug/L	4/11/2012	1	n/a	ND	
MW-B	d	Methylene Chloride	75-09-2	ug/L	4/11/2012	5	n/a	ND	
MW-B	d	Styrene	100-42-5	ug/L	4/11/2012	1	n/a	ND	
MW-B	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	4/11/2012	1	n/a	ND	
MW-B	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	4/11/2012	1	n/a	ND	
MW-B	d	Tetrachloroethene	127-18-4	ug/L	4/11/2012	1	n/a	ND	
MW-B	d	Toluene	108-88-3	ug/L	4/11/2012	1	n/a	ND	
MW-B	d	1,1,1-Trichloroethane	71-55-6	ug/L	4/11/2012	1	n/a	ND	
MW-B	d	1,1,2-Trichloroethane	79-00-5	ug/L	4/11/2012	1	n/a	ND	
MW-B	d	Trichloroethene	79-01-6	ug/L	4/11/2012	1	n/a	ND	
MW-B	d	Trichlorofluoromethane	75-69-4	ug/L	4/11/2012	4	n/a	ND	
MW-B	d	1,2,3-Trichloropropane	96-18-4	ug/L	4/11/2012	1	n/a	ND	
MW-B	d	Vinyl acetate	108-05-4	ug/L	4/11/2012	20	n/a	ND	
MW-B	d	Vinyl chloride	75-01-4	ug/L	4/11/2012	1	n/a	ND	
MW-B	d	Xylenes, total	1330-20-7	ug/L	4/11/2012	3	n/a	ND	
MW-C	d	Antimony	7440-36-0	mg/L	4/11/2012	0.006	n/a	ND	
MW-C	d	Arsenic	7440-38-2	mg/L	4/11/2012	0.002	n/a	ND	
MW-C	d	Barium	7440-39-3	mg/L	4/11/2012	n/a	n/a		0.541
MW-C	d	Beryllium	7440-41-7	mg/L	4/11/2012	0.001	n/a	ND	
MW-C	d	Cadmium	7440-43-9	mg/L	4/11/2012	0.0005	n/a	ND	
MW-C	d	Chromium	7440-47-3	mg/L	4/11/2012	0.02	n/a	ND	
MW-C	d	Cobalt	7440-48-4	mg/L	4/11/2012	0.00155	n/a	ND	
MW-C	d	Copper	7440-50-8	mg/L	4/11/2012	0.02	n/a	ND	
MW-C	d	Lead	7439-92-1	mg/L	4/11/2012	0.004	n/a	ND	
MW-C	d	Nickel	7440-02-0	mg/L	4/11/2012	0.05	n/a	ND	
MW-C	d	Selenium	7782-49-2	mg/L	4/11/2012	0.005	n/a	ND	
MW-C	d	Silver	7440-22-4	mg/L	4/11/2012	0.02	n/a	ND	
MW-C	d	Thallium	7440-28-0	mg/L	4/11/2012	0.002	n/a	ND	
MW-C	d	Vanadium	7440-62-2	mg/L	4/11/2012	0.05	n/a	ND	
MW-C	d	Zinc	7440-66-6	mg/L	4/11/2012	0.02	n/a	ND	
MW-C	d	Acetone	67-64-1	ug/L	4/11/2012	10	n/a	ND	
MW-C	d	Acrylonitrile	107-13-1	ug/L	4/11/2012	10	n/a	ND	
MW-C	d	Benzene	71-43-2	ug/L	4/11/2012	0.5	n/a	ND	
MW-C	d	Bromochloromethane	74-97-5	ug/L	4/11/2012	5	n/a	ND	
MW-C	d	Bromodichloromethane	75-27-4	ug/L	4/11/2012	1	n/a	ND	
MW-C	d	Bromoform	75-25-2	ug/L	4/11/2012	5	n/a	ND	
MW-C	d	Carbon disulfide	75-15-0	ug/L	4/11/2012	1	n/a	ND	
MW-C	d	Carbon Tetrachloride	56-23-5	ug/L	4/11/2012	2	n/a	ND	
MW-C	d	Chlorobenzene	108-90-7	ug/L	4/11/2012	1	n/a	ND	
MW-C	d	Chloroethane	75-00-3	ug/L	4/11/2012	4	n/a	ND	
MW-C	d	Chloroform	67-66-3	ug/L	4/11/2012	1	n/a	ND	
MW-C	d	Chlorodibromomethane	124-48-1	ug/L	4/11/2012	5	n/a	ND	
MW-C	d	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	4/11/2012	0.12	n/a	ND	
MW-C	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	4/11/2012	0.13	n/a	ND	
MW-C	d	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	4/11/2012	20	n/a	ND	
MW-C	d	1,1-Dichloroethane	75-34-3	ug/L	4/11/2012	1	n/a	ND	
MW-C	d	1,2-Dichloroethane	107-06-2	ug/L	4/11/2012	1	n/a	ND	
MW-C	d	1,1-Dichloroethene	75-35-4	ug/L	4/11/2012	2	n/a	ND	
MW-C	d	cis-1,2-Dichloroethene	156-59-2	ug/L	4/11/2012	1	n/a	ND	
MW-C	d	trans-1,2-Dichloroethene	156-60-5	ug/L	4/11/2012	1	n/a	ND	
MW-C	d	1,2-Dichloropropane	78-87-5	ug/L	4/11/2012	1	n/a	ND	
MW-C	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	4/11/2012	5	n/a	ND	
MW-C	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	4/11/2012	5	n/a	ND	
MW-C	d	1,2-Dichlorobenzene	95-50-1	ug/L	4/11/2012	1	n/a	ND	
MW-C	d	1,4-Dichlorobenzene	106-46-7	ug/L	4/11/2012	1	n/a	ND	
MW-C	d	Ethylbenzene	100-41-4	ug/L	4/11/2012	1	n/a	ND	
MW-C	d	2-Hexanone	591-78-6	ug/L	4/11/2012	10	n/a	ND	
MW-C	d	Bromomethane	74-83-9	ug/L	4/11/2012	4	n/a	ND	

Table 9A
Analytical Data Summary - Phase II MSWLF
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Phase II MSWLF and CWTS
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-C	d	Chloromethane	74-87-3	ug/L	4/11/2012	3	n/a	ND	
MW-C	d	2-Butanone	78-93-3	ug/L	4/11/2012	10	n/a	ND	
MW-C	d	Iodomethane	74-88-4	ug/L	4/11/2012	10	n/a	ND	
MW-C	d	4-Methyl-2-pentanone	108-10-1	ug/L	4/11/2012	10	n/a	ND	
MW-C	d	Methylene Bromide	74-95-3	ug/L	4/11/2012	1	n/a	ND	
MW-C	d	Methylene Chloride	75-09-2	ug/L	4/11/2012	5	n/a	ND	
MW-C	d	Styrene	100-42-5	ug/L	4/11/2012	1	n/a	ND	
MW-C	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	4/11/2012	1	n/a	ND	
MW-C	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	4/11/2012	1	n/a	ND	
MW-C	d	Tetrachloroethene	127-18-4	ug/L	4/11/2012	1	n/a	ND	
MW-C	d	Toluene	108-88-3	ug/L	4/11/2012	1	n/a	ND	
MW-C	d	1,1,1-Trichloroethane	71-55-6	ug/L	4/11/2012	1	n/a	ND	
MW-C	d	1,1,2-Trichloroethane	79-00-5	ug/L	4/11/2012	1	n/a	ND	
MW-C	d	Trichloroethene	79-01-6	ug/L	4/11/2012	1	n/a	ND	
MW-C	d	Trichlorofluoromethane	75-69-4	ug/L	4/11/2012	4	n/a	ND	
MW-C	d	1,2,3-Trichloropropane	96-18-4	ug/L	4/11/2012	1	n/a	ND	
MW-C	d	Vinyl acetate	108-05-4	ug/L	4/11/2012	20	n/a	ND	
MW-C	d	Vinyl chloride	75-01-4	ug/L	4/11/2012	1	n/a	ND	
MW-C	d	Xylenes, total	1330-20-7	ug/L	4/11/2012	3	n/a	ND	
GU-18	d	Antimony	7440-36-0	mg/L	6/12/2012	0.006	n/a	ND	
GU-18	d	Arsenic	7440-38-2	mg/L	6/12/2012	n/a	n/a		0.00178
GU-18	d	Barium	7440-39-3	mg/L	6/12/2012	n/a	n/a		0.225
GU-18	d	Beryllium	7440-41-7	mg/L	6/12/2012	0.001	n/a	ND	
GU-18	d	Cadmium	7440-43-9	mg/L	6/12/2012	0.0005	n/a	ND	
GU-18	d	Chromium	7440-47-3	mg/L	6/12/2012	0.02	n/a	ND	
GU-18	d	Cobalt	7440-48-4	mg/L	6/12/2012	0.00155	n/a	ND	
GU-18	d	Copper	7440-50-8	mg/L	6/12/2012	0.02	n/a	ND	
GU-18	d	Lead	7439-92-1	mg/L	6/12/2012	0.004	n/a	ND	
GU-18	d	Nickel	7440-02-0	mg/L	6/12/2012	0.05	n/a	ND	
GU-18	d	Selenium	7782-49-2	mg/L	6/12/2012	0.005	n/a	ND	
GU-18	d	Silver	7440-22-4	mg/L	6/12/2012	0.02	n/a	ND	
GU-18	d	Thallium	7440-28-0	mg/L	6/12/2012	0.002	n/a	ND	
GU-18	d	Vanadium	7440-62-2	mg/L	6/12/2012	0.05	n/a	ND	
GU-18	d	Zinc	7440-66-6	mg/L	6/12/2012	0.02	n/a	ND	
GU-18	d	Acetone	67-64-1	ug/L	6/12/2012	10	n/a	ND	
GU-18	d	Acrylonitrile	107-13-1	ug/L	6/12/2012	10	n/a	ND	
GU-18	d	Benzene	71-43-2	ug/L	6/12/2012	0.5	n/a	ND	
GU-18	d	Bromochloromethane	74-97-5	ug/L	6/12/2012	5	n/a	ND	
GU-18	d	Bromodichloromethane	75-27-4	ug/L	6/12/2012	1	n/a	ND	
GU-18	d	Bromoform	75-25-2	ug/L	6/12/2012	5	n/a	ND	
GU-18	d	Carbon disulfide	75-15-0	ug/L	6/12/2012	1	n/a	ND	
GU-18	d	Carbon Tetrachloride	56-23-5	ug/L	6/12/2012	2	n/a	ND	
GU-18	d	Chlorobenzene	108-90-7	ug/L	6/12/2012	1	n/a	ND	
GU-18	d	Chloroethane	75-00-3	ug/L	6/12/2012	4	n/a	ND	
GU-18	d	Chloroform	67-66-3	ug/L	6/12/2012	1	n/a	ND	
GU-18	d	Chlorodibromomethane	124-48-1	ug/L	6/12/2012	5	n/a	ND	
GU-18	d	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	6/12/2012	0.12	n/a	ND	
GU-18	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	6/12/2012	0.13	n/a	ND	
GU-18	d	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	6/12/2012	10	n/a	ND	
GU-18	d	1,1-Dichloroethane	75-34-3	ug/L	6/12/2012	1	n/a	ND	
GU-18	d	1,2-Dichloroethane	107-06-2	ug/L	6/12/2012	1	n/a	ND	
GU-18	d	1,1-Dichloroethene	75-35-4	ug/L	6/12/2012	2	n/a	ND	
GU-18	d	cis-1,2-Dichloroethene	156-59-2	ug/L	6/12/2012	1	n/a	ND	
GU-18	d	trans-1,2-Dichloroethene	156-60-5	ug/L	6/12/2012	1	n/a	ND	
GU-18	d	1,2-Dichloropropane	78-87-5	ug/L	6/12/2012	1	n/a	ND	
GU-18	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	6/12/2012	5	n/a	ND	
GU-18	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	6/12/2012	5	n/a	ND	
GU-18	d	1,2-Dichlorobenzene	95-50-1	ug/L	6/12/2012	1	n/a	ND	
GU-18	d	1,4-Dichlorobenzene	106-46-7	ug/L	6/12/2012	1	n/a	ND	
GU-18	d	Ethylbenzene	100-41-4	ug/L	6/12/2012	1	n/a	ND	
GU-18	d	2-Hexanone	591-78-6	ug/L	6/12/2012	10	n/a	ND	
GU-18	d	Bromomethane	74-83-9	ug/L	6/12/2012	4	n/a	ND	
GU-18	d	Chloromethane	74-87-3	ug/L	6/12/2012	3	n/a	ND	
GU-18	d	2-Butanone	78-93-3	ug/L	6/12/2012	10	n/a	ND	
GU-18	d	Iodomethane	74-88-4	ug/L	6/12/2012	10	n/a	ND	
GU-18	d	4-Methyl-2-pentanone	108-10-1	ug/L	6/12/2012	10	n/a	ND	
GU-18	d	Methylene Bromide	74-95-3	ug/L	6/12/2012	1	n/a	ND	
GU-18	d	Methylene Chloride	75-09-2	ug/L	6/12/2012	5	n/a	ND	
GU-18	d	Styrene	100-42-5	ug/L	6/12/2012	1	n/a	ND	
GU-18	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	6/12/2012	1	n/a	ND	
GU-18	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	6/12/2012	1	n/a	ND	
GU-18	d	Tetrachloroethene	127-18-4	ug/L	6/12/2012	1	n/a	ND	
GU-18	d	Toluene	108-88-3	ug/L	6/12/2012	1	n/a	ND	
GU-18	d	1,1,1-Trichloroethane	71-55-6	ug/L	6/12/2012	1	n/a	ND	
GU-18	d	1,1,2-Trichloroethane	79-00-5	ug/L	6/12/2012	1	n/a	ND	

Table 9A
Analytical Data Summary - Phase II MSWLF
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Phase II MSWLF and CWTS
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
GU-18	d	Trichloroethene	79-01-6	ug/L	6/12/2012	1	n/a	ND	
GU-18	d	Trichlorofluoromethane	75-69-4	ug/L	6/12/2012	4	n/a	ND	
GU-18	d	1,2,3-Trichloropropane	96-18-4	ug/L	6/12/2012	1	n/a	ND	
GU-18	d	Vinyl acetate	108-05-4	ug/L	6/12/2012	2	n/a	ND	
GU-18	d	Vinyl chloride	75-01-4	ug/L	6/12/2012	1	n/a	ND	
GU-18	d	Xylenes, total	1330-20-7	ug/L	6/12/2012	3	n/a	ND	
GU-3	d	Antimony	7440-36-0	mg/L	10/4/2012	0.006	n/a	ND	
GU-3	d	Arsenic	7440-38-2	mg/L	10/4/2012	0.001	n/a	ND	
GU-3	d	Barium	7440-39-3	mg/L	10/4/2012	n/a	n/a	ND	0.153
GU-3	d	Beryllium	7440-41-7	mg/L	10/4/2012	0.001	n/a	ND	
GU-3	d	Cadmium	7440-43-9	mg/L	10/4/2012	0.0005	n/a	ND	
GU-3	d	Chromium	7440-47-3	mg/L	10/4/2012	0.02	n/a	ND	
GU-3	d	Cobalt	7440-48-4	mg/L	10/4/2012	0.00155	n/a	ND	
GU-3	d	Copper	7440-50-8	mg/L	10/4/2012	0.02	n/a	ND	
GU-3	d	Lead	7439-92-1	mg/L	10/4/2012	0.004	n/a	ND	
GU-3	d	Nickel	7440-02-0	mg/L	10/4/2012	0.05	n/a	ND	
GU-3	d	Selenium	7782-49-2	mg/L	10/4/2012	0.005	n/a	ND	
GU-3	d	Silver	7440-22-4	mg/L	10/4/2012	0.02	n/a	ND	
GU-3	d	Thallium	7440-28-0	mg/L	10/4/2012	0.002	n/a	ND	
GU-3	d	Vanadium	7440-62-2	mg/L	10/4/2012	0.05	n/a	ND	
GU-3	d	Zinc	7440-66-6	mg/L	10/4/2012	0.02	n/a	ND	
GU-3	d	Acetone	67-64-1	ug/L	10/4/2012	10	n/a	ND	
GU-3	d	Acrylonitrile	107-13-1	ug/L	10/4/2012	10	n/a	ND	
GU-3	d	Benzene	71-43-2	ug/L	10/4/2012	0.5	n/a	ND	
GU-3	d	Bromochloromethane	74-97-5	ug/L	10/4/2012	5	n/a	ND	
GU-3	d	Bromodichloromethane	75-27-4	ug/L	10/4/2012	1	n/a	ND	
GU-3	d	Bromoform	75-25-2	ug/L	10/4/2012	5	n/a	ND	
GU-3	d	Carbon disulfide	75-15-0	ug/L	10/4/2012	1	n/a	ND	
GU-3	d	Carbon Tetrachloride	56-23-5	ug/L	10/4/2012	2	n/a	ND	
GU-3	d	Chlorobenzene	108-90-7	ug/L	10/4/2012	1	n/a	ND	
GU-3	d	Chloroethane	75-00-3	ug/L	10/4/2012	4	n/a	ND	
GU-3	d	Chloroform	67-66-3	ug/L	10/4/2012	1	n/a	ND	
GU-3	d	Chlorodibromomethane	124-48-1	ug/L	10/4/2012	5	n/a	ND	
GU-3	d	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	10/4/2012	0.12	n/a	ND	
GU-3	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	10/4/2012	0.13	n/a	ND	
GU-3	d	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	10/4/2012	10	n/a	ND	
GU-3	d	1,1-Dichloroethane	75-34-3	ug/L	10/4/2012	1	n/a	ND	
GU-3	d	1,2-Dichloroethane	107-06-2	ug/L	10/4/2012	1	n/a	ND	
GU-3	d	1,1-Dichloroethene	75-35-4	ug/L	10/4/2012	2	n/a	ND	
GU-3	d	cis-1,2-Dichloroethene	156-59-2	ug/L	10/4/2012	1	n/a	ND	
GU-3	d	trans-1,2-Dichloroethene	156-60-5	ug/L	10/4/2012	1	n/a	ND	
GU-3	d	1,2-Dichloropropane	78-87-5	ug/L	10/4/2012	1	n/a	ND	
GU-3	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	10/4/2012	5	n/a	ND	
GU-3	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	10/4/2012	5	n/a	ND	
GU-3	d	1,2-Dichlorobenzene	95-50-1	ug/L	10/4/2012	1	n/a	ND	
GU-3	d	1,4-Dichlorobenzene	106-46-7	ug/L	10/4/2012	1	n/a	ND	
GU-3	d	Ethylbenzene	100-41-4	ug/L	10/4/2012	1	n/a	ND	
GU-3	d	2-Hexanone	591-78-6	ug/L	10/4/2012	10	n/a	ND	
GU-3	d	Bromomethane	74-83-9	ug/L	10/4/2012	4	n/a	ND	
GU-3	d	Chloromethane	74-87-3	ug/L	10/4/2012	3	n/a	ND	
GU-3	d	2-Butanone	78-93-3	ug/L	10/4/2012	10	n/a	ND	
GU-3	d	Iodomethane	74-88-4	ug/L	10/4/2012	10	n/a	ND	
GU-3	d	4-Methyl-2-pentanone	108-10-1	ug/L	10/4/2012	10	n/a	ND	
GU-3	d	Methylene Bromide	74-95-3	ug/L	10/4/2012	1	n/a	ND	
GU-3	d	Methylene Chloride	75-09-2	ug/L	10/4/2012	5	n/a	ND	
GU-3	d	Styrene	100-42-5	ug/L	10/4/2012	1	n/a	ND	
GU-3	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	10/4/2012	1	n/a	ND	
GU-3	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	10/4/2012	1	n/a	ND	
GU-3	d	Tetrachloroethene	127-18-4	ug/L	10/4/2012	1	n/a	ND	
GU-3	d	Toluene	108-88-3	ug/L	10/4/2012	1	n/a	ND	
GU-3	d	1,1,1-Trichloroethane	71-55-6	ug/L	10/4/2012	1	n/a	ND	
GU-3	d	1,1,2-Trichloroethane	79-00-5	ug/L	10/4/2012	1	n/a	ND	
GU-3	d	Trichloroethene	79-01-6	ug/L	10/4/2012	1	n/a	ND	
GU-3	d	Trichlorofluoromethane	75-69-4	ug/L	10/4/2012	4	n/a	ND	
GU-3	d	1,2,3-Trichloropropane	96-18-4	ug/L	10/4/2012	1	n/a	ND	
GU-3	d	Vinyl acetate	108-05-4	ug/L	10/4/2012	10	n/a	ND	
GU-3	d	Vinyl chloride	75-01-4	ug/L	10/4/2012	1	n/a	ND	
GU-3	d	Xylenes, total	1330-20-7	ug/L	10/4/2012	3	n/a	ND	
GU-3	d	O-Xylene	95-47-6	ug/L	10/4/2012	1	n/a	ND	
GU-3	d	M&P-Xylene	179601-23-1	ug/L	10/4/2012	2	n/a	ND	
GU-3BG	u	Antimony	7440-36-0	mg/L	10/4/2012	0.006	n/a	ND	
GU-3BG	u	Arsenic	7440-38-2	mg/L	10/4/2012	0.001	n/a	ND	
GU-3BG	u	Barium	7440-39-3	mg/L	10/4/2012	n/a	n/a	ND	0.153
GU-3BG	u	Beryllium	7440-41-7	mg/L	10/4/2012	0.001	n/a	ND	
GU-3BG	u	Cadmium	7440-43-9	mg/L	10/4/2012	0.0005	n/a	ND	

Table 9A
Analytical Data Summary - Phase II MSWLF
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Phase II MSWLF and CWTS
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Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
GU-3BG	u	Chromium	7440-47-3	mg/L	10/4/2012	0.02	n/a	ND	
GU-3BG	u	Cobalt	7440-48-4	mg/L	10/4/2012	0.00155	n/a	ND	
GU-3BG	u	Copper	7440-50-8	mg/L	10/4/2012	0.02	n/a	ND	
GU-3BG	u	Lead	7439-92-1	mg/L	10/4/2012	0.004	n/a	ND	
GU-3BG	u	Nickel	7440-02-0	mg/L	10/4/2012	0.05	n/a	ND	
GU-3BG	u	Selenium	7782-49-2	mg/L	10/4/2012	0.005	n/a	ND	
GU-3BG	u	Silver	7440-22-4	mg/L	10/4/2012	0.02	n/a	ND	
GU-3BG	u	Thallium	7440-28-0	mg/L	10/4/2012	0.002	n/a	ND	
GU-3BG	u	Vanadium	7440-62-2	mg/L	10/4/2012	0.05	n/a	ND	
GU-3BG	u	Zinc	7440-66-6	mg/L	10/4/2012	0.02	n/a	ND	
GU-3BG	u	Acetone	67-64-1	ug/L	10/4/2012	10	n/a	ND	
GU-3BG	u	Acrylonitrile	107-13-1	ug/L	10/4/2012	10	n/a	ND	
GU-3BG	u	Benzene	71-43-2	ug/L	10/4/2012	0.5	n/a	ND	
GU-3BG	u	Bromochloromethane	74-97-5	ug/L	10/4/2012	5	n/a	ND	
GU-3BG	u	Bromodichloromethane	75-27-4	ug/L	10/4/2012	1	n/a	ND	
GU-3BG	u	Bromoform	75-25-2	ug/L	10/4/2012	5	n/a	ND	
GU-3BG	u	Carbon disulfide	75-15-0	ug/L	10/4/2012	1	n/a	ND	
GU-3BG	u	Carbon Tetrachloride	56-23-5	ug/L	10/4/2012	2	n/a	ND	
GU-3BG	u	Chlorobenzene	108-90-7	ug/L	10/4/2012	1	n/a	ND	
GU-3BG	u	Chloroethane	75-00-3	ug/L	10/4/2012	4	n/a	ND	
GU-3BG	u	Chloroform	67-66-3	ug/L	10/4/2012	1	n/a	ND	
GU-3BG	u	Chlorodibromomethane	124-48-1	ug/L	10/4/2012	5	n/a	ND	
GU-3BG	u	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	10/4/2012	0.12	n/a	ND	
GU-3BG	u	1,2-Dibromoethane [EDB]	106-93-4	ug/L	10/4/2012	0.13	n/a	ND	
GU-3BG	u	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	10/4/2012	10	n/a	ND	
GU-3BG	u	1,1-Dichloroethane	75-34-3	ug/L	10/4/2012	1	n/a	ND	
GU-3BG	u	1,2-Dichloroethane	107-06-2	ug/L	10/4/2012	1	n/a	ND	
GU-3BG	u	1,1-Dichloroethene	75-35-4	ug/L	10/4/2012	2	n/a	ND	
GU-3BG	u	cis-1,2-Dichloroethene	156-59-2	ug/L	10/4/2012	1	n/a	ND	
GU-3BG	u	trans-1,2-Dichloroethene	156-60-5	ug/L	10/4/2012	1	n/a	ND	
GU-3BG	u	1,2-Dichloropropane	78-87-5	ug/L	10/4/2012	1	n/a	ND	
GU-3BG	u	cis-1,3-Dichloropropene	10061-01-5	ug/L	10/4/2012	5	n/a	ND	
GU-3BG	u	trans-1,3-Dichloropropene	10061-02-6	ug/L	10/4/2012	5	n/a	ND	
GU-3BG	u	1,2-Dichlorobenzene	95-50-1	ug/L	10/4/2012	1	n/a	ND	
GU-3BG	u	1,4-Dichlorobenzene	106-46-7	ug/L	10/4/2012	1	n/a	ND	
GU-3BG	u	Ethylbenzene	100-41-4	ug/L	10/4/2012	1	n/a	ND	
GU-3BG	u	2-Hexanone	591-78-6	ug/L	10/4/2012	10	n/a	ND	
GU-3BG	u	Bromomethane	74-83-9	ug/L	10/4/2012	4	n/a	ND	
GU-3BG	u	Chloromethane	74-87-3	ug/L	10/4/2012	3	n/a	ND	
GU-3BG	u	2-Butanone	78-93-3	ug/L	10/4/2012	10	n/a	ND	
GU-3BG	u	Iodomethane	74-88-4	ug/L	10/4/2012	10	n/a	ND	
GU-3BG	u	4-Methyl-2-pentanone	108-10-1	ug/L	10/4/2012	10	n/a	ND	
GU-3BG	u	Methylene Bromide	74-95-3	ug/L	10/4/2012	1	n/a	ND	
GU-3BG	u	Methylene Chloride	75-09-2	ug/L	10/4/2012	5	n/a	ND	
GU-3BG	u	Styrene	100-42-5	ug/L	10/4/2012	1	n/a	ND	
GU-3BG	u	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	10/4/2012	1	n/a	ND	
GU-3BG	u	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	10/4/2012	1	n/a	ND	
GU-3BG	u	Tetrachloroethene	127-18-4	ug/L	10/4/2012	1	n/a	ND	
GU-3BG	u	Toluene	108-88-3	ug/L	10/4/2012	1	n/a	ND	
GU-3BG	u	1,1,1-Trichloroethane	71-55-6	ug/L	10/4/2012	1	n/a	ND	
GU-3BG	u	1,1,2-Trichloroethane	79-00-5	ug/L	10/4/2012	1	n/a	ND	
GU-3BG	u	Trichloroethene	79-01-6	ug/L	10/4/2012	1	n/a	ND	
GU-3BG	u	Trichlorofluoromethane	75-69-4	ug/L	10/4/2012	4	n/a	ND	
GU-3BG	u	1,2,3-Trichloropropane	96-18-4	ug/L	10/4/2012	1	n/a	ND	
GU-3BG	u	Vinyl acetate	108-05-4	ug/L	10/4/2012	10	n/a	ND	
GU-3BG	u	Vinyl chloride	75-01-4	ug/L	10/4/2012	1	n/a	ND	
GU-3BG	u	Xylenes, total	1330-20-7	ug/L	10/4/2012	3	n/a	ND	
GU-3BG	u	O-Xylene	95-47-6	ug/L	10/4/2012	1	n/a	ND	
GU-3BG	u	M&P-Xylene	179601-23-1	ug/L	10/4/2012	2	n/a	ND	
GU-4	d	Antimony	7440-36-0	mg/L	10/4/2012	0.012	n/a	ND	
GU-4	d	Arsenic	7440-38-2	mg/L	10/4/2012	0.001	n/a	ND	
GU-4	d	Barium	7440-39-3	mg/L	10/4/2012	n/a	n/a		0.0205
GU-4	d	Beryllium	7440-41-7	mg/L	10/4/2012	0.001	n/a	ND	
GU-4	d	Cadmium	7440-43-9	mg/L	10/4/2012	0.0005	n/a	ND	
GU-4	d	Chromium	7440-47-3	mg/L	10/4/2012	0.02	n/a	ND	
GU-4	d	Cobalt	7440-48-4	mg/L	10/4/2012	0.00155	n/a	ND	
GU-4	d	Copper	7440-50-8	mg/L	10/4/2012	0.02	n/a	ND	
GU-4	d	Lead	7439-92-1	mg/L	10/4/2012	0.004	n/a	ND	
GU-4	d	Nickel	7440-02-0	mg/L	10/4/2012	0.05	n/a	ND	
GU-4	d	Selenium	7782-49-2	mg/L	10/4/2012	0.005	n/a	ND	
GU-4	d	Silver	7440-22-4	mg/L	10/4/2012	0.02	n/a	ND	
GU-4	d	Thallium	7440-28-0	mg/L	10/4/2012	0.002	n/a	ND	
GU-4	d	Vanadium	7440-62-2	mg/L	10/4/2012	0.05	n/a	ND	
GU-4	d	Zinc	7440-66-6	mg/L	10/4/2012	0.02	n/a	ND	
GU-4	d	Acetone	67-64-1	ug/L	10/4/2012	10	n/a	ND	

Table 9A
Analytical Data Summary - Phase II MSWLF
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Phase II MSWLF and CWTS
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
GU-4	d	Acrylonitrile	107-13-1	ug/L	10/4/2012	10	n/a	ND	
GU-4	d	Benzene	71-43-2	ug/L	10/4/2012	0.5	n/a	ND	
GU-4	d	Bromochloromethane	74-97-5	ug/L	10/4/2012	5	n/a	ND	
GU-4	d	Bromodichloromethane	75-27-4	ug/L	10/4/2012	1	n/a	ND	
GU-4	d	Bromoform	75-25-2	ug/L	10/4/2012	5	n/a	ND	
GU-4	d	Carbon disulfide	75-15-0	ug/L	10/4/2012	1	n/a	ND	
GU-4	d	Carbon Tetrachloride	56-23-5	ug/L	10/4/2012	2	n/a	ND	
GU-4	d	Chlorobenzene	108-90-7	ug/L	10/4/2012	1	n/a	ND	
GU-4	d	Chloroethane	75-00-3	ug/L	10/4/2012	4	n/a	ND	
GU-4	d	Chloroform	67-66-3	ug/L	10/4/2012	1	n/a	ND	
GU-4	d	Chlorodibromomethane	124-48-1	ug/L	10/4/2012	5	n/a	ND	
GU-4	d	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	10/4/2012	0.12	n/a	ND	
GU-4	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	10/4/2012	0.13	n/a	ND	
GU-4	d	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	10/4/2012	10	n/a	ND	
GU-4	d	1,1-Dichloroethane	75-34-3	ug/L	10/4/2012	1	n/a	ND	
GU-4	d	1,2-Dichloroethane	107-06-2	ug/L	10/4/2012	1	n/a	ND	
GU-4	d	1,1-Dichloroethene	75-35-4	ug/L	10/4/2012	2	n/a	ND	
GU-4	d	cis-1,2-Dichloroethene	156-59-2	ug/L	10/4/2012	1	n/a	ND	
GU-4	d	trans-1,2-Dichloroethene	156-60-5	ug/L	10/4/2012	1	n/a	ND	
GU-4	d	1,2-Dichloropropane	78-87-5	ug/L	10/4/2012	1	n/a	ND	
GU-4	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	10/4/2012	5	n/a	ND	
GU-4	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	10/4/2012	5	n/a	ND	
GU-4	d	1,2-Dichlorobenzene	95-50-1	ug/L	10/4/2012	1	n/a	ND	
GU-4	d	1,4-Dichlorobenzene	106-46-7	ug/L	10/4/2012	1	n/a	ND	
GU-4	d	Ethylbenzene	100-41-4	ug/L	10/4/2012	1	n/a	ND	
GU-4	d	2-Hexanone	591-78-6	ug/L	10/4/2012	10	n/a	ND	
GU-4	d	Bromomethane	74-83-9	ug/L	10/4/2012	4	n/a	ND	
GU-4	d	Chloromethane	74-87-3	ug/L	10/4/2012	3	n/a	ND	
GU-4	d	2-Butanone	78-93-3	ug/L	10/4/2012	10	n/a	ND	
GU-4	d	Iodomethane	74-88-4	ug/L	10/4/2012	10	n/a	ND	
GU-4	d	4-Methyl-2-pentanone	108-10-1	ug/L	10/4/2012	10	n/a	ND	
GU-4	d	Methylene Bromide	74-95-3	ug/L	10/4/2012	1	n/a	ND	
GU-4	d	Methylene Chloride	75-09-2	ug/L	10/4/2012	5	n/a	ND	
GU-4	d	Styrene	100-42-5	ug/L	10/4/2012	1	n/a	ND	
GU-4	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	10/4/2012	1	n/a	ND	
GU-4	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	10/4/2012	1	n/a	ND	
GU-4	d	Tetrachloroethene	127-18-4	ug/L	10/4/2012	1	n/a	ND	
GU-4	d	Toluene	108-88-3	ug/L	10/4/2012	1	n/a	ND	
GU-4	d	1,1,1-Trichloroethane	71-55-6	ug/L	10/4/2012	1	n/a	ND	
GU-4	d	1,1,2-Trichloroethane	79-00-5	ug/L	10/4/2012	1	n/a	ND	
GU-4	d	Trichloroethene	79-01-6	ug/L	10/4/2012	1	n/a	ND	
GU-4	d	Trichlorofluoromethane	75-69-4	ug/L	10/4/2012	4	n/a	ND	
GU-4	d	1,2,3-Trichloropropane	96-18-4	ug/L	10/4/2012	1	n/a	ND	
GU-4	d	Vinyl acetate	108-05-4	ug/L	10/4/2012	10	n/a	ND	
GU-4	d	Vinyl chloride	75-01-4	ug/L	10/4/2012	1	n/a	ND	
GU-4	d	Xylenes, total	1330-20-7	ug/L	10/4/2012	3	n/a	ND	
GU-4	d	O-Xylene	95-47-6	ug/L	10/4/2012	1	n/a	ND	
GU-4	d	m&p-Xylene	179601-23-1	ug/L	10/4/2012	2	n/a	ND	
GU-4BG	u	Antimony	7440-36-0	mg/L	10/4/2012	0.012	n/a	ND	
GU-4BG	u	Arsenic	7440-38-2	mg/L	10/4/2012	0.001	n/a	ND	
GU-4BG	u	Barium	7440-39-3	mg/L	10/4/2012	n/a	n/a		0.0205
GU-4BG	u	Beryllium	7440-41-7	mg/L	10/4/2012	0.001	n/a	ND	
GU-4BG	u	Cadmium	7440-43-9	mg/L	10/4/2012	0.0005	n/a	ND	
GU-4BG	u	Chromium	7440-47-3	mg/L	10/4/2012	0.02	n/a	ND	
GU-4BG	u	Cobalt	7440-48-4	mg/L	10/4/2012	0.00155	n/a	ND	
GU-4BG	u	Copper	7440-50-8	mg/L	10/4/2012	0.02	n/a	ND	
GU-4BG	u	Lead	7439-92-1	mg/L	10/4/2012	0.004	n/a	ND	
GU-4BG	u	Nickel	7440-02-0	mg/L	10/4/2012	0.05	n/a	ND	
GU-4BG	u	Selenium	7782-49-2	mg/L	10/4/2012	0.005	n/a	ND	
GU-4BG	u	Silver	7440-22-4	mg/L	10/4/2012	0.02	n/a	ND	
GU-4BG	u	Thallium	7440-28-0	mg/L	10/4/2012	0.002	n/a	ND	
GU-4BG	u	Vanadium	7440-62-2	mg/L	10/4/2012	0.05	n/a	ND	
GU-4BG	u	Zinc	7440-66-6	mg/L	10/4/2012	0.02	n/a	ND	
GU-4BG	u	Acetone	67-64-1	ug/L	10/4/2012	10	n/a	ND	
GU-4BG	u	Acrylonitrile	107-13-1	ug/L	10/4/2012	10	n/a	ND	
GU-4BG	u	Benzene	71-43-2	ug/L	10/4/2012	0.5	n/a	ND	
GU-4BG	u	Bromochloromethane	74-97-5	ug/L	10/4/2012	5	n/a	ND	
GU-4BG	u	Bromodichloromethane	75-27-4	ug/L	10/4/2012	1	n/a	ND	
GU-4BG	u	Bromoform	75-25-2	ug/L	10/4/2012	5	n/a	ND	
GU-4BG	u	Carbon disulfide	75-15-0	ug/L	10/4/2012	1	n/a	ND	
GU-4BG	u	Carbon Tetrachloride	56-23-5	ug/L	10/4/2012	2	n/a	ND	
GU-4BG	u	Chlorobenzene	108-90-7	ug/L	10/4/2012	1	n/a	ND	
GU-4BG	u	Chloroethane	75-00-3	ug/L	10/4/2012	4	n/a	ND	
GU-4BG	u	Chloroform	67-66-3	ug/L	10/4/2012	1	n/a	ND	
GU-4BG	u	Chlorodibromomethane	124-48-1	ug/L	10/4/2012	5	n/a	ND	

Table 9A
Analytical Data Summary - Phase II MSWLF
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Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
GU-4BG	u	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	10/4/2012	0.12	n/a	ND	
GU-4BG	u	1,2-Dibromoethane [EDB]	106-93-4	ug/L	10/4/2012	0.13	n/a	ND	
GU-4BG	u	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	10/4/2012	10	n/a	ND	
GU-4BG	u	1,1-Dichloroethane	75-34-3	ug/L	10/4/2012	1	n/a	ND	
GU-4BG	u	1,2-Dichloroethane	107-06-2	ug/L	10/4/2012	1	n/a	ND	
GU-4BG	u	1,1-Dichloroethene	75-35-4	ug/L	10/4/2012	2	n/a	ND	
GU-4BG	u	cis-1,2-Dichloroethene	156-59-2	ug/L	10/4/2012	1	n/a	ND	
GU-4BG	u	trans-1,2-Dichloroethene	156-60-5	ug/L	10/4/2012	1	n/a	ND	
GU-4BG	u	1,2-Dichloropropane	78-87-5	ug/L	10/4/2012	1	n/a	ND	
GU-4BG	u	cis-1,3-Dichloropropene	10061-01-5	ug/L	10/4/2012	5	n/a	ND	
GU-4BG	u	trans-1,3-Dichloropropene	10061-02-6	ug/L	10/4/2012	5	n/a	ND	
GU-4BG	u	1,2-Dichlorobenzene	95-50-1	ug/L	10/4/2012	1	n/a	ND	
GU-4BG	u	1,4-Dichlorobenzene	106-46-7	ug/L	10/4/2012	1	n/a	ND	
GU-4BG	u	Ethylbenzene	100-41-4	ug/L	10/4/2012	1	n/a	ND	
GU-4BG	u	2-Hexanone	591-78-6	ug/L	10/4/2012	10	n/a	ND	
GU-4BG	u	Bromomethane	74-83-9	ug/L	10/4/2012	4	n/a	ND	
GU-4BG	u	Chloromethane	74-87-3	ug/L	10/4/2012	3	n/a	ND	
GU-4BG	u	2-Butanone	78-93-3	ug/L	10/4/2012	10	n/a	ND	
GU-4BG	u	Iodomethane	74-88-4	ug/L	10/4/2012	10	n/a	ND	
GU-4BG	u	4-Methyl-2-pentanone	108-10-1	ug/L	10/4/2012	10	n/a	ND	
GU-4BG	u	Methylene Bromide	74-95-3	ug/L	10/4/2012	1	n/a	ND	
GU-4BG	u	Methylene Chloride	75-09-2	ug/L	10/4/2012	5	n/a	ND	
GU-4BG	u	Styrene	100-42-5	ug/L	10/4/2012	1	n/a	ND	
GU-4BG	u	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	10/4/2012	1	n/a	ND	
GU-4BG	u	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	10/4/2012	1	n/a	ND	
GU-4BG	u	Tetrachloroethene	127-18-4	ug/L	10/4/2012	1	n/a	ND	
GU-4BG	u	Toluene	108-88-3	ug/L	10/4/2012	1	n/a	ND	
GU-4BG	u	1,1,1-Trichloroethane	71-55-6	ug/L	10/4/2012	1	n/a	ND	
GU-4BG	u	1,1,2-Trichloroethane	79-00-5	ug/L	10/4/2012	1	n/a	ND	
GU-4BG	u	Trichloroethene	79-01-6	ug/L	10/4/2012	1	n/a	ND	
GU-4BG	u	Trichlorofluoromethane	75-69-4	ug/L	10/4/2012	4	n/a	ND	
GU-4BG	u	1,2,3-Trichloropropane	96-18-4	ug/L	10/4/2012	1	n/a	ND	
GU-4BG	u	Vinyl acetate	108-05-4	ug/L	10/4/2012	10	n/a	ND	
GU-4BG	u	Vinyl chloride	75-01-4	ug/L	10/4/2012	1	n/a	ND	
GU-4BG	u	Xylenes, total	1330-20-7	ug/L	10/4/2012	3	n/a	ND	
GU-4BG	u	O-Xylene	95-47-6	ug/L	10/4/2012	1	n/a	ND	
GU-4BG	u	m&P-Xylene	179601-23-1	ug/L	10/4/2012	2	n/a	ND	
GU-5	d	Antimony	7440-36-0	mg/L	10/4/2012	0.006	n/a	ND	
GU-5	d	Arsenic	7440-38-2	mg/L	10/4/2012	n/a	n/a		0.0013
GU-5	d	Barium	7440-39-3	mg/L	10/4/2012	n/a	n/a		0.42
GU-5	d	Beryllium	7440-41-7	mg/L	10/4/2012	0.001	n/a	ND	
GU-5	d	Cadmium	7440-43-9	mg/L	10/4/2012	0.0005	n/a	ND	
GU-5	d	Chromium	7440-47-3	mg/L	10/4/2012	0.02	n/a	ND	
GU-5	d	Cobalt	7440-48-4	mg/L	10/4/2012	n/a	n/a		0.00276
GU-5	d	Copper	7440-50-8	mg/L	10/4/2012	0.02	n/a	ND	
GU-5	d	Lead	7439-92-1	mg/L	10/4/2012	0.004	n/a	ND	
GU-5	d	Nickel	7440-02-0	mg/L	10/4/2012	0.05	n/a	ND	
GU-5	d	Selenium	7782-49-2	mg/L	10/4/2012	0.005	n/a	ND	
GU-5	d	Silver	7440-22-4	mg/L	10/4/2012	0.02	n/a	ND	
GU-5	d	Thallium	7440-28-0	mg/L	10/4/2012	0.002	n/a	ND	
GU-5	d	Vanadium	7440-62-2	mg/L	10/4/2012	0.05	n/a	ND	
GU-5	d	Zinc	7440-66-6	mg/L	10/4/2012	0.02	n/a	ND	
GU-5	d	Acetone	67-64-1	ug/L	10/4/2012	10	n/a	ND	
GU-5	d	Acrylonitrile	107-13-1	ug/L	10/4/2012	10	n/a	ND	
GU-5	d	Benzene	71-43-2	ug/L	10/4/2012	0.5	n/a	ND	
GU-5	d	Bromochloromethane	74-97-5	ug/L	10/4/2012	5	n/a	ND	
GU-5	d	Bromodichloromethane	75-27-4	ug/L	10/4/2012	1	n/a	ND	
GU-5	d	Bromoform	75-25-2	ug/L	10/4/2012	5	n/a	ND	
GU-5	d	Carbon disulfide	75-15-0	ug/L	10/4/2012	1	n/a	ND	
GU-5	d	Carbon Tetrachloride	56-23-5	ug/L	10/4/2012	2	n/a	ND	
GU-5	d	Chlorobenzene	108-90-7	ug/L	10/4/2012	1	n/a	ND	
GU-5	d	Chloroethane	75-00-3	ug/L	10/4/2012	4	n/a	ND	
GU-5	d	Chloroform	67-66-3	ug/L	10/4/2012	1	n/a	ND	
GU-5	d	Chlorodibromomethane	124-48-1	ug/L	10/4/2012	5	n/a	ND	
GU-5	d	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	10/4/2012	n/a	n/a		0.52
GU-5	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	10/4/2012	0.13	n/a	ND	
GU-5	d	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	10/4/2012	10	n/a	ND	
GU-5	d	1,1-Dichloroethane	75-34-3	ug/L	10/4/2012	1	n/a	ND	
GU-5	d	1,2-Dichloroethane	107-06-2	ug/L	10/4/2012	1	n/a	ND	
GU-5	d	1,1-Dichloroethene	75-35-4	ug/L	10/4/2012	2	n/a	ND	
GU-5	d	cis-1,2-Dichloroethene	156-59-2	ug/L	10/4/2012	1	n/a	ND	
GU-5	d	trans-1,2-Dichloroethene	156-60-5	ug/L	10/4/2012	1	n/a	ND	
GU-5	d	1,2-Dichloropropane	78-87-5	ug/L	10/4/2012	1	n/a	ND	
GU-5	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	10/4/2012	5	n/a	ND	
GU-5	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	10/4/2012	5	n/a	ND	

Table 9A
Analytical Data Summary - Phase II MSWLF
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Phase II MSWLF and CWTS
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
GU-5	d	1,2-Dichlorobenzene	95-50-1	ug/L	10/4/2012	1	n/a	ND	
GU-5	d	1,4-Dichlorobenzene	106-46-7	ug/L	10/4/2012	1	n/a	ND	
GU-5	d	Ethylbenzene	100-41-4	ug/L	10/4/2012	1	n/a	ND	
GU-5	d	2-Hexanone	591-78-6	ug/L	10/4/2012	10	n/a	ND	
GU-5	d	Bromomethane	74-83-9	ug/L	10/4/2012	4	n/a	ND	
GU-5	d	Chloromethane	74-87-3	ug/L	10/4/2012	3	n/a	ND	
GU-5	d	2-Butanone	78-93-3	ug/L	10/4/2012	10	n/a	ND	
GU-5	d	Iodomethane	74-88-4	ug/L	10/4/2012	10	n/a	ND	
GU-5	d	4-Methyl-2-pentanone	108-10-1	ug/L	10/4/2012	10	n/a	ND	
GU-5	d	Methylene Bromide	74-95-3	ug/L	10/4/2012	1	n/a	ND	
GU-5	d	Methylene Chloride	75-09-2	ug/L	10/4/2012	5	n/a	ND	
GU-5	d	Styrene	100-42-5	ug/L	10/4/2012	1	n/a	ND	
GU-5	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	10/4/2012	1	n/a	ND	
GU-5	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	10/4/2012	1	n/a	ND	
GU-5	d	Tetrachloroethene	127-18-4	ug/L	10/4/2012	1	n/a	ND	
GU-5	d	Toluene	108-88-3	ug/L	10/4/2012	1	n/a	ND	
GU-5	d	1,1,1-Trichloroethane	71-55-6	ug/L	10/4/2012	1	n/a	ND	
GU-5	d	1,1,2-Trichloroethane	79-00-5	ug/L	10/4/2012	1	n/a	ND	
GU-5	d	Trichloroethene	79-01-6	ug/L	10/4/2012	1	n/a	ND	
GU-5	d	Trichlorofluoromethane	75-69-4	ug/L	10/4/2012	4	n/a	ND	
GU-5	d	1,2,3-Trichloropropane	96-18-4	ug/L	10/4/2012	1	n/a	ND	
GU-5	d	Vinyl acetate	108-05-4	ug/L	10/4/2012	10	n/a	ND	
GU-5	d	Vinyl chloride	75-01-4	ug/L	10/4/2012	1	n/a	ND	
GU-5	d	Xylenes, total	1330-20-7	ug/L	10/4/2012	3	n/a	ND	
GU-5	d	O-Xylene	95-47-6	ug/L	10/4/2012	1	n/a	ND	
GU-5	d	M&P-Xylene	179601-23-1	ug/L	10/4/2012	2	n/a	ND	
GU-5BG	u	Antimony	7440-36-0	mg/L	10/4/2012	0.006	n/a	ND	
GU-5BG	u	Arsenic	7440-38-2	mg/L	10/4/2012	n/a	n/a		0.0013
GU-5BG	u	Barium	7440-39-3	mg/L	10/4/2012	n/a	n/a		0.42
GU-5BG	u	Beryllium	7440-41-7	mg/L	10/4/2012	0.001	n/a	ND	
GU-5BG	u	Cadmium	7440-43-9	mg/L	10/4/2012	0.0005	n/a	ND	
GU-5BG	u	Chromium	7440-47-3	mg/L	10/4/2012	0.02	n/a	ND	
GU-5BG	u	Cobalt	7440-48-4	mg/L	10/4/2012	n/a	n/a		0.00276
GU-5BG	u	Copper	7440-50-8	mg/L	10/4/2012	0.02	n/a	ND	
GU-5BG	u	Lead	7439-92-1	mg/L	10/4/2012	0.004	n/a	ND	
GU-5BG	u	Nickel	7440-02-0	mg/L	10/4/2012	0.05	n/a	ND	
GU-5BG	u	Selenium	7782-49-2	mg/L	10/4/2012	0.005	n/a	ND	
GU-5BG	u	Silver	7440-22-4	mg/L	10/4/2012	0.02	n/a	ND	
GU-5BG	u	Thallium	7440-28-0	mg/L	10/4/2012	0.002	n/a	ND	
GU-5BG	u	Vanadium	7440-62-2	mg/L	10/4/2012	0.05	n/a	ND	
GU-5BG	u	Zinc	7440-66-6	mg/L	10/4/2012	0.02	n/a	ND	
GU-5BG	u	Acetone	67-64-1	ug/L	10/4/2012	10	n/a	ND	
GU-5BG	u	Acrylonitrile	107-13-1	ug/L	10/4/2012	10	n/a	ND	
GU-5BG	u	Benzene	71-43-2	ug/L	10/4/2012	0.5	n/a	ND	
GU-5BG	u	Bromochloromethane	74-97-5	ug/L	10/4/2012	5	n/a	ND	
GU-5BG	u	Bromodichloromethane	75-27-4	ug/L	10/4/2012	1	n/a	ND	
GU-5BG	u	Bromoform	75-25-2	ug/L	10/4/2012	5	n/a	ND	
GU-5BG	u	Carbon disulfide	75-15-0	ug/L	10/4/2012	1	n/a	ND	
GU-5BG	u	Carbon Tetrachloride	56-23-5	ug/L	10/4/2012	2	n/a	ND	
GU-5BG	u	Chlorobenzene	108-90-7	ug/L	10/4/2012	1	n/a	ND	
GU-5BG	u	Chloroethane	75-00-3	ug/L	10/4/2012	4	n/a	ND	
GU-5BG	u	Chloroform	67-66-3	ug/L	10/4/2012	1	n/a	ND	
GU-5BG	u	Chlorodibromomethane	124-48-1	ug/L	10/4/2012	5	n/a	ND	
GU-5BG	u	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	10/4/2012	n/a	n/a		0.52
GU-5BG	u	1,2-Dibromoethane [EDB]	106-93-4	ug/L	10/4/2012	0.13	n/a	ND	
GU-5BG	u	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	10/4/2012	10	n/a	ND	
GU-5BG	u	1,1-Dichloroethane	75-34-3	ug/L	10/4/2012	1	n/a	ND	
GU-5BG	u	1,2-Dichloroethane	107-06-2	ug/L	10/4/2012	1	n/a	ND	
GU-5BG	u	1,1-Dichloroethene	75-35-4	ug/L	10/4/2012	2	n/a	ND	
GU-5BG	u	cis-1,2-Dichloroethene	156-59-2	ug/L	10/4/2012	1	n/a	ND	
GU-5BG	u	trans-1,2-Dichloroethene	156-60-5	ug/L	10/4/2012	1	n/a	ND	
GU-5BG	u	1,2-Dichloropropane	78-87-5	ug/L	10/4/2012	1	n/a	ND	
GU-5BG	u	cis-1,3-Dichloropropene	10061-01-5	ug/L	10/4/2012	5	n/a	ND	
GU-5BG	u	trans-1,3-Dichloropropene	10061-02-6	ug/L	10/4/2012	5	n/a	ND	
GU-5BG	u	1,2-Dichlorobenzene	95-50-1	ug/L	10/4/2012	1	n/a	ND	
GU-5BG	u	1,4-Dichlorobenzene	106-46-7	ug/L	10/4/2012	1	n/a	ND	
GU-5BG	u	Ethylbenzene	100-41-4	ug/L	10/4/2012	1	n/a	ND	
GU-5BG	u	2-Hexanone	591-78-6	ug/L	10/4/2012	10	n/a	ND	
GU-5BG	u	Bromomethane	74-83-9	ug/L	10/4/2012	4	n/a	ND	
GU-5BG	u	Chloromethane	74-87-3	ug/L	10/4/2012	3	n/a	ND	
GU-5BG	u	2-Butanone	78-93-3	ug/L	10/4/2012	10	n/a	ND	
GU-5BG	u	Iodomethane	74-88-4	ug/L	10/4/2012	10	n/a	ND	
GU-5BG	u	4-Methyl-2-pentanone	108-10-1	ug/L	10/4/2012	10	n/a	ND	
GU-5BG	u	Methylene Bromide	74-95-3	ug/L	10/4/2012	1	n/a	ND	
GU-5BG	u	Methylene Chloride	75-09-2	ug/L	10/4/2012	5	n/a	ND	

Table 9A
Analytical Data Summary - Phase II MSWLF
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Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
GU-5BG	u	Styrene	100-42-5	ug/L	10/4/2012	1	n/a	ND	
GU-5BG	u	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	10/4/2012	1	n/a	ND	
GU-5BG	u	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	10/4/2012	1	n/a	ND	
GU-5BG	u	Tetrachloroethene	127-18-4	ug/L	10/4/2012	1	n/a	ND	
GU-5BG	u	Toluene	108-88-3	ug/L	10/4/2012	1	n/a	ND	
GU-5BG	u	1,1,1-Trichloroethane	71-55-6	ug/L	10/4/2012	1	n/a	ND	
GU-5BG	u	1,1,2-Trichloroethane	79-00-5	ug/L	10/4/2012	1	n/a	ND	
GU-5BG	u	Trichloroethene	79-01-6	ug/L	10/4/2012	1	n/a	ND	
GU-5BG	u	Trichlorofluoromethane	75-69-4	ug/L	10/4/2012	4	n/a	ND	
GU-5BG	u	1,2,3-Trichloropropane	96-18-4	ug/L	10/4/2012	1	n/a	ND	
GU-5BG	u	Vinyl acetate	108-05-4	ug/L	10/4/2012	10	n/a	ND	
GU-5BG	u	Vinyl chloride	75-01-4	ug/L	10/4/2012	1	n/a	ND	
GU-5BG	u	Xylenes, total	1330-20-7	ug/L	10/4/2012	3	n/a	ND	
GU-5BG	u	O-Xylene	95-47-6	ug/L	10/4/2012	1	n/a	ND	
GU-5BG	u	M&P-Xylene	179601-23-1	ug/L	10/4/2012	2	n/a	ND	
MW-26	u	Antimony	7440-36-0	mg/L	10/4/2012	0.006	n/a	ND	
MW-26	u	Arsenic	7440-38-2	mg/L	10/4/2012	0.001	n/a	ND	
MW-26	u	Barium	7440-39-3	mg/L	10/4/2012	n/a	n/a		0.0653
MW-26	u	Beryllium	7440-41-7	mg/L	10/4/2012	0.001	n/a	ND	
MW-26	u	Cadmium	7440-43-9	mg/L	10/4/2012	0.0005	n/a	ND	
MW-26	u	Chromium	7440-47-3	mg/L	10/4/2012	0.02	n/a	ND	
MW-26	u	Cobalt	7440-48-4	mg/L	10/4/2012	0.00155	n/a	ND	
MW-26	u	Copper	7440-50-8	mg/L	10/4/2012	0.02	n/a	ND	
MW-26	u	Lead	7439-92-1	mg/L	10/4/2012	0.004	n/a	ND	
MW-26	u	Nickel	7440-02-0	mg/L	10/4/2012	0.05	n/a	ND	
MW-26	u	Selenium	7782-49-2	mg/L	10/4/2012	n/a	n/a		0.0459
MW-26	u	Silver	7440-22-4	mg/L	10/4/2012	0.02	n/a	ND	
MW-26	u	Thallium	7440-28-0	mg/L	10/4/2012	0.002	n/a	ND	
MW-26	u	Vanadium	7440-62-2	mg/L	10/4/2012	0.05	n/a	ND	
MW-26	u	Zinc	7440-66-6	mg/L	10/4/2012	0.02	n/a	ND	
MW-B	d	Antimony	7440-36-0	mg/L	10/4/2012	0.006	n/a	ND	
MW-B	d	Arsenic	7440-38-2	mg/L	10/4/2012	0.001	n/a	ND	
MW-B	d	Barium	7440-39-3	mg/L	10/4/2012	n/a	n/a		0.0715
MW-B	d	Beryllium	7440-41-7	mg/L	10/4/2012	0.001	n/a	ND	
MW-B	d	Cadmium	7440-43-9	mg/L	10/4/2012	0.0005	n/a	ND	
MW-B	d	Chromium	7440-47-3	mg/L	10/4/2012	n/a	n/a		0.028
MW-B	d	Cobalt	7440-48-4	mg/L	10/4/2012	n/a	n/a		0.0248
MW-B	d	Copper	7440-50-8	mg/L	10/4/2012	n/a	n/a		0.0229
MW-B	d	Lead	7439-92-1	mg/L	10/4/2012	0.004	n/a	ND	
MW-B	d	Nickel	7440-02-0	mg/L	10/4/2012	0.05	n/a	ND	
MW-B	d	Selenium	7782-49-2	mg/L	10/4/2012	0.005	n/a	ND	
MW-B	d	Silver	7440-22-4	mg/L	10/4/2012	0.02	n/a	ND	
MW-B	d	Thallium	7440-28-0	mg/L	10/4/2012	0.002	n/a	ND	
MW-B	d	Vanadium	7440-62-2	mg/L	10/4/2012	0.05	n/a	ND	
MW-B	d	Zinc	7440-66-6	mg/L	10/4/2012	0.02	n/a	ND	
MW-B	d	Acetone	67-64-1	ug/L	10/4/2012	10	n/a	ND	
MW-B	d	Acrylonitrile	107-13-1	ug/L	10/4/2012	10	n/a	ND	
MW-B	d	Benzene	71-43-2	ug/L	10/4/2012	0.5	n/a	ND	
MW-B	d	Bromochloromethane	74-97-5	ug/L	10/4/2012	5	n/a	ND	
MW-B	d	Bromodichloromethane	75-27-4	ug/L	10/4/2012	1	n/a	ND	
MW-B	d	Bromoform	75-25-2	ug/L	10/4/2012	5	n/a	ND	
MW-B	d	Carbon disulfide	75-15-0	ug/L	10/4/2012	1	n/a	ND	
MW-B	d	Carbon Tetrachloride	56-23-5	ug/L	10/4/2012	2	n/a	ND	
MW-B	d	Chlorobenzene	108-90-7	ug/L	10/4/2012	1	n/a	ND	
MW-B	d	Chloroethane	75-00-3	ug/L	10/4/2012	4	n/a	ND	
MW-B	d	Chloroform	67-66-3	ug/L	10/4/2012	1	n/a	ND	
MW-B	d	Chlorodibromomethane	124-48-1	ug/L	10/4/2012	5	n/a	ND	
MW-B	d	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	10/4/2012	0.12	n/a	ND	
MW-B	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	10/4/2012	0.13	n/a	ND	
MW-B	d	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	10/4/2012	10	n/a	ND	
MW-B	d	1,1-Dichloroethane	75-34-3	ug/L	10/4/2012	1	n/a	ND	
MW-B	d	1,2-Dichloroethane	107-06-2	ug/L	10/4/2012	1	n/a	ND	
MW-B	d	1,1-Dichloroethene	75-35-4	ug/L	10/4/2012	2	n/a	ND	
MW-B	d	cis-1,2-Dichloroethene	156-59-2	ug/L	10/4/2012	1	n/a	ND	
MW-B	d	trans-1,2-Dichloroethene	156-60-5	ug/L	10/4/2012	1	n/a	ND	
MW-B	d	1,2-Dichloropropane	78-87-5	ug/L	10/4/2012	1	n/a	ND	
MW-B	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	10/4/2012	5	n/a	ND	
MW-B	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	10/4/2012	5	n/a	ND	
MW-B	d	1,2-Dichlorobenzene	95-50-1	ug/L	10/4/2012	1	n/a	ND	
MW-B	d	1,4-Dichlorobenzene	106-46-7	ug/L	10/4/2012	1	n/a	ND	
MW-B	d	Ethylbenzene	100-41-4	ug/L	10/4/2012	1	n/a	ND	
MW-B	d	2-Hexanone	591-78-6	ug/L	10/4/2012	10	n/a	ND	
MW-B	d	Bromomethane	74-83-9	ug/L	10/4/2012	4	n/a	ND	
MW-B	d	Chloromethane	74-87-3	ug/L	10/4/2012	3	n/a	ND	
MW-B	d	2-Butanone	78-93-3	ug/L	10/4/2012	10	n/a	ND	

Table 9A
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Phase II MSWLF and CWTS
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Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-B	d	Iodomethane	74-88-4	ug/L	10/4/2012	10	n/a	ND	
MW-B	d	4-Methyl-2-pentanone	108-10-1	ug/L	10/4/2012	10	n/a	ND	
MW-B	d	Methylene Bromide	74-95-3	ug/L	10/4/2012	1	n/a	ND	
MW-B	d	Methylene Chloride	75-09-2	ug/L	10/4/2012	5	n/a	ND	
MW-B	d	Styrene	100-42-5	ug/L	10/4/2012	1	n/a	ND	
MW-B	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	10/4/2012	1	n/a	ND	
MW-B	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	10/4/2012	1	n/a	ND	
MW-B	d	Tetrachloroethene	127-18-4	ug/L	10/4/2012	1	n/a	ND	
MW-B	d	Toluene	108-88-3	ug/L	10/4/2012	1	n/a	ND	
MW-B	d	1,1,1-Trichloroethane	71-55-6	ug/L	10/4/2012	1	n/a	ND	
MW-B	d	1,1,2-Trichloroethane	79-00-5	ug/L	10/4/2012	1	n/a	ND	
MW-B	d	Trichloroethene	79-01-6	ug/L	10/4/2012	1	n/a	ND	
MW-B	d	Trichlorofluoromethane	75-69-4	ug/L	10/4/2012	4	n/a	ND	
MW-B	d	1,2,3-Trichloropropane	96-18-4	ug/L	10/4/2012	1	n/a	ND	
MW-B	d	Vinyl acetate	108-05-4	ug/L	10/4/2012	10	n/a	ND	
MW-B	d	Vinyl chloride	75-01-4	ug/L	10/4/2012	1	n/a	ND	
MW-B	d	Xylenes, total	1330-20-7	ug/L	10/4/2012	3	n/a	ND	
MW-B	d	O-Xylene	95-47-6	ug/L	10/4/2012	1	n/a	ND	
MW-B	d	M&P-Xylene	179601-23-1	ug/L	10/4/2012	2	n/a	ND	
MW-C	d	Antimony	7440-36-0	mg/L	10/4/2012	0.006	n/a	ND	
MW-C	d	Arsenic	7440-38-2	mg/L	10/4/2012	0.002	n/a	ND	
MW-C	d	Barium	7440-39-3	mg/L	10/4/2012	n/a	n/a		0.549
MW-C	d	Beryllium	7440-41-7	mg/L	10/4/2012	0.001	n/a	ND	
MW-C	d	Cadmium	7440-43-9	mg/L	10/4/2012	0.0005	n/a	ND	
MW-C	d	Chromium	7440-47-3	mg/L	10/4/2012	0.02	n/a	ND	
MW-C	d	Cobalt	7440-48-4	mg/L	10/4/2012	0.00155	n/a	ND	
MW-C	d	Copper	7440-50-8	mg/L	10/4/2012	0.02	n/a	ND	
MW-C	d	Lead	7439-92-1	mg/L	10/4/2012	0.004	n/a	ND	
MW-C	d	Nickel	7440-02-0	mg/L	10/4/2012	0.05	n/a	ND	
MW-C	d	Selenium	7782-49-2	mg/L	10/4/2012	0.005	n/a	ND	
MW-C	d	Silver	7440-22-4	mg/L	10/4/2012	0.02	n/a	ND	
MW-C	d	Thallium	7440-28-0	mg/L	10/4/2012	0.002	n/a	ND	
MW-C	d	Vanadium	7440-62-2	mg/L	10/4/2012	0.05	n/a	ND	
MW-C	d	Zinc	7440-66-6	mg/L	10/4/2012	0.02	n/a	ND	
MW-C	d	Acetone	67-64-1	ug/L	10/4/2012	10	n/a	ND	
MW-C	d	Acrylonitrile	107-13-1	ug/L	10/4/2012	10	n/a	ND	
MW-C	d	Benzene	71-43-2	ug/L	10/4/2012	0.5	n/a	ND	
MW-C	d	Bromochloromethane	74-97-5	ug/L	10/4/2012	5	n/a	ND	
MW-C	d	Bromodichloromethane	75-27-4	ug/L	10/4/2012	1	n/a	ND	
MW-C	d	Bromoform	75-25-2	ug/L	10/4/2012	5	n/a	ND	
MW-C	d	Carbon disulfide	75-15-0	ug/L	10/4/2012	1	n/a	ND	
MW-C	d	Carbon Tetrachloride	56-23-5	ug/L	10/4/2012	2	n/a	ND	
MW-C	d	Chlorobenzene	108-90-7	ug/L	10/4/2012	1	n/a	ND	
MW-C	d	Chloroethane	75-00-3	ug/L	10/4/2012	4	n/a	ND	
MW-C	d	Chloroform	67-66-3	ug/L	10/4/2012	1	n/a	ND	
MW-C	d	Chlorodibromomethane	124-48-1	ug/L	10/4/2012	5	n/a	ND	
MW-C	d	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	10/4/2012	0.12	n/a	ND	
MW-C	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	10/4/2012	0.13	n/a	ND	
MW-C	d	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	10/4/2012	10	n/a	ND	
MW-C	d	1,1-Dichloroethane	75-34-3	ug/L	10/4/2012	1	n/a	ND	
MW-C	d	1,2-Dichloroethane	107-06-2	ug/L	10/4/2012	1	n/a	ND	
MW-C	d	1,1-Dichloroethene	75-35-4	ug/L	10/4/2012	2	n/a	ND	
MW-C	d	cis-1,2-Dichloroethene	156-59-2	ug/L	10/4/2012	1	n/a	ND	
MW-C	d	trans-1,2-Dichloroethene	156-60-5	ug/L	10/4/2012	1	n/a	ND	
MW-C	d	1,2-Dichloropropane	78-87-5	ug/L	10/4/2012	1	n/a	ND	
MW-C	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	10/4/2012	5	n/a	ND	
MW-C	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	10/4/2012	5	n/a	ND	
MW-C	d	1,2-Dichlorobenzene	95-50-1	ug/L	10/4/2012	1	n/a	ND	
MW-C	d	1,4-Dichlorobenzene	106-46-7	ug/L	10/4/2012	1	n/a	ND	
MW-C	d	Ethylbenzene	100-41-4	ug/L	10/4/2012	1	n/a	ND	
MW-C	d	2-Hexanone	591-78-6	ug/L	10/4/2012	10	n/a	ND	
MW-C	d	Bromomethane	74-83-9	ug/L	10/4/2012	4	n/a	ND	
MW-C	d	Chloromethane	74-87-3	ug/L	10/4/2012	3	n/a	ND	
MW-C	d	2-Butanone	78-93-3	ug/L	10/4/2012	10	n/a	ND	
MW-C	d	Iodomethane	74-88-4	ug/L	10/4/2012	10	n/a	ND	
MW-C	d	4-Methyl-2-pentanone	108-10-1	ug/L	10/4/2012	10	n/a	ND	
MW-C	d	Methylene Bromide	74-95-3	ug/L	10/4/2012	1	n/a	ND	
MW-C	d	Methylene Chloride	75-09-2	ug/L	10/4/2012	5	n/a	ND	
MW-C	d	Styrene	100-42-5	ug/L	10/4/2012	1	n/a	ND	
MW-C	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	10/4/2012	1	n/a	ND	
MW-C	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	10/4/2012	1	n/a	ND	
MW-C	d	Tetrachloroethene	127-18-4	ug/L	10/4/2012	1	n/a	ND	
MW-C	d	Toluene	108-88-3	ug/L	10/4/2012	1	n/a	ND	
MW-C	d	1,1,1-Trichloroethane	71-55-6	ug/L	10/4/2012	1	n/a	ND	
MW-C	d	1,1,2-Trichloroethane	79-00-5	ug/L	10/4/2012	1	n/a	ND	

Table 9A
Analytical Data Summary - Phase II MSWLF
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Phase II MSWLF and CWTS
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-C	d	Trichloroethene	79-01-6	ug/L	10/4/2012	1	n/a	ND	
MW-C	d	Trichlorofluoromethane	75-69-4	ug/L	10/4/2012	4	n/a	ND	
MW-C	d	1,2,3-Trichloropropane	96-18-4	ug/L	10/4/2012	1	n/a	ND	
MW-C	d	Vinyl acetate	108-05-4	ug/L	10/4/2012	10	n/a	ND	
MW-C	d	Vinyl chloride	75-01-4	ug/L	10/4/2012	1	n/a	ND	
MW-C	d	Xylenes, total	1330-20-7	ug/L	10/4/2012	3	n/a	ND	
MW-C	d	O-Xylene	95-47-6	ug/L	10/4/2012	1	n/a	ND	
MW-C	d	M&P-Xylene	179601-23-1	ug/L	10/4/2012	2	n/a	ND	
MW-B	d	Chromium	7440-47-3	mg/L	1/29/2013	n/a	n/a		0.00836
MW-B	d	Cobalt	7440-48-4	mg/L	1/29/2013	n/a	n/a		0.00143
UO-2	d	Antimony	7440-36-0	mg/L	4/15/2013	0.006	n/a	ND	
UO-2	d	Arsenic	7440-38-2	mg/L	4/15/2013	0.001	n/a	ND	
UO-2	d	Barium	7440-39-3	mg/L	4/15/2013	n/a	n/a		0.0398
UO-2	d	Beryllium	7440-41-7	mg/L	4/15/2013	0.001	n/a	ND	
UO-2	d	Cadmium	7440-43-9	mg/L	4/15/2013	0.0005	n/a	ND	
UO-2	d	Chromium	7440-47-3	mg/L	4/15/2013	0.02	n/a	ND	
UO-2	d	Cobalt	7440-48-4	mg/L	4/15/2013	n/a	n/a		0.00173
UO-2	d	Copper	7440-50-8	mg/L	4/15/2013	0.02	n/a	ND	
UO-2	d	Lead	7439-92-1	mg/L	4/15/2013	0.004	n/a	ND	
UO-2	d	Nickel	7440-02-0	mg/L	4/15/2013	0.05	n/a	ND	
UO-2	d	Selenium	7782-49-2	mg/L	4/15/2013	0.005	n/a	ND	
UO-2	d	Silver	7440-22-4	mg/L	4/15/2013	0.02	n/a	ND	
UO-2	d	Thallium	7440-28-0	mg/L	4/15/2013	0.002	n/a	ND	
UO-2	d	Vanadium	7440-62-2	mg/L	4/15/2013	0.05	n/a	ND	
UO-2	d	Zinc	7440-66-6	mg/L	4/15/2013	n/a	n/a		0.0428
UO-2	d	Acetone	67-64-1	ug/L	4/15/2013	10	n/a	ND	
UO-2	d	Acrylonitrile	107-13-1	ug/L	4/15/2013	10	n/a	ND	
UO-2	d	Benzene	71-43-2	ug/L	4/15/2013	0.5	n/a	ND	
UO-2	d	Bromochloromethane	74-97-5	ug/L	4/15/2013	5	n/a	ND	
UO-2	d	Bromodichloromethane	75-27-4	ug/L	4/15/2013	1	n/a	ND	
UO-2	d	Bromoform	75-25-2	ug/L	4/15/2013	5	n/a	ND	
UO-2	d	Carbon disulfide	75-15-0	ug/L	4/15/2013	1	n/a	ND	
UO-2	d	Carbon Tetrachloride	56-23-5	ug/L	4/15/2013	2	n/a	ND	
UO-2	d	Chlorobenzene	108-90-7	ug/L	4/15/2013	1	n/a	ND	
UO-2	d	Chloroethane	75-00-3	ug/L	4/15/2013	4	n/a	ND	
UO-2	d	Chloroform	67-66-3	ug/L	4/15/2013	1	n/a	ND	
UO-2	d	Chlorodibromomethane	124-48-1	ug/L	4/15/2013	5	n/a	ND	
UO-2	d	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	4/15/2013	0.12	n/a	ND	
UO-2	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	4/15/2013	0.13	n/a	ND	
UO-2	d	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	4/15/2013	10	n/a	ND	
UO-2	d	1,1-Dichloroethane	75-34-3	ug/L	4/15/2013	1	n/a	ND	
UO-2	d	1,2-Dichloroethane	107-06-2	ug/L	4/15/2013	1	n/a	ND	
UO-2	d	1,1-Dichloroethene	75-35-4	ug/L	4/15/2013	2	n/a	ND	
UO-2	d	cis-1,2-Dichloroethene	156-59-2	ug/L	4/15/2013	1	n/a	ND	
UO-2	d	trans-1,2-Dichloroethene	156-60-5	ug/L	4/15/2013	1	n/a	ND	
UO-2	d	1,2-Dichloropropane	78-87-5	ug/L	4/15/2013	1	n/a	ND	
UO-2	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	4/15/2013	5	n/a	ND	
UO-2	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	4/15/2013	5	n/a	ND	
UO-2	d	1,2-Dichlorobenzene	95-50-1	ug/L	4/15/2013	1	n/a	ND	
UO-2	d	1,4-Dichlorobenzene	106-46-7	ug/L	4/15/2013	1	n/a	ND	
UO-2	d	Ethylbenzene	100-41-4	ug/L	4/15/2013	1	n/a	ND	
UO-2	d	2-Hexanone	591-78-6	ug/L	4/15/2013	10	n/a	ND	
UO-2	d	Bromomethane	74-83-9	ug/L	4/15/2013	4	n/a	ND	
UO-2	d	Chloromethane	74-87-3	ug/L	4/15/2013	3	n/a	ND	
UO-2	d	2-Butanone	78-93-3	ug/L	4/15/2013	10	n/a	ND	
UO-2	d	Iodomethane	74-88-4	ug/L	4/15/2013	10	n/a	ND	
UO-2	d	4-Methyl-2-pentanone	108-10-1	ug/L	4/15/2013	10	n/a	ND	
UO-2	d	Methylene Bromide	74-95-3	ug/L	4/15/2013	1	n/a	ND	
UO-2	d	Methylene Chloride	75-09-2	ug/L	4/15/2013	5	n/a	ND	
UO-2	d	Styrene	100-42-5	ug/L	4/15/2013	1	n/a	ND	
UO-2	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	4/15/2013	1	n/a	ND	
UO-2	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	4/15/2013	1	n/a	ND	
UO-2	d	Tetrachloroethene	127-18-4	ug/L	4/15/2013	1	n/a	ND	
UO-2	d	Toluene	108-88-3	ug/L	4/15/2013	1	n/a	ND	
UO-2	d	1,1,1-Trichloroethane	71-55-6	ug/L	4/15/2013	1	n/a	ND	
UO-2	d	1,1,2-Trichloroethane	79-00-5	ug/L	4/15/2013	1	n/a	ND	
UO-2	d	Trichloroethene	79-01-6	ug/L	4/15/2013	1	n/a	ND	
UO-2	d	Trichlorofluoromethane	75-69-4	ug/L	4/15/2013	4	n/a	ND	
UO-2	d	1,2,3-Trichloropropane	96-18-4	ug/L	4/15/2013	1	n/a	ND	
UO-2	d	Vinyl acetate	108-05-4	ug/L	4/15/2013	2	n/a	ND	
UO-2	d	Vinyl chloride	75-01-4	ug/L	4/15/2013	1	n/a	ND	
UO-2	d	Xylenes, total	1330-20-7	ug/L	4/15/2013	3	n/a	ND	
UO-2	d	O-Xylene	95-47-6	ug/L	4/15/2013	1	n/a	ND	
UO-2	d	M&P-Xylene	179601-23-1	ug/L	4/15/2013	2	n/a	ND	
GU-3	d	Antimony	7440-36-0	mg/L	4/16/2013	0.006	n/a	ND	

Table 9A
Analytical Data Summary - Phase II MSWLF
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Phase II MSWLF and CWTS
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
GU-3	d	Arsenic	7440-38-2	mg/L	4/16/2013	0.001	n/a	ND	
GU-3	d	Barium	7440-39-3	mg/L	4/16/2013	n/a	n/a	ND	0.166
GU-3	d	Beryllium	7440-41-7	mg/L	4/16/2013	0.001	n/a	ND	
GU-3	d	Cadmium	7440-43-9	mg/L	4/16/2013	0.0005	n/a	ND	
GU-3	d	Chromium	7440-47-3	mg/L	4/16/2013	0.02	n/a	ND	
GU-3	d	Cobalt	7440-48-4	mg/L	4/16/2013	n/a	n/a	ND	0.00184
GU-3	d	Copper	7440-50-8	mg/L	4/16/2013	0.02	n/a	ND	
GU-3	d	Lead	7439-92-1	mg/L	4/16/2013	0.004	n/a	ND	
GU-3	d	Nickel	7440-02-0	mg/L	4/16/2013	0.05	n/a	ND	
GU-3	d	Selenium	7782-49-2	mg/L	4/16/2013	0.005	n/a	ND	
GU-3	d	Silver	7440-22-4	mg/L	4/16/2013	0.02	n/a	ND	
GU-3	d	Thallium	7440-28-0	mg/L	4/16/2013	0.002	n/a	ND	
GU-3	d	Vanadium	7440-62-2	mg/L	4/16/2013	0.05	n/a	ND	
GU-3	d	Zinc	7440-66-6	mg/L	4/16/2013	n/a	n/a	ND	0.0523
GU-3	d	Acetone	67-64-1	ug/L	4/16/2013	10	n/a	ND	
GU-3	d	Acrylonitrile	107-13-1	ug/L	4/16/2013	10	n/a	ND	
GU-3	d	Benzene	71-43-2	ug/L	4/16/2013	0.5	n/a	ND	
GU-3	d	Bromochloromethane	74-97-5	ug/L	4/16/2013	5	n/a	ND	
GU-3	d	Bromodichloromethane	75-27-4	ug/L	4/16/2013	1	n/a	ND	
GU-3	d	Bromoform	75-25-2	ug/L	4/16/2013	5	n/a	ND	
GU-3	d	Carbon disulfide	75-15-0	ug/L	4/16/2013	1	n/a	ND	
GU-3	d	Carbon Tetrachloride	56-23-5	ug/L	4/16/2013	2	n/a	ND	
GU-3	d	Chlorobenzene	108-90-7	ug/L	4/16/2013	1	n/a	ND	
GU-3	d	Chloroethane	75-00-3	ug/L	4/16/2013	4	n/a	ND	
GU-3	d	Chloroform	67-66-3	ug/L	4/16/2013	1	n/a	ND	
GU-3	d	Chlorodibromomethane	124-48-1	ug/L	4/16/2013	5	n/a	ND	
GU-3	d	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	4/16/2013	0.12	n/a	ND	
GU-3	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	4/16/2013	0.13	n/a	ND	
GU-3	d	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	4/16/2013	10	n/a	ND	
GU-3	d	1,1-Dichloroethane	75-34-3	ug/L	4/16/2013	1	n/a	ND	
GU-3	d	1,2-Dichloroethane	107-06-2	ug/L	4/16/2013	1	n/a	ND	
GU-3	d	1,1-Dichloroethene	75-35-4	ug/L	4/16/2013	2	n/a	ND	
GU-3	d	cis-1,2-Dichloroethene	156-59-2	ug/L	4/16/2013	1	n/a	ND	
GU-3	d	trans-1,2-Dichloroethene	156-60-5	ug/L	4/16/2013	1	n/a	ND	
GU-3	d	1,2-Dichloropropane	78-87-5	ug/L	4/16/2013	1	n/a	ND	
GU-3	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	4/16/2013	5	n/a	ND	
GU-3	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	4/16/2013	5	n/a	ND	
GU-3	d	1,2-Dichlorobenzene	95-50-1	ug/L	4/16/2013	1	n/a	ND	
GU-3	d	1,4-Dichlorobenzene	106-46-7	ug/L	4/16/2013	1	n/a	ND	
GU-3	d	Ethylbenzene	100-41-4	ug/L	4/16/2013	1	n/a	ND	
GU-3	d	2-Hexanone	591-78-6	ug/L	4/16/2013	10	n/a	ND	
GU-3	d	Bromomethane	74-83-9	ug/L	4/16/2013	4	n/a	ND	
GU-3	d	Chloromethane	74-87-3	ug/L	4/16/2013	3	n/a	ND	
GU-3	d	2-Butanone	78-93-3	ug/L	4/16/2013	10	n/a	ND	
GU-3	d	Iodomethane	74-88-4	ug/L	4/16/2013	10	n/a	ND	
GU-3	d	4-Methyl-2-pentanone	108-10-1	ug/L	4/16/2013	10	n/a	ND	
GU-3	d	Methylene Bromide	74-95-3	ug/L	4/16/2013	1	n/a	ND	
GU-3	d	Methylene Chloride	75-09-2	ug/L	4/16/2013	5	n/a	ND	
GU-3	d	Styrene	100-42-5	ug/L	4/16/2013	1	n/a	ND	
GU-3	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	4/16/2013	1	n/a	ND	
GU-3	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	4/16/2013	1	n/a	ND	
GU-3	d	Tetrachloroethene	127-18-4	ug/L	4/16/2013	1	n/a	ND	
GU-3	d	Toluene	108-88-3	ug/L	4/16/2013	1	n/a	ND	
GU-3	d	1,1,1-Trichloroethane	71-55-6	ug/L	4/16/2013	1	n/a	ND	
GU-3	d	1,1,2-Trichloroethane	79-00-5	ug/L	4/16/2013	1	n/a	ND	
GU-3	d	Trichloroethene	79-01-6	ug/L	4/16/2013	1	n/a	ND	
GU-3	d	Trichlorofluoromethane	75-69-4	ug/L	4/16/2013	4	n/a	ND	
GU-3	d	1,2,3-Trichloropropane	96-18-4	ug/L	4/16/2013	1	n/a	ND	
GU-3	d	Vinyl acetate	108-05-4	ug/L	4/16/2013	2	n/a	ND	
GU-3	d	Vinyl chloride	75-01-4	ug/L	4/16/2013	1	n/a	ND	
GU-3	d	Xylenes, total	1330-20-7	ug/L	4/16/2013	3	n/a	ND	
GU-3	d	O-Xylene	95-47-6	ug/L	4/16/2013	1	n/a	ND	
GU-3	d	m&p-Xylene	179601-23-1	ug/L	4/16/2013	2	n/a	ND	
GU-3BG	u	Antimony	7440-36-0	mg/L	4/16/2013	0.006	n/a	ND	
GU-3BG	u	Arsenic	7440-38-2	mg/L	4/16/2013	0.001	n/a	ND	
GU-3BG	u	Barium	7440-39-3	mg/L	4/16/2013	n/a	n/a	ND	0.166
GU-3BG	u	Beryllium	7440-41-7	mg/L	4/16/2013	0.001	n/a	ND	
GU-3BG	u	Cadmium	7440-43-9	mg/L	4/16/2013	0.0005	n/a	ND	
GU-3BG	u	Chromium	7440-47-3	mg/L	4/16/2013	0.02	n/a	ND	
GU-3BG	u	Cobalt	7440-48-4	mg/L	4/16/2013	n/a	n/a	ND	0.00184
GU-3BG	u	Copper	7440-50-8	mg/L	4/16/2013	0.02	n/a	ND	
GU-3BG	u	Lead	7439-92-1	mg/L	4/16/2013	0.004	n/a	ND	
GU-3BG	u	Nickel	7440-02-0	mg/L	4/16/2013	0.05	n/a	ND	
GU-3BG	u	Selenium	7782-49-2	mg/L	4/16/2013	0.005	n/a	ND	
GU-3BG	u	Silver	7440-22-4	mg/L	4/16/2013	0.02	n/a	ND	

Table 9A
Analytical Data Summary - Phase II MSWLF
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Phase II MSWLF and CWTS
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
GU-3BG	u	Thallium	7440-28-0	mg/L	4/16/2013	0.002	n/a	ND	
GU-3BG	u	Vanadium	7440-62-2	mg/L	4/16/2013	0.05	n/a	ND	
GU-3BG	u	Zinc	7440-66-6	mg/L	4/16/2013	n/a	n/a		0.0523
GU-3BG	u	Acetone	67-64-1	ug/L	4/16/2013	10	n/a	ND	
GU-3BG	u	Acrylonitrile	107-13-1	ug/L	4/16/2013	10	n/a	ND	
GU-3BG	u	Benzene	71-43-2	ug/L	4/16/2013	0.5	n/a	ND	
GU-3BG	u	Bromochloromethane	74-97-5	ug/L	4/16/2013	5	n/a	ND	
GU-3BG	u	Bromodichloromethane	75-27-4	ug/L	4/16/2013	1	n/a	ND	
GU-3BG	u	Bromoform	75-25-2	ug/L	4/16/2013	5	n/a	ND	
GU-3BG	u	Carbon disulfide	75-15-0	ug/L	4/16/2013	1	n/a	ND	
GU-3BG	u	Carbon Tetrachloride	56-23-5	ug/L	4/16/2013	2	n/a	ND	
GU-3BG	u	Chlorobenzene	108-90-7	ug/L	4/16/2013	1	n/a	ND	
GU-3BG	u	Chloroethane	75-00-3	ug/L	4/16/2013	4	n/a	ND	
GU-3BG	u	Chloroform	67-66-3	ug/L	4/16/2013	1	n/a	ND	
GU-3BG	u	Chlorodibromomethane	124-48-1	ug/L	4/16/2013	5	n/a	ND	
GU-3BG	u	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	4/16/2013	0.12	n/a	ND	
GU-3BG	u	1,2-Dibromoethane [EDB]	106-93-4	ug/L	4/16/2013	0.13	n/a	ND	
GU-3BG	u	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	4/16/2013	10	n/a	ND	
GU-3BG	u	1,1-Dichloroethane	75-34-3	ug/L	4/16/2013	1	n/a	ND	
GU-3BG	u	1,2-Dichloroethane	107-06-2	ug/L	4/16/2013	1	n/a	ND	
GU-3BG	u	1,1-Dichloroethene	75-35-4	ug/L	4/16/2013	2	n/a	ND	
GU-3BG	u	cis-1,2-Dichloroethene	156-59-2	ug/L	4/16/2013	1	n/a	ND	
GU-3BG	u	trans-1,2-Dichloroethene	156-60-5	ug/L	4/16/2013	1	n/a	ND	
GU-3BG	u	1,2-Dichloropropane	78-87-5	ug/L	4/16/2013	1	n/a	ND	
GU-3BG	u	cis-1,3-Dichloropropene	10061-01-5	ug/L	4/16/2013	5	n/a	ND	
GU-3BG	u	trans-1,3-Dichloropropene	10061-02-6	ug/L	4/16/2013	5	n/a	ND	
GU-3BG	u	1,2-Dichlorobenzene	95-50-1	ug/L	4/16/2013	1	n/a	ND	
GU-3BG	u	1,4-Dichlorobenzene	106-46-7	ug/L	4/16/2013	1	n/a	ND	
GU-3BG	u	Ethylbenzene	100-41-4	ug/L	4/16/2013	1	n/a	ND	
GU-3BG	u	2-Hexanone	591-78-6	ug/L	4/16/2013	10	n/a	ND	
GU-3BG	u	Bromomethane	74-83-9	ug/L	4/16/2013	4	n/a	ND	
GU-3BG	u	Chloromethane	74-87-3	ug/L	4/16/2013	3	n/a	ND	
GU-3BG	u	2-Butanone	78-93-3	ug/L	4/16/2013	10	n/a	ND	
GU-3BG	u	Iodomethane	74-88-4	ug/L	4/16/2013	10	n/a	ND	
GU-3BG	u	4-Methyl-2-pentanone	108-10-1	ug/L	4/16/2013	10	n/a	ND	
GU-3BG	u	Methylene Bromide	74-95-3	ug/L	4/16/2013	1	n/a	ND	
GU-3BG	u	Methylene Chloride	75-09-2	ug/L	4/16/2013	5	n/a	ND	
GU-3BG	u	Styrene	100-42-5	ug/L	4/16/2013	1	n/a	ND	
GU-3BG	u	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	4/16/2013	1	n/a	ND	
GU-3BG	u	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	4/16/2013	1	n/a	ND	
GU-3BG	u	Tetrachloroethene	127-18-4	ug/L	4/16/2013	1	n/a	ND	
GU-3BG	u	Toluene	108-88-3	ug/L	4/16/2013	1	n/a	ND	
GU-3BG	u	1,1,1-Trichloroethane	71-55-6	ug/L	4/16/2013	1	n/a	ND	
GU-3BG	u	1,1,2-Trichloroethane	79-00-5	ug/L	4/16/2013	1	n/a	ND	
GU-3BG	u	Trichloroethene	79-01-6	ug/L	4/16/2013	1	n/a	ND	
GU-3BG	u	Trichlorofluoromethane	75-69-4	ug/L	4/16/2013	4	n/a	ND	
GU-3BG	u	1,2,3-Trichloropropane	96-18-4	ug/L	4/16/2013	1	n/a	ND	
GU-3BG	u	Vinyl acetate	108-05-4	ug/L	4/16/2013	2	n/a	ND	
GU-3BG	u	Vinyl chloride	75-01-4	ug/L	4/16/2013	1	n/a	ND	
GU-3BG	u	Xylenes, total	1330-20-7	ug/L	4/16/2013	3	n/a	ND	
GU-3BG	u	O-Xylene	95-47-6	ug/L	4/16/2013	1	n/a	ND	
GU-3BG	u	M&P-Xylene	179601-23-1	ug/L	4/16/2013	2	n/a	ND	
GU-4	d	Antimony	7440-36-0	mg/L	4/16/2013	0.006	n/a	ND	
GU-4	d	Arsenic	7440-38-2	mg/L	4/16/2013	0.001	n/a	ND	
GU-4	d	Barium	7440-39-3	mg/L	4/16/2013	n/a	n/a		0.0906
GU-4	d	Beryllium	7440-41-7	mg/L	4/16/2013	0.001	n/a	ND	
GU-4	d	Cadmium	7440-43-9	mg/L	4/16/2013	0.0005	n/a	ND	
GU-4	d	Chromium	7440-47-3	mg/L	4/16/2013	0.02	n/a	ND	
GU-4	d	Cobalt	7440-48-4	mg/L	4/16/2013	n/a	n/a		0.00499
GU-4	d	Copper	7440-50-8	mg/L	4/16/2013	0.02	n/a	ND	
GU-4	d	Lead	7439-92-1	mg/L	4/16/2013	0.004	n/a	ND	
GU-4	d	Nickel	7440-02-0	mg/L	4/16/2013	0.05	n/a	ND	
GU-4	d	Selenium	7782-49-2	mg/L	4/16/2013	0.005	n/a	ND	
GU-4	d	Silver	7440-22-4	mg/L	4/16/2013	0.02	n/a	ND	
GU-4	d	Thallium	7440-28-0	mg/L	4/16/2013	0.002	n/a	ND	
GU-4	d	Vanadium	7440-62-2	mg/L	4/16/2013	0.05	n/a	ND	
GU-4	d	Zinc	7440-66-6	mg/L	4/16/2013	n/a	n/a		0.097
GU-4	d	Acetone	67-64-1	ug/L	4/16/2013	10	n/a	ND	
GU-4	d	Acrylonitrile	107-13-1	ug/L	4/16/2013	10	n/a	ND	
GU-4	d	Benzene	71-43-2	ug/L	4/16/2013	0.5	n/a	ND	
GU-4	d	Bromochloromethane	74-97-5	ug/L	4/16/2013	5	n/a	ND	
GU-4	d	Bromodichloromethane	75-27-4	ug/L	4/16/2013	1	n/a	ND	
GU-4	d	Bromoform	75-25-2	ug/L	4/16/2013	5	n/a	ND	
GU-4	d	Carbon disulfide	75-15-0	ug/L	4/16/2013	1	n/a	ND	
GU-4	d	Carbon Tetrachloride	56-23-5	ug/L	4/16/2013	2	n/a	ND	

Table 9A
Analytical Data Summary - Phase II MSWLF
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Phase II MSWLF and CWTS
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
GU-4	d	Chlorobenzene	108-90-7	ug/L	4/16/2013	1	n/a	ND	
GU-4	d	Chloroethane	75-00-3	ug/L	4/16/2013	4	n/a	ND	
GU-4	d	Chloroform	67-66-3	ug/L	4/16/2013	1	n/a	ND	
GU-4	d	Chlorodibromomethane	124-48-1	ug/L	4/16/2013	5	n/a	ND	
GU-4	d	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	4/16/2013	0.12	n/a	ND	
GU-4	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	4/16/2013	0.13	n/a	ND	
GU-4	d	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	4/16/2013	10	n/a	ND	
GU-4	d	1,1-Dichloroethane	75-34-3	ug/L	4/16/2013	1	n/a	ND	
GU-4	d	1,2-Dichloroethane	107-06-2	ug/L	4/16/2013	1	n/a	ND	
GU-4	d	1,1-Dichloroethene	75-35-4	ug/L	4/16/2013	2	n/a	ND	
GU-4	d	cis-1,2-Dichloroethene	156-59-2	ug/L	4/16/2013	1	n/a	ND	
GU-4	d	trans-1,2-Dichloroethene	156-60-5	ug/L	4/16/2013	1	n/a	ND	
GU-4	d	1,2-Dichloropropane	78-87-5	ug/L	4/16/2013	1	n/a	ND	
GU-4	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	4/16/2013	5	n/a	ND	
GU-4	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	4/16/2013	5	n/a	ND	
GU-4	d	1,2-Dichlorobenzene	95-50-1	ug/L	4/16/2013	1	n/a	ND	
GU-4	d	1,4-Dichlorobenzene	106-46-7	ug/L	4/16/2013	1	n/a	ND	
GU-4	d	Ethylbenzene	100-41-4	ug/L	4/16/2013	1	n/a	ND	
GU-4	d	2-Hexanone	591-78-6	ug/L	4/16/2013	10	n/a	ND	
GU-4	d	Bromomethane	74-83-9	ug/L	4/16/2013	4	n/a	ND	
GU-4	d	Chloromethane	74-87-3	ug/L	4/16/2013	3	n/a	ND	
GU-4	d	2-Butanone	78-93-3	ug/L	4/16/2013	10	n/a	ND	
GU-4	d	Iodomethane	74-88-4	ug/L	4/16/2013	10	n/a	ND	
GU-4	d	4-Methyl-2-pentanone	108-10-1	ug/L	4/16/2013	10	n/a	ND	
GU-4	d	Methylene Bromide	74-95-3	ug/L	4/16/2013	1	n/a	ND	
GU-4	d	Methylene Chloride	75-09-2	ug/L	4/16/2013	5	n/a	ND	
GU-4	d	Styrene	100-42-5	ug/L	4/16/2013	1	n/a	ND	
GU-4	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	4/16/2013	1	n/a	ND	
GU-4	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	4/16/2013	1	n/a	ND	
GU-4	d	Tetrachloroethene	127-18-4	ug/L	4/16/2013	1	n/a	ND	
GU-4	d	Toluene	108-88-3	ug/L	4/16/2013	1	n/a	ND	
GU-4	d	1,1,1-Trichloroethane	71-55-6	ug/L	4/16/2013	1	n/a	ND	
GU-4	d	1,1,2-Trichloroethane	79-00-5	ug/L	4/16/2013	1	n/a	ND	
GU-4	d	Trichloroethene	79-01-6	ug/L	4/16/2013	1	n/a	ND	
GU-4	d	Trichlorofluoromethane	75-69-4	ug/L	4/16/2013	4	n/a	ND	
GU-4	d	1,2,3-Trichloropropane	96-18-4	ug/L	4/16/2013	1	n/a	ND	
GU-4	d	Vinyl acetate	108-05-4	ug/L	4/16/2013	2	n/a	ND	
GU-4	d	Vinyl chloride	75-01-4	ug/L	4/16/2013	1	n/a	ND	
GU-4	d	Xylenes, total	1330-20-7	ug/L	4/16/2013	3	n/a	ND	
GU-4	d	O-Xylene	95-47-6	ug/L	4/16/2013	1	n/a	ND	
GU-4	d	m&P-Xylene	179601-23-1	ug/L	4/16/2013	2	n/a	ND	
GU-4BG	u	Antimony	7440-36-0	mg/L	4/16/2013	0.006	n/a	ND	
GU-4BG	u	Arsenic	7440-38-2	mg/L	4/16/2013	0.001	n/a	ND	
GU-4BG	u	Barium	7440-39-3	mg/L	4/16/2013	n/a	n/a		0.0906
GU-4BG	u	Beryllium	7440-41-7	mg/L	4/16/2013	0.001	n/a	ND	
GU-4BG	u	Cadmium	7440-43-9	mg/L	4/16/2013	0.0005	n/a	ND	
GU-4BG	u	Chromium	7440-47-3	mg/L	4/16/2013	0.02	n/a	ND	
GU-4BG	u	Cobalt	7440-48-4	mg/L	4/16/2013	n/a	n/a		0.00499
GU-4BG	u	Copper	7440-50-8	mg/L	4/16/2013	0.02	n/a	ND	
GU-4BG	u	Lead	7439-92-1	mg/L	4/16/2013	0.004	n/a	ND	
GU-4BG	u	Nickel	7440-02-0	mg/L	4/16/2013	0.05	n/a	ND	
GU-4BG	u	Selenium	7782-49-2	mg/L	4/16/2013	0.005	n/a	ND	
GU-4BG	u	Silver	7440-22-4	mg/L	4/16/2013	0.02	n/a	ND	
GU-4BG	u	Thallium	7440-28-0	mg/L	4/16/2013	0.002	n/a	ND	
GU-4BG	u	Vanadium	7440-62-2	mg/L	4/16/2013	0.05	n/a	ND	
GU-4BG	u	Zinc	7440-66-6	mg/L	4/16/2013	n/a	n/a		0.097
GU-4BG	u	Acetone	67-64-1	ug/L	4/16/2013	10	n/a	ND	
GU-4BG	u	Acrylonitrile	107-13-1	ug/L	4/16/2013	10	n/a	ND	
GU-4BG	u	Benzene	71-43-2	ug/L	4/16/2013	0.5	n/a	ND	
GU-4BG	u	Bromochloromethane	74-97-5	ug/L	4/16/2013	5	n/a	ND	
GU-4BG	u	Bromodichloromethane	75-27-4	ug/L	4/16/2013	1	n/a	ND	
GU-4BG	u	Bromoform	75-25-2	ug/L	4/16/2013	5	n/a	ND	
GU-4BG	u	Carbon disulfide	75-15-0	ug/L	4/16/2013	1	n/a	ND	
GU-4BG	u	Carbon Tetrachloride	56-23-5	ug/L	4/16/2013	2	n/a	ND	
GU-4BG	u	Chlorobenzene	108-90-7	ug/L	4/16/2013	1	n/a	ND	
GU-4BG	u	Chloroethane	75-00-3	ug/L	4/16/2013	4	n/a	ND	
GU-4BG	u	Chloroform	67-66-3	ug/L	4/16/2013	1	n/a	ND	
GU-4BG	u	Chlorodibromomethane	124-48-1	ug/L	4/16/2013	5	n/a	ND	
GU-4BG	u	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	4/16/2013	0.12	n/a	ND	
GU-4BG	u	1,2-Dibromoethane [EDB]	106-93-4	ug/L	4/16/2013	0.13	n/a	ND	
GU-4BG	u	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	4/16/2013	10	n/a	ND	
GU-4BG	u	1,1-Dichloroethane	75-34-3	ug/L	4/16/2013	1	n/a	ND	
GU-4BG	u	1,2-Dichloroethane	107-06-2	ug/L	4/16/2013	1	n/a	ND	
GU-4BG	u	1,1-Dichloroethene	75-35-4	ug/L	4/16/2013	2	n/a	ND	
GU-4BG	u	cis-1,2-Dichloroethene	156-59-2	ug/L	4/16/2013	1	n/a	ND	

Table 9A
Analytical Data Summary - Phase II MSWLF
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Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
GU-4BG	u	trans-1,2-Dichloroethene	156-60-5	ug/L	4/16/2013	1	n/a	ND	
GU-4BG	u	1,2-Dichloropropane	78-87-5	ug/L	4/16/2013	1	n/a	ND	
GU-4BG	u	cis-1,3-Dichloropropene	10061-01-5	ug/L	4/16/2013	5	n/a	ND	
GU-4BG	u	trans-1,3-Dichloropropene	10061-02-6	ug/L	4/16/2013	5	n/a	ND	
GU-4BG	u	1,2-Dichlorobenzene	95-50-1	ug/L	4/16/2013	1	n/a	ND	
GU-4BG	u	1,4-Dichlorobenzene	106-46-7	ug/L	4/16/2013	1	n/a	ND	
GU-4BG	u	Ethylbenzene	100-41-4	ug/L	4/16/2013	1	n/a	ND	
GU-4BG	u	2-Hexanone	591-78-6	ug/L	4/16/2013	10	n/a	ND	
GU-4BG	u	Bromomethane	74-83-9	ug/L	4/16/2013	4	n/a	ND	
GU-4BG	u	Chloromethane	74-87-3	ug/L	4/16/2013	3	n/a	ND	
GU-4BG	u	2-Butanone	78-93-3	ug/L	4/16/2013	10	n/a	ND	
GU-4BG	u	Iodomethane	74-88-4	ug/L	4/16/2013	10	n/a	ND	
GU-4BG	u	4-Methyl-2-pentanone	108-10-1	ug/L	4/16/2013	10	n/a	ND	
GU-4BG	u	Methylene Bromide	74-95-3	ug/L	4/16/2013	1	n/a	ND	
GU-4BG	u	Methylene Chloride	75-09-2	ug/L	4/16/2013	5	n/a	ND	
GU-4BG	u	Styrene	100-42-5	ug/L	4/16/2013	1	n/a	ND	
GU-4BG	u	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	4/16/2013	1	n/a	ND	
GU-4BG	u	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	4/16/2013	1	n/a	ND	
GU-4BG	u	Tetrachloroethene	127-18-4	ug/L	4/16/2013	1	n/a	ND	
GU-4BG	u	Toluene	108-88-3	ug/L	4/16/2013	1	n/a	ND	
GU-4BG	u	1,1,1-Trichloroethane	71-55-6	ug/L	4/16/2013	1	n/a	ND	
GU-4BG	u	1,1,2-Trichloroethane	79-00-5	ug/L	4/16/2013	1	n/a	ND	
GU-4BG	u	Trichloroethene	79-01-6	ug/L	4/16/2013	1	n/a	ND	
GU-4BG	u	Trichlorofluoromethane	75-69-4	ug/L	4/16/2013	4	n/a	ND	
GU-4BG	u	1,2,3-Trichloropropane	96-18-4	ug/L	4/16/2013	1	n/a	ND	
GU-4BG	u	Vinyl acetate	108-05-4	ug/L	4/16/2013	2	n/a	ND	
GU-4BG	u	Vinyl chloride	75-01-4	ug/L	4/16/2013	1	n/a	ND	
GU-4BG	u	Xylenes, total	1330-20-7	ug/L	4/16/2013	3	n/a	ND	
GU-4BG	u	O-Xylene	95-47-6	ug/L	4/16/2013	1	n/a	ND	
GU-4BG	u	M&P-Xylene	179601-23-1	ug/L	4/16/2013	2	n/a	ND	
GU-5	d	Antimony	7440-36-0	mg/L	4/16/2013	0.006	n/a	ND	
GU-5	d	Arsenic	7440-38-2	mg/L	4/16/2013	0.001	n/a	ND	
GU-5	d	Barium	7440-39-3	mg/L	4/16/2013	n/a	n/a		0.125
GU-5	d	Beryllium	7440-41-7	mg/L	4/16/2013	0.001	n/a	ND	
GU-5	d	Cadmium	7440-43-9	mg/L	4/16/2013	0.0005	n/a	ND	
GU-5	d	Chromium	7440-47-3	mg/L	4/16/2013	0.02	n/a	ND	
GU-5	d	Cobalt	7440-48-4	mg/L	4/16/2013	n/a	n/a		0.00559
GU-5	d	Copper	7440-50-8	mg/L	4/16/2013	0.02	n/a	ND	
GU-5	d	Lead	7439-92-1	mg/L	4/16/2013	0.004	n/a	ND	
GU-5	d	Nickel	7440-02-0	mg/L	4/16/2013	0.05	n/a	ND	
GU-5	d	Selenium	7782-49-2	mg/L	4/16/2013	0.005	n/a	ND	
GU-5	d	Silver	7440-22-4	mg/L	4/16/2013	0.02	n/a	ND	
GU-5	d	Thallium	7440-28-0	mg/L	4/16/2013	0.002	n/a	ND	
GU-5	d	Vanadium	7440-62-2	mg/L	4/16/2013	0.05	n/a	ND	
GU-5	d	Zinc	7440-66-6	mg/L	4/16/2013	n/a	n/a		0.105
GU-5	d	Acetone	67-64-1	ug/L	4/16/2013	10	n/a	ND	
GU-5	d	Acrylonitrile	107-13-1	ug/L	4/16/2013	10	n/a	ND	
GU-5	d	Benzene	71-43-2	ug/L	4/16/2013	0.5	n/a	ND	
GU-5	d	Bromochloromethane	74-97-5	ug/L	4/16/2013	5	n/a	ND	
GU-5	d	Bromodichloromethane	75-27-4	ug/L	4/16/2013	1	n/a	ND	
GU-5	d	Bromoform	75-25-2	ug/L	4/16/2013	5	n/a	ND	
GU-5	d	Carbon disulfide	75-15-0	ug/L	4/16/2013	1	n/a	ND	
GU-5	d	Carbon Tetrachloride	56-23-5	ug/L	4/16/2013	2	n/a	ND	
GU-5	d	Chlorobenzene	108-90-7	ug/L	4/16/2013	1	n/a	ND	
GU-5	d	Chloroethane	75-00-3	ug/L	4/16/2013	4	n/a	ND	
GU-5	d	Chloroform	67-66-3	ug/L	4/16/2013	1	n/a	ND	
GU-5	d	Chlorodibromomethane	124-48-1	ug/L	4/16/2013	5	n/a	ND	
GU-5	d	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	4/16/2013	0.12	n/a	ND	
GU-5	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	4/16/2013	0.13	n/a	ND	
GU-5	d	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	4/16/2013	10	n/a	ND	
GU-5	d	1,1-Dichloroethane	75-34-3	ug/L	4/16/2013	1	n/a	ND	
GU-5	d	1,2-Dichloroethane	107-06-2	ug/L	4/16/2013	1	n/a	ND	
GU-5	d	1,1-Dichloroethene	75-35-4	ug/L	4/16/2013	2	n/a	ND	
GU-5	d	cis-1,2-Dichloroethene	156-59-2	ug/L	4/16/2013	1	n/a	ND	
GU-5	d	trans-1,2-Dichloroethene	156-60-5	ug/L	4/16/2013	1	n/a	ND	
GU-5	d	1,2-Dichloropropane	78-87-5	ug/L	4/16/2013	1	n/a	ND	
GU-5	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	4/16/2013	5	n/a	ND	
GU-5	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	4/16/2013	5	n/a	ND	
GU-5	d	1,2-Dichlorobenzene	95-50-1	ug/L	4/16/2013	1	n/a	ND	
GU-5	d	1,4-Dichlorobenzene	106-46-7	ug/L	4/16/2013	1	n/a	ND	
GU-5	d	Ethylbenzene	100-41-4	ug/L	4/16/2013	1	n/a	ND	
GU-5	d	2-Hexanone	591-78-6	ug/L	4/16/2013	10	n/a	ND	
GU-5	d	Bromomethane	74-83-9	ug/L	4/16/2013	4	n/a	ND	
GU-5	d	Chloromethane	74-87-3	ug/L	4/16/2013	3	n/a	ND	
GU-5	d	2-Butanone	78-93-3	ug/L	4/16/2013	10	n/a	ND	

Table 9A
Analytical Data Summary - Phase II MSWLF
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Phase II MSWLF and CWTS
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
GU-5	d	Iodomethane	74-88-4	ug/L	4/16/2013	10	n/a	ND	
GU-5	d	4-Methyl-2-pentanone	108-10-1	ug/L	4/16/2013	10	n/a	ND	
GU-5	d	Methylene Bromide	74-95-3	ug/L	4/16/2013	1	n/a	ND	
GU-5	d	Methylene Chloride	75-09-2	ug/L	4/16/2013	5	n/a	ND	
GU-5	d	Styrene	100-42-5	ug/L	4/16/2013	1	n/a	ND	
GU-5	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	4/16/2013	1	n/a	ND	
GU-5	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	4/16/2013	1	n/a	ND	
GU-5	d	Tetrachloroethene	127-18-4	ug/L	4/16/2013	1	n/a	ND	
GU-5	d	Toluene	108-88-3	ug/L	4/16/2013	1	n/a	ND	
GU-5	d	1,1,1-Trichloroethane	71-55-6	ug/L	4/16/2013	1	n/a	ND	
GU-5	d	1,1,2-Trichloroethane	79-00-5	ug/L	4/16/2013	1	n/a	ND	
GU-5	d	Trichloroethene	79-01-6	ug/L	4/16/2013	1	n/a	ND	
GU-5	d	Trichlorofluoromethane	75-69-4	ug/L	4/16/2013	4	n/a	ND	
GU-5	d	1,2,3-Trichloropropane	96-18-4	ug/L	4/16/2013	1	n/a	ND	
GU-5	d	Vinyl acetate	108-05-4	ug/L	4/16/2013	2	n/a	ND	
GU-5	d	Vinyl chloride	75-01-4	ug/L	4/16/2013	1	n/a	ND	
GU-5	d	Xylenes, total	1330-20-7	ug/L	4/16/2013	3	n/a	ND	
GU-5	d	O-Xylene	95-47-6	ug/L	4/16/2013	1	n/a	ND	
GU-5	d	M&P-Xylene	179601-23-1	ug/L	4/16/2013	2	n/a	ND	
GU-5BG	u	Antimony	7440-36-0	mg/L	4/16/2013	0.006	n/a	ND	
GU-5BG	u	Arsenic	7440-38-2	mg/L	4/16/2013	0.001	n/a	ND	
GU-5BG	u	Barium	7440-39-3	mg/L	4/16/2013	n/a	n/a		0.125
GU-5BG	u	Beryllium	7440-41-7	mg/L	4/16/2013	0.001	n/a	ND	
GU-5BG	u	Cadmium	7440-43-9	mg/L	4/16/2013	0.0005	n/a	ND	
GU-5BG	u	Chromium	7440-47-3	mg/L	4/16/2013	0.02	n/a	ND	
GU-5BG	u	Cobalt	7440-48-4	mg/L	4/16/2013	n/a	n/a		0.00559
GU-5BG	u	Copper	7440-50-8	mg/L	4/16/2013	0.02	n/a	ND	
GU-5BG	u	Lead	7439-92-1	mg/L	4/16/2013	0.004	n/a	ND	
GU-5BG	u	Nickel	7440-02-0	mg/L	4/16/2013	0.05	n/a	ND	
GU-5BG	u	Selenium	7782-49-2	mg/L	4/16/2013	0.005	n/a	ND	
GU-5BG	u	Silver	7440-22-4	mg/L	4/16/2013	0.02	n/a	ND	
GU-5BG	u	Thallium	7440-28-0	mg/L	4/16/2013	0.002	n/a	ND	
GU-5BG	u	Vanadium	7440-62-2	mg/L	4/16/2013	0.05	n/a	ND	
GU-5BG	u	Zinc	7440-66-6	mg/L	4/16/2013	n/a	n/a		0.105
GU-5BG	u	Acetone	67-64-1	ug/L	4/16/2013	10	n/a	ND	
GU-5BG	u	Acrylonitrile	107-13-1	ug/L	4/16/2013	10	n/a	ND	
GU-5BG	u	Benzene	71-43-2	ug/L	4/16/2013	0.5	n/a	ND	
GU-5BG	u	Bromochloromethane	74-97-5	ug/L	4/16/2013	5	n/a	ND	
GU-5BG	u	Bromodichloromethane	75-27-4	ug/L	4/16/2013	1	n/a	ND	
GU-5BG	u	Bromoform	75-25-2	ug/L	4/16/2013	5	n/a	ND	
GU-5BG	u	Carbon disulfide	75-15-0	ug/L	4/16/2013	1	n/a	ND	
GU-5BG	u	Carbon Tetrachloride	56-23-5	ug/L	4/16/2013	2	n/a	ND	
GU-5BG	u	Chlorobenzene	108-90-7	ug/L	4/16/2013	1	n/a	ND	
GU-5BG	u	Chloroethane	75-00-3	ug/L	4/16/2013	4	n/a	ND	
GU-5BG	u	Chloroform	67-66-3	ug/L	4/16/2013	1	n/a	ND	
GU-5BG	u	Chlorodibromomethane	124-48-1	ug/L	4/16/2013	5	n/a	ND	
GU-5BG	u	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	4/16/2013	0.12	n/a	ND	
GU-5BG	u	1,2-Dibromoethane [EDB]	106-93-4	ug/L	4/16/2013	0.13	n/a	ND	
GU-5BG	u	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	4/16/2013	10	n/a	ND	
GU-5BG	u	1,1-Dichloroethane	75-34-3	ug/L	4/16/2013	1	n/a	ND	
GU-5BG	u	1,2-Dichloroethane	107-06-2	ug/L	4/16/2013	1	n/a	ND	
GU-5BG	u	1,1-Dichloroethene	75-35-4	ug/L	4/16/2013	2	n/a	ND	
GU-5BG	u	cis-1,2-Dichloroethene	156-59-2	ug/L	4/16/2013	1	n/a	ND	
GU-5BG	u	trans-1,2-Dichloroethene	156-60-5	ug/L	4/16/2013	1	n/a	ND	
GU-5BG	u	1,2-Dichloropropane	78-87-5	ug/L	4/16/2013	1	n/a	ND	
GU-5BG	u	cis-1,3-Dichloropropene	10061-01-5	ug/L	4/16/2013	5	n/a	ND	
GU-5BG	u	trans-1,3-Dichloropropene	10061-02-6	ug/L	4/16/2013	5	n/a	ND	
GU-5BG	u	1,2-Dichlorobenzene	95-50-1	ug/L	4/16/2013	1	n/a	ND	
GU-5BG	u	1,4-Dichlorobenzene	106-46-7	ug/L	4/16/2013	1	n/a	ND	
GU-5BG	u	Ethylbenzene	100-41-4	ug/L	4/16/2013	1	n/a	ND	
GU-5BG	u	2-Hexanone	591-78-6	ug/L	4/16/2013	10	n/a	ND	
GU-5BG	u	Bromomethane	74-83-9	ug/L	4/16/2013	4	n/a	ND	
GU-5BG	u	Chloromethane	74-87-3	ug/L	4/16/2013	3	n/a	ND	
GU-5BG	u	2-Butanone	78-93-3	ug/L	4/16/2013	10	n/a	ND	
GU-5BG	u	Iodomethane	74-88-4	ug/L	4/16/2013	10	n/a	ND	
GU-5BG	u	4-Methyl-2-pentanone	108-10-1	ug/L	4/16/2013	10	n/a	ND	
GU-5BG	u	Methylene Bromide	74-95-3	ug/L	4/16/2013	1	n/a	ND	
GU-5BG	u	Methylene Chloride	75-09-2	ug/L	4/16/2013	5	n/a	ND	
GU-5BG	u	Styrene	100-42-5	ug/L	4/16/2013	1	n/a	ND	
GU-5BG	u	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	4/16/2013	1	n/a	ND	
GU-5BG	u	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	4/16/2013	1	n/a	ND	
GU-5BG	u	Tetrachloroethene	127-18-4	ug/L	4/16/2013	1	n/a	ND	
GU-5BG	u	Toluene	108-88-3	ug/L	4/16/2013	1	n/a	ND	
GU-5BG	u	1,1,1-Trichloroethane	71-55-6	ug/L	4/16/2013	1	n/a	ND	
GU-5BG	u	1,1,2-Trichloroethane	79-00-5	ug/L	4/16/2013	1	n/a	ND	

Table 9A
Analytical Data Summary - Phase II MSWLF
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Phase II MSWLF and CWTS
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Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
GU-5BG	u	Trichloroethene	79-01-6	ug/L	4/16/2013	1	n/a	ND	
GU-5BG	u	Trichlorofluoromethane	75-69-4	ug/L	4/16/2013	4	n/a	ND	
GU-5BG	u	1,2,3-Trichloropropane	96-18-4	ug/L	4/16/2013	1	n/a	ND	
GU-5BG	u	Vinyl acetate	108-05-4	ug/L	4/16/2013	2	n/a	ND	
GU-5BG	u	Vinyl chloride	75-01-4	ug/L	4/16/2013	1	n/a	ND	
GU-5BG	u	Xylenes, total	1330-20-7	ug/L	4/16/2013	3	n/a	ND	
GU-5BG	u	O-Xylene	95-47-6	ug/L	4/16/2013	1	n/a	ND	
GU-5BG	u	M&P-Xylene	179601-23-1	ug/L	4/16/2013	2	n/a	ND	
MW-26	u	Antimony	7440-36-0	mg/L	4/16/2013	0.006	n/a	ND	
MW-26	u	Arsenic	7440-38-2	mg/L	4/16/2013	0.001	n/a	ND	
MW-26	u	Barium	7440-39-3	mg/L	4/16/2013	n/a	n/a		0.0676
MW-26	u	Beryllium	7440-41-7	mg/L	4/16/2013	0.001	n/a	ND	
MW-26	u	Cadmium	7440-43-9	mg/L	4/16/2013	0.0005	n/a	ND	
MW-26	u	Chromium	7440-47-3	mg/L	4/16/2013	n/a	n/a		0.0347
MW-26	u	Cobalt	7440-48-4	mg/L	4/16/2013	n/a	n/a		0.00144
MW-26	u	Copper	7440-50-8	mg/L	4/16/2013	0.02	n/a	ND	
MW-26	u	Lead	7439-92-1	mg/L	4/16/2013	0.004	n/a	ND	
MW-26	u	Nickel	7440-02-0	mg/L	4/16/2013	0.05	n/a	ND	
MW-26	u	Selenium	7782-49-2	mg/L	4/16/2013	n/a	n/a		0.0215
MW-26	u	Silver	7440-22-4	mg/L	4/16/2013	0.02	n/a	ND	
MW-26	u	Thallium	7440-28-0	mg/L	4/16/2013	0.002	n/a	ND	
MW-26	u	Vanadium	7440-62-2	mg/L	4/16/2013	0.05	n/a	ND	
MW-26	u	Zinc	7440-66-6	mg/L	4/16/2013	n/a	n/a		0.0563
MW-B	d	Antimony	7440-36-0	mg/L	4/16/2013	0.006	n/a	ND	
MW-B	d	Antimony	7440-36-0	mg/L	4/16/2013	0.006	n/a	ND	
MW-B	d	Arsenic	7440-38-2	mg/L	4/16/2013	0.001	n/a	ND	
MW-B	d	Arsenic	7440-38-2	mg/L	4/16/2013	0.001	n/a	ND	
MW-B	d	Barium	7440-39-3	mg/L	4/16/2013	n/a	n/a		0.0606
MW-B	d	Barium	7440-39-3	mg/L	4/16/2013	n/a	n/a		0.0596
MW-B	d	Beryllium	7440-41-7	mg/L	4/16/2013	0.001	n/a	ND	
MW-B	d	Beryllium	7440-41-7	mg/L	4/16/2013	0.001	n/a	ND	
MW-B	d	Cadmium	7440-43-9	mg/L	4/16/2013	0.0005	n/a	ND	
MW-B	d	Cadmium	7440-43-9	mg/L	4/16/2013	0.0005	n/a	ND	
MW-B	d	Chromium	7440-47-3	mg/L	4/16/2013	0.02	n/a	ND	
MW-B	d	Chromium	7440-47-3	mg/L	4/16/2013	0.02	n/a	ND	
MW-B	d	Cobalt	7440-48-4	mg/L	4/16/2013	n/a	n/a		0.00191
MW-B	d	Cobalt	7440-48-4	mg/L	4/16/2013	n/a	n/a		0.00174
MW-B	d	Copper	7440-50-8	mg/L	4/16/2013	0.02	n/a	ND	
MW-B	d	Copper	7440-50-8	mg/L	4/16/2013	n/a	n/a		0.0271
MW-B	d	Lead	7439-92-1	mg/L	4/16/2013	0.004	n/a	ND	
MW-B	d	Lead	7439-92-1	mg/L	4/16/2013	0.004	n/a	ND	
MW-B	d	Nickel	7440-02-0	mg/L	4/16/2013	0.05	n/a	ND	
MW-B	d	Nickel	7440-02-0	mg/L	4/16/2013	0.05	n/a	ND	
MW-B	d	Selenium	7782-49-2	mg/L	4/16/2013	0.005	n/a	ND	
MW-B	d	Selenium	7782-49-2	mg/L	4/16/2013	0.005	n/a	ND	
MW-B	d	Silver	7440-22-4	mg/L	4/16/2013	0.02	n/a	ND	
MW-B	d	Silver	7440-22-4	mg/L	4/16/2013	0.02	n/a	ND	
MW-B	d	Thallium	7440-28-0	mg/L	4/16/2013	0.002	n/a	ND	
MW-B	d	Thallium	7440-28-0	mg/L	4/16/2013	0.002	n/a	ND	
MW-B	d	Vanadium	7440-62-2	mg/L	4/16/2013	0.05	n/a	ND	
MW-B	d	Vanadium	7440-62-2	mg/L	4/16/2013	0.05	n/a	ND	
MW-B	d	Zinc	7440-66-6	mg/L	4/16/2013	n/a	n/a		0.109
MW-B	d	Zinc	7440-66-6	mg/L	4/16/2013	n/a	n/a		0.101
MW-B	d	Acetone	67-64-1	ug/L	4/16/2013	10	n/a	ND	
MW-B	d	Acetone	67-64-1	ug/L	4/16/2013	10	n/a	ND	
MW-B	d	Acrylonitrile	107-13-1	ug/L	4/16/2013	10	n/a	ND	
MW-B	d	Acrylonitrile	107-13-1	ug/L	4/16/2013	10	n/a	ND	
MW-B	d	Benzene	71-43-2	ug/L	4/16/2013	0.5	n/a	ND	
MW-B	d	Benzene	71-43-2	ug/L	4/16/2013	0.5	n/a	ND	
MW-B	d	Bromochloromethane	74-97-5	ug/L	4/16/2013	5	n/a	ND	
MW-B	d	Bromochloromethane	74-97-5	ug/L	4/16/2013	5	n/a	ND	
MW-B	d	Bromodichloromethane	75-27-4	ug/L	4/16/2013	1	n/a	ND	
MW-B	d	Bromodichloromethane	75-27-4	ug/L	4/16/2013	1	n/a	ND	
MW-B	d	Bromoform	75-25-2	ug/L	4/16/2013	5	n/a	ND	
MW-B	d	Bromoform	75-25-2	ug/L	4/16/2013	5	n/a	ND	
MW-B	d	Carbon disulfide	75-15-0	ug/L	4/16/2013	1	n/a	ND	
MW-B	d	Carbon disulfide	75-15-0	ug/L	4/16/2013	1	n/a	ND	
MW-B	d	Carbon Tetrachloride	56-23-5	ug/L	4/16/2013	2	n/a	ND	
MW-B	d	Carbon Tetrachloride	56-23-5	ug/L	4/16/2013	2	n/a	ND	
MW-B	d	Chlorobenzene	108-90-7	ug/L	4/16/2013	1	n/a	ND	
MW-B	d	Chlorobenzene	108-90-7	ug/L	4/16/2013	1	n/a	ND	
MW-B	d	Chloroethane	75-00-3	ug/L	4/16/2013	4	n/a	ND	
MW-B	d	Chloroethane	75-00-3	ug/L	4/16/2013	4	n/a	ND	
MW-B	d	Chloroform	67-66-3	ug/L	4/16/2013	1	n/a	ND	
MW-B	d	Chloroform	67-66-3	ug/L	4/16/2013	1	n/a	ND	

Table 9A
Analytical Data Summary - Phase II MSWLF
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Phase II MSWLF and CWTS
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-B	d	Chlorodibromomethane	124-48-1	ug/L	4/16/2013	5	n/a	ND	
MW-B	d	Chlorodibromomethane	124-48-1	ug/L	4/16/2013	5	n/a	ND	
MW-B	d	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	4/16/2013	0.12	n/a	ND	
MW-B	d	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	4/16/2013	0.12	n/a	ND	
MW-B	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	4/16/2013	0.13	n/a	ND	
MW-B	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	4/16/2013	0.13	n/a	ND	
MW-B	d	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	4/16/2013	10	n/a	ND	
MW-B	d	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	4/16/2013	10	n/a	ND	
MW-B	d	1,1-Dichloroethane	75-34-3	ug/L	4/16/2013	1	n/a	ND	
MW-B	d	1,1-Dichloroethane	75-34-3	ug/L	4/16/2013	1	n/a	ND	
MW-B	d	1,2-Dichloroethane	107-06-2	ug/L	4/16/2013	1	n/a	ND	
MW-B	d	1,2-Dichloroethane	107-06-2	ug/L	4/16/2013	1	n/a	ND	
MW-B	d	1,1-Dichloroethene	75-35-4	ug/L	4/16/2013	2	n/a	ND	
MW-B	d	1,1-Dichloroethene	75-35-4	ug/L	4/16/2013	2	n/a	ND	
MW-B	d	cis-1,2-Dichloroethene	156-59-2	ug/L	4/16/2013	1	n/a	ND	
MW-B	d	cis-1,2-Dichloroethene	156-59-2	ug/L	4/16/2013	1	n/a	ND	
MW-B	d	trans-1,2-Dichloroethene	156-60-5	ug/L	4/16/2013	1	n/a	ND	
MW-B	d	trans-1,2-Dichloroethene	156-60-5	ug/L	4/16/2013	1	n/a	ND	
MW-B	d	1,2-Dichloropropane	78-87-5	ug/L	4/16/2013	1	n/a	ND	
MW-B	d	1,2-Dichloropropane	78-87-5	ug/L	4/16/2013	1	n/a	ND	
MW-B	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	4/16/2013	5	n/a	ND	
MW-B	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	4/16/2013	5	n/a	ND	
MW-B	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	4/16/2013	5	n/a	ND	
MW-B	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	4/16/2013	5	n/a	ND	
MW-B	d	1,2-Dichlorobenzene	95-50-1	ug/L	4/16/2013	1	n/a	ND	
MW-B	d	1,2-Dichlorobenzene	95-50-1	ug/L	4/16/2013	1	n/a	ND	
MW-B	d	1,4-Dichlorobenzene	106-46-7	ug/L	4/16/2013	1	n/a	ND	
MW-B	d	1,4-Dichlorobenzene	106-46-7	ug/L	4/16/2013	1	n/a	ND	
MW-B	d	Ethylbenzene	100-41-4	ug/L	4/16/2013	1	n/a	ND	
MW-B	d	Ethylbenzene	100-41-4	ug/L	4/16/2013	1	n/a	ND	
MW-B	d	2-Hexanone	591-78-6	ug/L	4/16/2013	10	n/a	ND	
MW-B	d	2-Hexanone	591-78-6	ug/L	4/16/2013	10	n/a	ND	
MW-B	d	Bromomethane	74-83-9	ug/L	4/16/2013	4	n/a	ND	
MW-B	d	Bromomethane	74-83-9	ug/L	4/16/2013	4	n/a	ND	
MW-B	d	Chloromethane	74-87-3	ug/L	4/16/2013	3	n/a	ND	
MW-B	d	Chloromethane	74-87-3	ug/L	4/16/2013	3	n/a	ND	
MW-B	d	2-Butanone	78-93-3	ug/L	4/16/2013	10	n/a	ND	
MW-B	d	2-Butanone	78-93-3	ug/L	4/16/2013	10	n/a	ND	
MW-B	d	Iodomethane	74-88-4	ug/L	4/16/2013	10	n/a	ND	
MW-B	d	Iodomethane	74-88-4	ug/L	4/16/2013	10	n/a	ND	
MW-B	d	4-Methyl-2-pentanone	108-10-1	ug/L	4/16/2013	10	n/a	ND	
MW-B	d	4-Methyl-2-pentanone	108-10-1	ug/L	4/16/2013	10	n/a	ND	
MW-B	d	Methylene Bromide	74-95-3	ug/L	4/16/2013	1	n/a	ND	
MW-B	d	Methylene Bromide	74-95-3	ug/L	4/16/2013	1	n/a	ND	
MW-B	d	Methylene Chloride	75-09-2	ug/L	4/16/2013	5	n/a	ND	
MW-B	d	Methylene Chloride	75-09-2	ug/L	4/16/2013	5	n/a	ND	
MW-B	d	Styrene	100-42-5	ug/L	4/16/2013	1	n/a	ND	
MW-B	d	Styrene	100-42-5	ug/L	4/16/2013	1	n/a	ND	
MW-B	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	4/16/2013	1	n/a	ND	
MW-B	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	4/16/2013	1	n/a	ND	
MW-B	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	4/16/2013	1	n/a	ND	
MW-B	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	4/16/2013	1	n/a	ND	
MW-B	d	Tetrachloroethene	127-18-4	ug/L	4/16/2013	1	n/a	ND	
MW-B	d	Tetrachloroethene	127-18-4	ug/L	4/16/2013	1	n/a	ND	
MW-B	d	Toluene	108-88-3	ug/L	4/16/2013	1	n/a	ND	
MW-B	d	Toluene	108-88-3	ug/L	4/16/2013	1	n/a	ND	
MW-B	d	1,1,1-Trichloroethane	71-55-6	ug/L	4/16/2013	1	n/a	ND	
MW-B	d	1,1,1-Trichloroethane	71-55-6	ug/L	4/16/2013	1	n/a	ND	
MW-B	d	1,1,2-Trichloroethane	79-00-5	ug/L	4/16/2013	1	n/a	ND	
MW-B	d	1,1,2-Trichloroethane	79-00-5	ug/L	4/16/2013	1	n/a	ND	
MW-B	d	Trichloroethene	79-01-6	ug/L	4/16/2013	1	n/a	ND	
MW-B	d	Trichloroethene	79-01-6	ug/L	4/16/2013	1	n/a	ND	
MW-B	d	Trichlorofluoromethane	75-69-4	ug/L	4/16/2013	4	n/a	ND	
MW-B	d	Trichlorofluoromethane	75-69-4	ug/L	4/16/2013	4	n/a	ND	
MW-B	d	1,2,3-Trichloropropane	96-18-4	ug/L	4/16/2013	1	n/a	ND	
MW-B	d	1,2,3-Trichloropropane	96-18-4	ug/L	4/16/2013	1	n/a	ND	
MW-B	d	Vinyl acetate	108-05-4	ug/L	4/16/2013	2	n/a	ND	
MW-B	d	Vinyl acetate	108-05-4	ug/L	4/16/2013	2	n/a	ND	
MW-B	d	Vinyl chloride	75-01-4	ug/L	4/16/2013	1	n/a	ND	
MW-B	d	Vinyl chloride	75-01-4	ug/L	4/16/2013	1	n/a	ND	
MW-B	d	Xylenes, total	1330-20-7	ug/L	4/16/2013	3	n/a	ND	
MW-B	d	Xylenes, total	1330-20-7	ug/L	4/16/2013	3	n/a	ND	
MW-B	d	O-Xylene	95-47-6	ug/L	4/16/2013	1	n/a	ND	
MW-B	d	O-Xylene	95-47-6	ug/L	4/16/2013	1	n/a	ND	
MW-B	d	m&p-Xylene	179601-23-1	ug/L	4/16/2013	2	n/a	ND	

Table 9A
Analytical Data Summary - Phase II MSWLF
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Phase II MSWLF and CWTS
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-B	d	M&P-Xylene	179601-23-1	ug/L	4/16/2013	2	n/a	ND	
MW-C	d	Antimony	7440-36-0	mg/L	4/16/2013	0.006	n/a	ND	
MW-C	d	Arsenic	7440-38-2	mg/L	4/16/2013	0.001	n/a	ND	
MW-C	d	Barium	7440-39-3	mg/L	4/16/2013	n/a	n/a		0.539
MW-C	d	Beryllium	7440-41-7	mg/L	4/16/2013	0.001	n/a	ND	
MW-C	d	Cadmium	7440-43-9	mg/L	4/16/2013	0.0005	n/a	ND	
MW-C	d	Chromium	7440-47-3	mg/L	4/16/2013	0.02	n/a	ND	
MW-C	d	Cobalt	7440-48-4	mg/L	4/16/2013	n/a	n/a		0.00189
MW-C	d	Copper	7440-50-8	mg/L	4/16/2013	0.02	n/a	ND	
MW-C	d	Lead	7439-92-1	mg/L	4/16/2013	0.004	n/a	ND	
MW-C	d	Nickel	7440-02-0	mg/L	4/16/2013	0.05	n/a	ND	
MW-C	d	Selenium	7782-49-2	mg/L	4/16/2013	0.005	n/a	ND	
MW-C	d	Silver	7440-22-4	mg/L	4/16/2013	0.02	n/a	ND	
MW-C	d	Thallium	7440-28-0	mg/L	4/16/2013	0.002	n/a	ND	
MW-C	d	Vanadium	7440-62-2	mg/L	4/16/2013	0.05	n/a	ND	
MW-C	d	Zinc	7440-66-6	mg/L	4/16/2013	n/a	n/a		0.0496
MW-C	d	Acetone	67-64-1	ug/L	4/16/2013	10	n/a	ND	
MW-C	d	Acrylonitrile	107-13-1	ug/L	4/16/2013	10	n/a	ND	
MW-C	d	Benzene	71-43-2	ug/L	4/16/2013	0.5	n/a	ND	
MW-C	d	Bromochloromethane	74-97-5	ug/L	4/16/2013	5	n/a	ND	
MW-C	d	Bromodichloromethane	75-27-4	ug/L	4/16/2013	1	n/a	ND	
MW-C	d	Bromoform	75-25-2	ug/L	4/16/2013	5	n/a	ND	
MW-C	d	Carbon disulfide	75-15-0	ug/L	4/16/2013	1	n/a	ND	
MW-C	d	Carbon Tetrachloride	56-23-5	ug/L	4/16/2013	2	n/a	ND	
MW-C	d	Chlorobenzene	108-90-7	ug/L	4/16/2013	1	n/a	ND	
MW-C	d	Chloroethane	75-00-3	ug/L	4/16/2013	4	n/a	ND	
MW-C	d	Chloroform	67-66-3	ug/L	4/16/2013	1	n/a	ND	
MW-C	d	Chlorodibromomethane	124-48-1	ug/L	4/16/2013	5	n/a	ND	
MW-C	d	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	4/16/2013	0.12	n/a	ND	
MW-C	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	4/16/2013	0.13	n/a	ND	
MW-C	d	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	4/16/2013	10	n/a	ND	
MW-C	d	1,1-Dichloroethane	75-34-3	ug/L	4/16/2013	1	n/a	ND	
MW-C	d	1,2-Dichloroethane	107-06-2	ug/L	4/16/2013	1	n/a	ND	
MW-C	d	1,1-Dichloroethene	75-35-4	ug/L	4/16/2013	2	n/a	ND	
MW-C	d	cis-1,2-Dichloroethene	156-59-2	ug/L	4/16/2013	1	n/a	ND	
MW-C	d	trans-1,2-Dichloroethene	156-60-5	ug/L	4/16/2013	1	n/a	ND	
MW-C	d	1,2-Dichloropropane	78-87-5	ug/L	4/16/2013	1	n/a	ND	
MW-C	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	4/16/2013	5	n/a	ND	
MW-C	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	4/16/2013	5	n/a	ND	
MW-C	d	1,2-Dichlorobenzene	95-50-1	ug/L	4/16/2013	1	n/a	ND	
MW-C	d	1,4-Dichlorobenzene	106-46-7	ug/L	4/16/2013	1	n/a	ND	
MW-C	d	Ethylbenzene	100-41-4	ug/L	4/16/2013	1	n/a	ND	
MW-C	d	2-Hexanone	591-78-6	ug/L	4/16/2013	10	n/a	ND	
MW-C	d	Bromomethane	74-83-9	ug/L	4/16/2013	4	n/a	ND	
MW-C	d	Chloromethane	74-87-3	ug/L	4/16/2013	3	n/a	ND	
MW-C	d	2-Butanone	78-93-3	ug/L	4/16/2013	10	n/a	ND	
MW-C	d	Iodomethane	74-88-4	ug/L	4/16/2013	10	n/a	ND	
MW-C	d	4-Methyl-2-pentanone	108-10-1	ug/L	4/16/2013	10	n/a	ND	
MW-C	d	Methylene Bromide	74-95-3	ug/L	4/16/2013	1	n/a	ND	
MW-C	d	Methylene Chloride	75-09-2	ug/L	4/16/2013	5	n/a	ND	
MW-C	d	Styrene	100-42-5	ug/L	4/16/2013	1	n/a	ND	
MW-C	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	4/16/2013	1	n/a	ND	
MW-C	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	4/16/2013	1	n/a	ND	
MW-C	d	Tetrachloroethene	127-18-4	ug/L	4/16/2013	1	n/a	ND	
MW-C	d	Toluene	108-88-3	ug/L	4/16/2013	1	n/a	ND	
MW-C	d	1,1,1-Trichloroethane	71-55-6	ug/L	4/16/2013	1	n/a	ND	
MW-C	d	1,1,2-Trichloroethane	79-00-5	ug/L	4/16/2013	1	n/a	ND	
MW-C	d	Trichloroethene	79-01-6	ug/L	4/16/2013	1	n/a	ND	
MW-C	d	Trichlorofluoromethane	75-69-4	ug/L	4/16/2013	4	n/a	ND	
MW-C	d	1,2,3-Trichloropropane	96-18-4	ug/L	4/16/2013	1	n/a	ND	
MW-C	d	Vinyl acetate	108-05-4	ug/L	4/16/2013	2	n/a	ND	
MW-C	d	Vinyl chloride	75-01-4	ug/L	4/16/2013	1	n/a	ND	
MW-C	d	Xylenes, total	1330-20-7	ug/L	4/16/2013	3	n/a	ND	
MW-C	d	O-Xylene	95-47-6	ug/L	4/16/2013	1	n/a	ND	
MW-C	d	M&P-Xylene	179601-23-1	ug/L	4/16/2013	2	n/a	ND	
GU-4	d	Barium	7440-39-3	mg/L	7/2/2013	n/a	n/a	X	1.85
GU-4BG	u	Barium	7440-39-3	mg/L	7/2/2013	n/a	n/a	X	1.85
MW-C	d	Cobalt	7440-48-4	mg/L	7/2/2013	n/a	n/a		0.00676
MW-C	d	Zinc	7440-66-6	mg/L	7/2/2013	n/a	n/a		0.162
GU-4	d	Antimony	7440-36-0	mg/L	8/16/2013	n/a	n/a	J	0.000898
GU-4	d	Arsenic	7440-38-2	mg/L	8/16/2013	n/a	n/a	J	0.00084
GU-4	d	Barium	7440-39-3	mg/L	8/16/2013	n/a	n/a		0.0294
GU-4	d	Beryllium	7440-41-7	mg/L	8/16/2013	0.001	n/a	ND	
GU-4	d	Cadmium	7440-43-9	mg/L	8/16/2013	0.0005	n/a	ND	
GU-4	d	Chromium	7440-47-3	mg/L	8/16/2013	0.02	n/a	ND	

Table 9A
Analytical Data Summary - Phase II MSWLF
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Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
GU-4	d	Cobalt	7440-48-4	mg/L	8/16/2013	0.00132	n/a	ND	
GU-4	d	Copper	7440-50-8	mg/L	8/16/2013	0.02	n/a	ND	
GU-4	d	Lead	7439-92-1	mg/L	8/16/2013	n/a	n/a	J	0.00132
GU-4	d	Nickel	7440-02-0	mg/L	8/16/2013	n/a	n/a	J	0.00592
GU-4	d	Selenium	7782-49-2	mg/L	8/16/2013	0.005	n/a	ND	
GU-4	d	Silver	7440-22-4	mg/L	8/16/2013	n/a	n/a	J	0.00522
GU-4	d	Thallium	7440-28-0	mg/L	8/16/2013	0.002	n/a	ND	
GU-4	d	Vanadium	7440-62-2	mg/L	8/16/2013	0.05	n/a	ND	
GU-4	d	Zinc	7440-66-6	mg/L	8/16/2013	n/a	n/a		0.0975
GU-4	d	Acetone	67-64-1	ug/L	8/16/2013	n/a	n/a	J	3.48
GU-4	d	Acrylonitrile	107-13-1	ug/L	8/16/2013	10	n/a	ND	
GU-4	d	Benzene	71-43-2	ug/L	8/16/2013	0.5	n/a	ND	
GU-4	d	Bromochloromethane	74-97-5	ug/L	8/16/2013	5	n/a	ND	
GU-4	d	Bromodichloromethane	75-27-4	ug/L	8/16/2013	1	n/a	ND	
GU-4	d	Bromoform	75-25-2	ug/L	8/16/2013	5	n/a	ND	
GU-4	d	Carbon disulfide	75-15-0	ug/L	8/16/2013	1	n/a	ND	
GU-4	d	Carbon Tetrachloride	56-23-5	ug/L	8/16/2013	2	n/a	ND	
GU-4	d	Chlorobenzene	108-90-7	ug/L	8/16/2013	1	n/a	ND	
GU-4	d	Chloroethane	75-00-3	ug/L	8/16/2013	4	n/a	ND	
GU-4	d	Chloroform	67-66-3	ug/L	8/16/2013	1	n/a	ND	
GU-4	d	Chlorodibromomethane	124-48-1	ug/L	8/16/2013	5	n/a	ND	
GU-4	d	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	8/16/2013	0.12	n/a	ND	
GU-4	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	8/16/2013	0.13	n/a	ND	
GU-4	d	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	8/16/2013	10	n/a	ND	
GU-4	d	1,1-Dichloroethane	75-34-3	ug/L	8/16/2013	1	n/a	ND	
GU-4	d	1,2-Dichloroethane	107-06-2	ug/L	8/16/2013	1	n/a	ND	
GU-4	d	1,1-Dichloroethene	75-35-4	ug/L	8/16/2013	2	n/a	ND	
GU-4	d	cis-1,2-Dichloroethene	156-59-2	ug/L	8/16/2013	1	n/a	ND	
GU-4	d	trans-1,2-Dichloroethene	156-60-5	ug/L	8/16/2013	1	n/a	ND	
GU-4	d	1,2-Dichloropropane	78-87-5	ug/L	8/16/2013	1	n/a	ND	
GU-4	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	8/16/2013	5	n/a	ND	
GU-4	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	8/16/2013	5	n/a	ND	
GU-4	d	1,2-Dichlorobenzene	95-50-1	ug/L	8/16/2013	1	n/a	ND	
GU-4	d	1,4-Dichlorobenzene	106-46-7	ug/L	8/16/2013	1	n/a	ND	
GU-4	d	Ethylbenzene	100-41-4	ug/L	8/16/2013	1	n/a	ND	
GU-4	d	2-Hexanone	591-78-6	ug/L	8/16/2013	10	n/a	ND	
GU-4	d	Bromomethane	74-83-9	ug/L	8/16/2013	4	n/a	ND	
GU-4	d	Chloromethane	74-87-3	ug/L	8/16/2013	3	n/a	ND	
GU-4	d	2-Butanone	78-93-3	ug/L	8/16/2013	10	n/a	ND	
GU-4	d	Iodomethane	74-88-4	ug/L	8/16/2013	10	n/a	ND	
GU-4	d	4-Methyl-2-pentanone	108-10-1	ug/L	8/16/2013	10	n/a	ND	
GU-4	d	Methylene Bromide	74-95-3	ug/L	8/16/2013	1	n/a	ND	
GU-4	d	Methylene Chloride	75-09-2	ug/L	8/16/2013	n/a	n/a	J	0.198
GU-4	d	Styrene	100-42-5	ug/L	8/16/2013	1	n/a	ND	
GU-4	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	8/16/2013	1	n/a	ND	
GU-4	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	8/16/2013	1	n/a	ND	
GU-4	d	Tetrachloroethene	127-18-4	ug/L	8/16/2013	1	n/a	ND	
GU-4	d	Toluene	108-88-3	ug/L	8/16/2013	1	n/a	ND	
GU-4	d	1,1,1-Trichloroethane	71-55-6	ug/L	8/16/2013	1	n/a	ND	
GU-4	d	1,1,2-Trichloroethane	79-00-5	ug/L	8/16/2013	1	n/a	ND	
GU-4	d	Trichloroethene	79-01-6	ug/L	8/16/2013	1	n/a	ND	
GU-4	d	Trichlorofluoromethane	75-69-4	ug/L	8/16/2013	4	n/a	ND	
GU-4	d	1,2,3-Trichloropropane	96-18-4	ug/L	8/16/2013	1	n/a	ND	
GU-4	d	Vinyl acetate	108-05-4	ug/L	8/16/2013	2	n/a	ND	
GU-4	d	Vinyl chloride	75-01-4	ug/L	8/16/2013	1	n/a	ND	
GU-4	d	Xylenes, total	1330-20-7	ug/L	8/16/2013	3	n/a	ND	
GU-4BG	u	Antimony	7440-36-0	mg/L	8/16/2013	n/a	n/a	J	0.000898
GU-4BG	u	Arsenic	7440-38-2	mg/L	8/16/2013	n/a	n/a	J	0.00084
GU-4BG	u	Barium	7440-39-3	mg/L	8/16/2013	n/a	n/a		0.0294
GU-4BG	u	Beryllium	7440-41-7	mg/L	8/16/2013	0.001	n/a	ND	
GU-4BG	u	Cadmium	7440-43-9	mg/L	8/16/2013	0.0005	n/a	ND	
GU-4BG	u	Chromium	7440-47-3	mg/L	8/16/2013	0.02	n/a	ND	
GU-4BG	u	Cobalt	7440-48-4	mg/L	8/16/2013	0.00132	n/a	ND	
GU-4BG	u	Copper	7440-50-8	mg/L	8/16/2013	0.02	n/a	ND	
GU-4BG	u	Lead	7439-92-1	mg/L	8/16/2013	n/a	n/a	J	0.00132
GU-4BG	u	Nickel	7440-02-0	mg/L	8/16/2013	n/a	n/a	J	0.00592
GU-4BG	u	Selenium	7782-49-2	mg/L	8/16/2013	0.005	n/a	ND	
GU-4BG	u	Silver	7440-22-4	mg/L	8/16/2013	n/a	n/a	J	0.00522
GU-4BG	u	Thallium	7440-28-0	mg/L	8/16/2013	0.002	n/a	ND	
GU-4BG	u	Vanadium	7440-62-2	mg/L	8/16/2013	0.05	n/a	ND	
GU-4BG	u	Zinc	7440-66-6	mg/L	8/16/2013	n/a	n/a		0.0975
GU-4BG	u	Acetone	67-64-1	ug/L	8/16/2013	n/a	n/a	J	3.48
GU-4BG	u	Acrylonitrile	107-13-1	ug/L	8/16/2013	10	n/a	ND	
GU-4BG	u	Benzene	71-43-2	ug/L	8/16/2013	0.5	n/a	ND	
GU-4BG	u	Bromochloromethane	74-97-5	ug/L	8/16/2013	5	n/a	ND	

Table 9A
Analytical Data Summary - Phase II MSWLF
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Phase II MSWLF and CWTS
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Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
GU-4BG	u	Bromodichloromethane	75-27-4	ug/L	8/16/2013	1	n/a	ND	
GU-4BG	u	Bromoform	75-25-2	ug/L	8/16/2013	5	n/a	ND	
GU-4BG	u	Carbon disulfide	75-15-0	ug/L	8/16/2013	1	n/a	ND	
GU-4BG	u	Carbon Tetrachloride	56-23-5	ug/L	8/16/2013	2	n/a	ND	
GU-4BG	u	Chlorobenzene	108-90-7	ug/L	8/16/2013	1	n/a	ND	
GU-4BG	u	Chloroethane	75-00-3	ug/L	8/16/2013	4	n/a	ND	
GU-4BG	u	Chloroform	67-66-3	ug/L	8/16/2013	1	n/a	ND	
GU-4BG	u	Chlorodibromomethane	124-48-1	ug/L	8/16/2013	5	n/a	ND	
GU-4BG	u	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	8/16/2013	0.12	n/a	ND	
GU-4BG	u	1,2-Dibromoethane [EDB]	106-93-4	ug/L	8/16/2013	0.13	n/a	ND	
GU-4BG	u	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	8/16/2013	10	n/a	ND	
GU-4BG	u	1,1-Dichloroethane	75-34-3	ug/L	8/16/2013	1	n/a	ND	
GU-4BG	u	1,2-Dichloroethane	107-06-2	ug/L	8/16/2013	1	n/a	ND	
GU-4BG	u	1,1-Dichloroethene	75-35-4	ug/L	8/16/2013	2	n/a	ND	
GU-4BG	u	cis-1,2-Dichloroethene	156-59-2	ug/L	8/16/2013	1	n/a	ND	
GU-4BG	u	trans-1,2-Dichloroethene	156-60-5	ug/L	8/16/2013	1	n/a	ND	
GU-4BG	u	1,2-Dichloropropane	78-87-5	ug/L	8/16/2013	1	n/a	ND	
GU-4BG	u	cis-1,3-Dichloropropene	10061-01-5	ug/L	8/16/2013	5	n/a	ND	
GU-4BG	u	trans-1,3-Dichloropropene	10061-02-6	ug/L	8/16/2013	5	n/a	ND	
GU-4BG	u	1,2-Dichlorobenzene	95-50-1	ug/L	8/16/2013	1	n/a	ND	
GU-4BG	u	1,4-Dichlorobenzene	106-46-7	ug/L	8/16/2013	1	n/a	ND	
GU-4BG	u	Ethylbenzene	100-41-4	ug/L	8/16/2013	1	n/a	ND	
GU-4BG	u	2-Hexanone	591-78-6	ug/L	8/16/2013	10	n/a	ND	
GU-4BG	u	Bromomethane	74-83-9	ug/L	8/16/2013	4	n/a	ND	
GU-4BG	u	Chloromethane	74-87-3	ug/L	8/16/2013	3	n/a	ND	
GU-4BG	u	2-Butanone	78-93-3	ug/L	8/16/2013	10	n/a	ND	
GU-4BG	u	Iodomethane	74-88-4	ug/L	8/16/2013	10	n/a	ND	
GU-4BG	u	4-Methyl-2-pentanone	108-10-1	ug/L	8/16/2013	10	n/a	ND	
GU-4BG	u	Methylene Bromide	74-95-3	ug/L	8/16/2013	1	n/a	ND	
GU-4BG	u	Methylene Chloride	75-09-2	ug/L	8/16/2013	n/a	n/a	J	0.198
GU-4BG	u	Styrene	100-42-5	ug/L	8/16/2013	1	n/a	ND	
GU-4BG	u	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	8/16/2013	1	n/a	ND	
GU-4BG	u	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	8/16/2013	1	n/a	ND	
GU-4BG	u	Tetrachloroethene	127-18-4	ug/L	8/16/2013	1	n/a	ND	
GU-4BG	u	Toluene	108-88-3	ug/L	8/16/2013	1	n/a	ND	
GU-4BG	u	1,1,1-Trichloroethane	71-55-6	ug/L	8/16/2013	1	n/a	ND	
GU-4BG	u	1,1,2-Trichloroethane	79-00-5	ug/L	8/16/2013	1	n/a	ND	
GU-4BG	u	Trichloroethene	79-01-6	ug/L	8/16/2013	1	n/a	ND	
GU-4BG	u	Trichlorofluoromethane	75-69-4	ug/L	8/16/2013	4	n/a	ND	
GU-4BG	u	1,2,3-Trichloropropane	96-18-4	ug/L	8/16/2013	1	n/a	ND	
GU-4BG	u	Vinyl acetate	108-05-4	ug/L	8/16/2013	2	n/a	ND	
GU-4BG	u	Vinyl chloride	75-01-4	ug/L	8/16/2013	1	n/a	ND	
GU-4BG	u	Xylenes, total	1330-20-7	ug/L	8/16/2013	3	n/a	ND	
MW-C	d	Antimony	7440-36-0	mg/L	8/16/2013	0.006	n/a	ND	
MW-C	d	Arsenic	7440-38-2	mg/L	8/16/2013	0.001	n/a	ND	
MW-C	d	Barium	7440-39-3	mg/L	8/16/2013	n/a	n/a		0.399
MW-C	d	Beryllium	7440-41-7	mg/L	8/16/2013	0.001	n/a	ND	
MW-C	d	Cadmium	7440-43-9	mg/L	8/16/2013	0.0005	n/a	ND	
MW-C	d	Chromium	7440-47-3	mg/L	8/16/2013	0.02	n/a	ND	
MW-C	d	Cobalt	7440-48-4	mg/L	8/16/2013	0.00132	n/a	ND	
MW-C	d	Copper	7440-50-8	mg/L	8/16/2013	0.02	n/a	ND	
MW-C	d	Lead	7439-92-1	mg/L	8/16/2013	n/a	n/a	J	0.00195
MW-C	d	Nickel	7440-02-0	mg/L	8/16/2013	0.05	n/a	ND	
MW-C	d	Selenium	7782-49-2	mg/L	8/16/2013	0.005	n/a	ND	
MW-C	d	Silver	7440-22-4	mg/L	8/16/2013	n/a	n/a	J	0.00495
MW-C	d	Thallium	7440-28-0	mg/L	8/16/2013	0.002	n/a	ND	
MW-C	d	Vanadium	7440-62-2	mg/L	8/16/2013	0.05	n/a	ND	
MW-C	d	Zinc	7440-66-6	mg/L	8/16/2013	n/a	n/a		0.0504
MW-C	d	Mercury	7439-97-6	mg/L	8/16/2013	0.0002	n/a	ND	
MW-C	d	Tin	7440-31-5	mg/L	8/16/2013	0.1	n/a	ND	
MW-C	d	Acetone	67-64-1	ug/L	8/16/2013	n/a	n/a	J	2.89
MW-C	d	Acrylonitrile	107-13-1	ug/L	8/16/2013	10	n/a	ND	
MW-C	d	Benzene	71-43-2	ug/L	8/16/2013	0.5	n/a	ND	
MW-C	d	Bromochloromethane	74-97-5	ug/L	8/16/2013	5	n/a	ND	
MW-C	d	Bromodichloromethane	75-27-4	ug/L	8/16/2013	1	n/a	ND	
MW-C	d	Bromoform	75-25-2	ug/L	8/16/2013	5	n/a	ND	
MW-C	d	Carbon disulfide	75-15-0	ug/L	8/16/2013	1	n/a	ND	
MW-C	d	Carbon Tetrachloride	56-23-5	ug/L	8/16/2013	2	n/a	ND	
MW-C	d	Chlorobenzene	108-90-7	ug/L	8/16/2013	1	n/a	ND	
MW-C	d	Chloroethane	75-00-3	ug/L	8/16/2013	4	n/a	ND	
MW-C	d	Chloroform	67-66-3	ug/L	8/16/2013	1	n/a	ND	
MW-C	d	Chlorodibromomethane	124-48-1	ug/L	8/16/2013	5	n/a	ND	
MW-C	d	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	8/16/2013	0.12	n/a	ND	
MW-C	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	8/16/2013	0.13	n/a	ND	
MW-C	d	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	8/16/2013	10	n/a	ND	

Table 9A
Analytical Data Summary - Phase II MSWLF
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Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-C	d	1,1-Dichloroethane	75-34-3	ug/L	8/16/2013	1	n/a	ND	
MW-C	d	1,2-Dichloroethane	107-06-2	ug/L	8/16/2013	1	n/a	ND	
MW-C	d	1,1-Dichloroethene	75-35-4	ug/L	8/16/2013	2	n/a	ND	
MW-C	d	cis-1,2-Dichloroethene	156-59-2	ug/L	8/16/2013	1	n/a	ND	
MW-C	d	trans-1,2-Dichloroethene	156-60-5	ug/L	8/16/2013	1	n/a	ND	
MW-C	d	1,2-Dichloropropane	78-87-5	ug/L	8/16/2013	1	n/a	ND	
MW-C	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	8/16/2013	5	n/a	ND	
MW-C	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	8/16/2013	5	n/a	ND	
MW-C	d	1,2-Dichlorobenzene	95-50-1	ug/L	8/16/2013	1	n/a	ND	
MW-C	d	1,4-Dichlorobenzene	106-46-7	ug/L	8/16/2013	1	n/a	ND	
MW-C	d	Ethylbenzene	100-41-4	ug/L	8/16/2013	1	n/a	ND	
MW-C	d	2-Hexanone	591-78-6	ug/L	8/16/2013	10	n/a	ND	
MW-C	d	Bromomethane	74-83-9	ug/L	8/16/2013	n/a	n/a	J	0.222
MW-C	d	Chloromethane	74-87-3	ug/L	8/16/2013	3	n/a	ND	
MW-C	d	2-Butanone	78-93-3	ug/L	8/16/2013	10	n/a	ND	
MW-C	d	Iodomethane	74-88-4	ug/L	8/16/2013	10	n/a	ND	
MW-C	d	4-Methyl-2-pentanone	108-10-1	ug/L	8/16/2013	10	n/a	ND	
MW-C	d	Methylene Bromide	74-95-3	ug/L	8/16/2013	1	n/a	ND	
MW-C	d	Methylene Chloride	75-09-2	ug/L	8/16/2013	5	n/a	ND	
MW-C	d	Styrene	100-42-5	ug/L	8/16/2013	1	n/a	ND	
MW-C	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	8/16/2013	1	n/a	ND	
MW-C	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	8/16/2013	1	n/a	ND	
MW-C	d	Tetrachloroethene	127-18-4	ug/L	8/16/2013	1	n/a	ND	
MW-C	d	Toluene	108-88-3	ug/L	8/16/2013	1	n/a	ND	
MW-C	d	1,1,1-Trichloroethane	71-55-6	ug/L	8/16/2013	1	n/a	ND	
MW-C	d	1,1,2-Trichloroethane	79-00-5	ug/L	8/16/2013	1	n/a	ND	
MW-C	d	Trichloroethene	79-01-6	ug/L	8/16/2013	1	n/a	ND	
MW-C	d	Trichlorofluoromethane	75-69-4	ug/L	8/16/2013	4	n/a	ND	
MW-C	d	1,2,3-Trichloropropane	96-18-4	ug/L	8/16/2013	1	n/a	ND	
MW-C	d	Vinyl acetate	108-05-4	ug/L	8/16/2013	2	n/a	ND	
MW-C	d	Vinyl chloride	75-01-4	ug/L	8/16/2013	1	n/a	ND	
MW-C	d	Xylenes, total	1330-20-7	ug/L	8/16/2013	3	n/a	ND	
MW-C	d	Acrolein	107-02-8	ug/L	8/16/2013	10	n/a	ND	
MW-C	d	3-Chloropropene	107-05-1	ug/L	8/16/2013	2	n/a	ND	
MW-C	d	Chloroprene	126-99-8	ug/L	8/16/2013	1	n/a	ND	
MW-C	d	Dichlorodifluoromethane	75-71-8	ug/L	8/16/2013	3	n/a	ND	
MW-C	d	1,3-Dichloropropane	142-28-9	ug/L	8/16/2013	1	n/a	ND	
MW-C	d	2,2-Dichloropropane	594-20-7	ug/L	8/16/2013	4	n/a	ND	
MW-C	d	1,1-Dichloropropene	563-58-6	ug/L	8/16/2013	1	n/a	ND	
MW-C	d	1,3-Dichlorobenzene	541-73-1	ug/L	8/16/2013	1	n/a	ND	
MW-C	d	Ethyl Methacrylate	97-63-2	ug/L	8/16/2013	2	n/a	ND	
MW-C	d	Methacrylonitrile	126-98-7	ug/L	8/16/2013	1	n/a	ND	
MW-C	d	Methyl Methacrylate	80-62-6	ug/L	8/16/2013	2	n/a	ND	
MW-C	d	Naphthalene	91-20-3	ug/L	8/16/2013	5	n/a	ND	
MW-C	d	Propionitrile	107-12-0	ug/L	8/16/2013	10	n/a	ND	
MW-C	d	1,2,4-Trichlorobenzene	120-82-1	ug/L	8/16/2013	5	n/a	ND	
MW-C	d	Acenaphthene	83-32-9	ug/L	8/16/2013	11.2	n/a	ND	
MW-C	d	Acenaphthylene	208-96-8	ug/L	8/16/2013	11.2	n/a	ND	
MW-C	d	Acetophenone	98-86-2	ug/L	8/16/2013	11.2	n/a	ND	
MW-C	d	2-Acetylaminofluorene	53-96-3	ug/L	8/16/2013	11.2	n/a	ND	
MW-C	d	4-Aminobiphenyl	92-67-1	ug/L	8/16/2013	11.2	n/a	ND	
MW-C	d	Anthracene	120-12-7	ug/L	8/16/2013	11.2	n/a	ND	
MW-C	d	Benzo [a] anthracene	56-55-3	ug/L	8/16/2013	11.2	n/a	ND	
MW-C	d	Benzo [b] fluoranthene	205-99-2	ug/L	8/16/2013	11.2	n/a	ND	
MW-C	d	Benzo [k] fluoranthene	207-08-9	ug/L	8/16/2013	11.2	n/a	ND	
MW-C	d	Benzo [g,h,i] perylene	191-24-2	ug/L	8/16/2013	11.2	n/a	ND	
MW-C	d	Benzo [a] pyrene	50-32-8	ug/L	8/16/2013	11.2	n/a	ND	
MW-C	d	Benzyl alcohol	100-51-6	ug/L	8/16/2013	11.2	n/a	ND	
MW-C	d	Bis[2-chloroethoxy]methane	111-91-1	ug/L	8/16/2013	11.2	n/a	ND	
MW-C	d	Bis[2-chloroethyl]ether	111-44-4	ug/L	8/16/2013	11.2	n/a	ND	
MW-C	d	Bis[2-chloroisopropyl]ether	108-60-1	ug/L	8/16/2013	11.2	n/a	ND	
MW-C	d	Bis[2-ethylhexyl]phthalate	117-81-7	ug/L	8/16/2013	11.2	n/a	ND	
MW-C	d	4-Bromophenyl phenyl ether	101-55-3	ug/L	8/16/2013	11.2	n/a	ND	
MW-C	d	Butyl benzyl phthalate	85-68-7	ug/L	8/16/2013	11.2	n/a	ND	
MW-C	d	4-Chloroaniline	106-47-8	ug/L	8/16/2013	11.2	n/a	ND	
MW-C	d	Chlorobenzilate	510-15-6	ug/L	8/16/2013	11.2	n/a	ND	
MW-C	d	4-Chloro-3-methylphenol	59-50-7	ug/L	8/16/2013	11.2	n/a	ND	
MW-C	d	2-Chloronaphthalene	91-58-7	ug/L	8/16/2013	11.2	n/a	ND	
MW-C	d	2-Chlorophenol	95-57-8	ug/L	8/16/2013	11.2	n/a	ND	
MW-C	d	4-Chlorophenyl phenyl ether	7005-72-3	ug/L	8/16/2013	11.2	n/a	ND	
MW-C	d	Chrysene	218-01-9	ug/L	8/16/2013	11.2	n/a	ND	
MW-C	d	3/4-Methylphenol	T-34MP	ug/L	8/16/2013	11.2	n/a	ND	
MW-C	d	2-Methylphenol	95-48-7	ug/L	8/16/2013	11.2	n/a	ND	
MW-C	d	Diallate [cis or trans]	2303-16-4	ug/L	8/16/2013	11.2	n/a	ND	
MW-C	d	Dibenz [a,h] anthracene	53-70-3	ug/L	8/16/2013	11.2	n/a	ND	

Table 9A
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Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-C	d	Dibenzofuran	132-64-9	ug/L	8/16/2013	11.2	n/a	ND	
MW-C	d	Di-n-butyl phthalate	84-74-2	ug/L	8/16/2013	11.2	n/a	ND	
MW-C	d	3,3-Dichlorobenzidine	91-94-1	ug/L	8/16/2013	56.2	n/a	ND	
MW-C	d	2,4-Dichlorophenol	120-83-2	ug/L	8/16/2013	11.2	n/a	ND	
MW-C	d	2,6-Dichlorophenol	87-65-0	ug/L	8/16/2013	11.2	n/a	ND	
MW-C	d	Diethyl phthalate	84-66-2	ug/L	8/16/2013	11.2	n/a	ND	
MW-C	d	Thionazin	297-97-2	ug/L	8/16/2013	11.2	n/a	ND	
MW-C	d	7,12-Dimethylbenz [a] anthracene	57-97-6	ug/L	8/16/2013	11.2	n/a	ND	
MW-C	d	Dimethoate	60-51-5	ug/L	8/16/2013	11.2	n/a	ND	
MW-C	d	Dimethylaminoazobenzene	60-11-7	ug/L	8/16/2013	11.2	n/a	ND	
MW-C	d	3,3-Dimethylbenzidine	119-93-7	ug/L	8/16/2013	11.2	n/a	ND	
MW-C	d	2,4-Dimethylphenol	105-67-9	ug/L	8/16/2013	11.2	n/a	ND	
MW-C	d	Dimethyl phthalate	131-11-3	ug/L	8/16/2013	11.2	n/a	ND	
MW-C	d	1,3-Dinitrobenzene	99-65-0	ug/L	8/16/2013	11.2	n/a	ND	
MW-C	d	4,6-Dinitro-2-methylphenol	534-52-1	ug/L	8/16/2013	11.2	n/a	ND	
MW-C	d	2,4-Dinitrophenol	51-28-5	ug/L	8/16/2013	22.5	n/a	ND	
MW-C	d	2,4-Dinitrotoluene	121-14-2	ug/L	8/16/2013	11.2	n/a	ND	
MW-C	d	2,6-Dinitrotoluene	606-20-2	ug/L	8/16/2013	11.2	n/a	ND	
MW-C	d	Di-n-octyl phthalate	117-84-0	ug/L	8/16/2013	22.5	n/a	ND	
MW-C	d	Diphenylamine	122-39-4	ug/L	8/16/2013	11.2	n/a	ND	
MW-C	d	Disulfoton	298-04-4	ug/L	8/16/2013	11.2	n/a	ND	
MW-C	d	Ethyl Methanesulfonate	62-50-0	ug/L	8/16/2013	11.2	n/a	ND	
MW-C	d	Famphur	52-85-7	ug/L	8/16/2013	22.5	n/a	ND	
MW-C	d	Fluoranthene	206-44-0	ug/L	8/16/2013	11.2	n/a	ND	
MW-C	d	Fluorene	86-73-7	ug/L	8/16/2013	11.2	n/a	ND	
MW-C	d	Hexachlorobenzene	118-74-1	ug/L	8/16/2013	11.2	n/a	ND	
MW-C	d	Hexachlorobutadiene	87-68-3	ug/L	8/16/2013	11.2	n/a	ND	
MW-C	d	Hexachlorocyclopentadiene	77-47-4	ug/L	8/16/2013	22.5	n/a	ND	
MW-C	d	Hexachloroethane	67-72-1	ug/L	8/16/2013	11.2	n/a	ND	
MW-C	d	Hexachloropropene	1888-71-7	ug/L	8/16/2013	11.2	n/a	ND	
MW-C	d	Indeno [1,2,3-cd] pyrene	193-39-5	ug/L	8/16/2013	11.2	n/a	ND	
MW-C	d	Isodrin	465-73-6	ug/L	8/16/2013	11.2	n/a	ND	
MW-C	d	Isophorone	78-59-1	ug/L	8/16/2013	11.2	n/a	ND	
MW-C	d	Isosafrole	120-58-1	ug/L	8/16/2013	11.2	n/a	ND	
MW-C	d	Kepone	143-50-0	ug/L	8/16/2013	11.2	n/a	ND	
MW-C	d	Methapyrilene	91-80-5	ug/L	8/16/2013	11.2	n/a	ND	
MW-C	d	3-Methylcholanthrene	56-49-5	ug/L	8/16/2013	11.2	n/a	ND	
MW-C	d	Methyl Methanesulfonate	66-27-3	ug/L	8/16/2013	11.2	n/a	ND	
MW-C	d	2-Methylnaphthalene	91-57-6	ug/L	8/16/2013	11.2	n/a	ND	
MW-C	d	Parathion-methyl	298-00-0	ug/L	8/16/2013	11.2	n/a	ND	
MW-C	d	1,4-Naphthoquinone	130-15-4	ug/L	8/16/2013	11.2	n/a	ND	
MW-C	d	1-Naphthylamine	134-32-7	ug/L	8/16/2013	11.2	n/a	ND	
MW-C	d	2-Naphthylamine	91-59-8	ug/L	8/16/2013	11.2	n/a	ND	
MW-C	d	2-Nitroaniline	88-74-4	ug/L	8/16/2013	11.2	n/a	ND	
MW-C	d	3-Nitroaniline	99-09-2	ug/L	8/16/2013	11.2	n/a	ND	
MW-C	d	4-Nitroaniline	100-01-6	ug/L	8/16/2013	11.2	n/a	ND	
MW-C	d	Nitrobenzene	98-95-3	ug/L	8/16/2013	11.2	n/a	ND	
MW-C	d	2-Nitrophenol	88-75-5	ug/L	8/16/2013	11.2	n/a	ND	
MW-C	d	4-Nitrophenol	100-02-7	ug/L	8/16/2013	11.2	n/a	ND	
MW-C	d	N-Nitrosodi-n-butylamine	924-16-3	ug/L	8/16/2013	11.2	n/a	ND	
MW-C	d	N-Nitrosodiethylamine	55-18-5	ug/L	8/16/2013	11.2	n/a	ND	
MW-C	d	N-Nitrosodimethylamine	62-75-9	ug/L	8/16/2013	11.2	n/a	ND	
MW-C	d	N-Nitrosodiphenylamine	86-30-6	ug/L	8/16/2013	11.2	n/a	ND	
MW-C	d	N-Nitrosodi-n-propylamine	621-64-7	ug/L	8/16/2013	11.2	n/a	ND	
MW-C	d	N-Nitrosomethylethylamine	10595-95-6	ug/L	8/16/2013	11.2	n/a	ND	
MW-C	d	N-Nitrosopiperidine	100-75-4	ug/L	8/16/2013	11.2	n/a	ND	
MW-C	d	N-Nitrosopyrrolidine	930-55-2	ug/L	8/16/2013	11.2	n/a	ND	
MW-C	d	5-Nitro-o-toluidine	99-55-8	ug/L	8/16/2013	11.2	n/a	ND	
MW-C	d	Parathion-ethyl	56-38-2	ug/L	8/16/2013	11.2	n/a	ND	
MW-C	d	Pentachlorobenzene	608-93-5	ug/L	8/16/2013	11.2	n/a	ND	
MW-C	d	Pentachloronitrobenzene	82-68-8	ug/L	8/16/2013	11.2	n/a	ND	
MW-C	d	Pentachlorophenol [2C]	87-86-5	ug/L	8/16/2013	11.2	n/a	ND	
MW-C	d	Phenacetin	62-44-2	ug/L	8/16/2013	11.2	n/a	ND	
MW-C	d	Phenanthrene	85-01-8	ug/L	8/16/2013	11.2	n/a	ND	
MW-C	d	Phenol	108-95-2	ug/L	8/16/2013	11.2	n/a	ND	
MW-C	d	1,4-Phenylenediamine	106-50-3	ug/L	8/16/2013	11.2	n/a	ND	
MW-C	d	Phorate	298-02-2	ug/L	8/16/2013	11.2	n/a	ND	
MW-C	d	Pronamide	23950-58-5	ug/L	8/16/2013	11.2	n/a	ND	
MW-C	d	Pyrene	129-00-0	ug/L	8/16/2013	11.2	n/a	ND	
MW-C	d	Safrole	94-59-7	ug/L	8/16/2013	11.2	n/a	ND	
MW-C	d	1,2,4,5-Tetrachlorobenzene	95-94-3	ug/L	8/16/2013	11.2	n/a	ND	
MW-C	d	2,3,4,6-Tetrachlorophenol	58-90-2	ug/L	8/16/2013	11.2	n/a	ND	
MW-C	d	o-Toluidine	95-53-4	ug/L	8/16/2013	11.2	n/a	ND	
MW-C	d	2,4,5-Trichlorophenol	95-95-4	ug/L	8/16/2013	11.2	n/a	ND	
MW-C	d	2,4,6-Trichlorophenol	88-06-2	ug/L	8/16/2013	11.2	n/a	ND	

Table 9A
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Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-C	d	O,O,O-Triethyl phosphorothioate	126-68-1	ug/L	8/16/2013	11.2	n/a	ND	
MW-C	d	1,3,5-Trinitrobenzene	99-35-4	ug/L	8/16/2013	11.2	n/a	ND	
MW-C	d	Dinoseb	88-85-7	ug/L	8/16/2013	11.2	n/a	ND	
MW-C	d	Acetonitrile	75-05-8	ug/L	8/16/2013	10000	n/a	ND	
MW-C	d	Isobutanol	78-83-1	mg/L	8/16/2013	10	n/a	ND	
MW-C	d	PCB-1016	12674-11-2	ug/L	8/16/2013	0.808	n/a	ND	
MW-C	d	PCB-1221	11104-28-2	ug/L	8/16/2013	0.808	n/a	ND	
MW-C	d	PCB-1232	11141-16-5	ug/L	8/16/2013	0.808	n/a	ND	
MW-C	d	PCB-1242	53469-21-9	ug/L	8/16/2013	0.808	n/a	ND	
MW-C	d	PCB-1248	12672-29-6	ug/L	8/16/2013	0.808	n/a	ND	
MW-C	d	PCB-1254	11097-69-1	ug/L	8/16/2013	0.808	n/a	ND	
MW-C	d	PCB-1260	11096-82-5	ug/L	8/16/2013	0.808	n/a	ND	
MW-C	d	Cyanide	57-12-5	mg/L	8/16/2013	0.01	n/a	ND	
MW-C	d	Sulfide	18496-25-8	mg/L	8/16/2013	n/a	n/a	J	0.255
MW-C	d	2,4-D [2C]	94-75-7	ug/L	8/16/2013	1.14	n/a	ND	
MW-C	d	2,4,5-TP [Silvex] [2C]	93-72-1	ug/L	8/16/2013	1.14	n/a	ND	
MW-C	d	2,4,5-T [2C]	93-76-5	ug/L	8/16/2013	1.14	n/a	ND	
MW-C	d	alpha-BHC	319-84-6	ug/L	8/16/2013	0.0333	n/a	ND	
MW-C	d	beta-BHC	319-85-7	ug/L	8/16/2013	0.0333	n/a	ND	
MW-C	d	Dieldrin	60-57-1	ug/L	8/16/2013	0.0333	n/a	ND	
MW-C	d	4,4'-DDE	72-55-9	ug/L	8/16/2013	0.0333	n/a	ND	
MW-C	d	delta-BHC	319-86-8	ug/L	8/16/2013	0.0333	n/a	ND	
MW-C	d	Endrin	72-20-8	ug/L	8/16/2013	0.0333	n/a	ND	
MW-C	d	gamma-BHC [Lindane]	58-89-9	ug/L	8/16/2013	0.0333	n/a	ND	
MW-C	d	Endosulfan II	33213-65-9	ug/L	8/16/2013	0.0333	n/a	ND	
MW-C	d	Heptachlor	76-44-8	ug/L	8/16/2013	0.0333	n/a	ND	
MW-C	d	4,4'-DDD	72-54-8	ug/L	8/16/2013	0.0333	n/a	ND	
MW-C	d	Aldrin	309-00-2	ug/L	8/16/2013	0.0333	n/a	ND	
MW-C	d	Endosulfan sulfate	1031-07-8	ug/L	8/16/2013	0.0333	n/a	ND	
MW-C	d	Heptachlor epoxide	1024-57-3	ug/L	8/16/2013	0.0333	n/a	ND	
MW-C	d	4,4'-DDT	50-29-3	ug/L	8/16/2013	0.0333	n/a	ND	
MW-C	d	Endosulfan I	959-98-8	ug/L	8/16/2013	0.0333	n/a	ND	
MW-C	d	Methoxychlor	72-43-5	ug/L	8/16/2013	0.0333	n/a	ND	
MW-C	d	Toxaphene	8001-35-2	ug/L	8/16/2013	2.08	n/a	ND	
MW-C	d	Endrin aldehyde	7421-93-4	ug/L	8/16/2013	0.0333	n/a	ND	
MW-C	d	Chlordane	57-74-9	ug/L	8/16/2013	2.08	n/a	ND	
GU-4	d	Barium	7440-39-3	mg/L	9/11/2013	n/a	n/a		0.0283
GU-4BG	u	Barium	7440-39-3	mg/L	9/11/2013	n/a	n/a		0.0283
GU-3	d	Antimony	7440-36-0	mg/L	10/28/2013	0.006	n/a	ND	
GU-3	d	Arsenic	7440-38-2	mg/L	10/28/2013	n/a	n/a		0.00661
GU-3	d	Barium	7440-39-3	mg/L	10/28/2013	n/a	n/a		0.544
GU-3	d	Beryllium	7440-41-7	mg/L	10/28/2013	n/a	n/a		0.0024
GU-3	d	Cadmium	7440-43-9	mg/L	10/28/2013	n/a	n/a		0.00147
GU-3	d	Chromium	7440-47-3	mg/L	10/28/2013	n/a	n/a	J	0.0037
GU-3	d	Cobalt	7440-48-4	mg/L	10/28/2013	n/a	n/a		0.0256
GU-3	d	Copper	7440-50-8	mg/L	10/28/2013	0.02	n/a	ND	
GU-3	d	Lead	7439-92-1	mg/L	10/28/2013	n/a	n/a		0.0141
GU-3	d	Nickel	7440-02-0	mg/L	10/28/2013	n/a	n/a	J	0.0254
GU-3	d	Selenium	7782-49-2	mg/L	10/28/2013	0.005	n/a	ND	
GU-3	d	Silver	7440-22-4	mg/L	10/28/2013	0.02	n/a	ND	
GU-3	d	Thallium	7440-28-0	mg/L	10/28/2013	0.002	n/a	ND	
GU-3	d	Vanadium	7440-62-2	mg/L	10/28/2013	n/a	n/a	J	0.0322
GU-3	d	Zinc	7440-66-6	mg/L	10/28/2013	n/a	n/a		0.315
GU-3	d	Acetone	67-64-1	ug/L	10/28/2013	n/a	n/a	J	4.26
GU-3	d	Acrylonitrile	107-13-1	ug/L	10/28/2013	10	n/a	ND	
GU-3	d	Benzene	71-43-2	ug/L	10/28/2013	0.5	n/a	ND	
GU-3	d	Bromochloromethane	74-97-5	ug/L	10/28/2013	5	n/a	ND	
GU-3	d	Bromodichloromethane	75-27-4	ug/L	10/28/2013	1	n/a	ND	
GU-3	d	Bromoform	75-25-2	ug/L	10/28/2013	5	n/a	ND	
GU-3	d	Carbon disulfide	75-15-0	ug/L	10/28/2013	1	n/a	ND	
GU-3	d	Carbon Tetrachloride	56-23-5	ug/L	10/28/2013	2	n/a	ND	
GU-3	d	Chlorobenzene	108-90-7	ug/L	10/28/2013	1	n/a	ND	
GU-3	d	Chloroethane	75-00-3	ug/L	10/28/2013	4	n/a	ND	
GU-3	d	Chloroform	67-66-3	ug/L	10/28/2013	1	n/a	ND	
GU-3	d	Chlorodibromomethane	124-48-1	ug/L	10/28/2013	5	n/a	ND	
GU-3	d	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	10/28/2013	0.12	n/a	ND	
GU-3	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	10/28/2013	0.13	n/a	ND	
GU-3	d	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	10/28/2013	10	n/a	ND	
GU-3	d	1,1-Dichloroethane	75-34-3	ug/L	10/28/2013	1	n/a	ND	
GU-3	d	1,2-Dichloroethane	107-06-2	ug/L	10/28/2013	1	n/a	ND	
GU-3	d	1,1-Dichloroethene	75-35-4	ug/L	10/28/2013	2	n/a	ND	
GU-3	d	cis-1,2-Dichloroethene	156-59-2	ug/L	10/28/2013	1	n/a	ND	
GU-3	d	trans-1,2-Dichloroethene	156-60-5	ug/L	10/28/2013	1	n/a	ND	
GU-3	d	1,2-Dichloropropane	78-87-5	ug/L	10/28/2013	1	n/a	ND	
GU-3	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	10/28/2013	5	n/a	ND	

Table 9A
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Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
GU-3	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	10/28/2013	5	n/a	ND	
GU-3	d	1,2-Dichlorobenzene	95-50-1	ug/L	10/28/2013	1	n/a	ND	
GU-3	d	1,4-Dichlorobenzene	106-46-7	ug/L	10/28/2013	1	n/a	ND	
GU-3	d	Ethylbenzene	100-41-4	ug/L	10/28/2013	1	n/a	ND	
GU-3	d	2-Hexanone	591-78-6	ug/L	10/28/2013	10	n/a	ND	
GU-3	d	Bromomethane	74-83-9	ug/L	10/28/2013	4	n/a	ND	
GU-3	d	Chloromethane	74-87-3	ug/L	10/28/2013	3	n/a	ND	
GU-3	d	2-Butanone	78-93-3	ug/L	10/28/2013	10	n/a	ND	
GU-3	d	Iodomethane	74-88-4	ug/L	10/28/2013	10	n/a	ND	
GU-3	d	4-Methyl-2-pentanone	108-10-1	ug/L	10/28/2013	10	n/a	ND	
GU-3	d	Methylene Bromide	74-95-3	ug/L	10/28/2013	1	n/a	ND	
GU-3	d	Methylene Chloride	75-09-2	ug/L	10/28/2013	5	n/a	ND	
GU-3	d	Styrene	100-42-5	ug/L	10/28/2013	1	n/a	ND	
GU-3	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	10/28/2013	1	n/a	ND	
GU-3	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	10/28/2013	1	n/a	ND	
GU-3	d	Tetrachloroethene	127-18-4	ug/L	10/28/2013	1	n/a	ND	
GU-3	d	Toluene	108-88-3	ug/L	10/28/2013	1	n/a	ND	
GU-3	d	1,1,1-Trichloroethane	71-55-6	ug/L	10/28/2013	1	n/a	ND	
GU-3	d	1,1,2-Trichloroethane	79-00-5	ug/L	10/28/2013	1	n/a	ND	
GU-3	d	Trichloroethene	79-01-6	ug/L	10/28/2013	1	n/a	ND	
GU-3	d	Trichlorofluoromethane	75-69-4	ug/L	10/28/2013	4	n/a	ND	
GU-3	d	1,2,3-Trichloropropane	96-18-4	ug/L	10/28/2013	1	n/a	ND	
GU-3	d	Vinyl acetate	108-05-4	ug/L	10/28/2013	2	n/a	ND	
GU-3	d	Vinyl chloride	75-01-4	ug/L	10/28/2013	1	n/a	ND	
GU-3	d	Xylenes, total	1330-20-7	ug/L	10/28/2013	3	n/a	ND	
GU-3BG	u	Antimony	7440-36-0	mg/L	10/28/2013	0.006	n/a	ND	
GU-3BG	u	Arsenic	7440-38-2	mg/L	10/28/2013	n/a	n/a		0.00661
GU-3BG	u	Barium	7440-39-3	mg/L	10/28/2013	n/a	n/a		0.544
GU-3BG	u	Beryllium	7440-41-7	mg/L	10/28/2013	n/a	n/a		0.0024
GU-3BG	u	Cadmium	7440-43-9	mg/L	10/28/2013	n/a	n/a		0.00147
GU-3BG	u	Chromium	7440-47-3	mg/L	10/28/2013	n/a	n/a	J	0.0037
GU-3BG	u	Cobalt	7440-48-4	mg/L	10/28/2013	n/a	n/a		0.0256
GU-3BG	u	Copper	7440-50-8	mg/L	10/28/2013	0.02	n/a	ND	
GU-3BG	u	Lead	7439-92-1	mg/L	10/28/2013	n/a	n/a		0.0141
GU-3BG	u	Nickel	7440-02-0	mg/L	10/28/2013	n/a	n/a	J	0.0254
GU-3BG	u	Selenium	7782-49-2	mg/L	10/28/2013	0.005	n/a	ND	
GU-3BG	u	Silver	7440-22-4	mg/L	10/28/2013	0.02	n/a	ND	
GU-3BG	u	Thallium	7440-28-0	mg/L	10/28/2013	0.002	n/a	ND	
GU-3BG	u	Vanadium	7440-62-2	mg/L	10/28/2013	n/a	n/a	J	0.0322
GU-3BG	u	Zinc	7440-66-6	mg/L	10/28/2013	n/a	n/a		0.315
GU-3BG	u	Acetone	67-64-1	ug/L	10/28/2013	n/a	n/a	J	4.26
GU-3BG	u	Acrylonitrile	107-13-1	ug/L	10/28/2013	10	n/a	ND	
GU-3BG	u	Benzene	71-43-2	ug/L	10/28/2013	0.5	n/a	ND	
GU-3BG	u	Bromochloromethane	74-97-5	ug/L	10/28/2013	5	n/a	ND	
GU-3BG	u	Bromodichloromethane	75-27-4	ug/L	10/28/2013	1	n/a	ND	
GU-3BG	u	Bromoform	75-25-2	ug/L	10/28/2013	5	n/a	ND	
GU-3BG	u	Carbon disulfide	75-15-0	ug/L	10/28/2013	1	n/a	ND	
GU-3BG	u	Carbon Tetrachloride	56-23-5	ug/L	10/28/2013	2	n/a	ND	
GU-3BG	u	Chlorobenzene	108-90-7	ug/L	10/28/2013	1	n/a	ND	
GU-3BG	u	Chloroethane	75-00-3	ug/L	10/28/2013	4	n/a	ND	
GU-3BG	u	Chloroform	67-66-3	ug/L	10/28/2013	1	n/a	ND	
GU-3BG	u	Chlorodibromomethane	124-48-1	ug/L	10/28/2013	5	n/a	ND	
GU-3BG	u	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	10/28/2013	0.12	n/a	ND	
GU-3BG	u	1,2-Dibromoethane [EDB]	106-93-4	ug/L	10/28/2013	0.13	n/a	ND	
GU-3BG	u	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	10/28/2013	10	n/a	ND	
GU-3BG	u	1,1-Dichloroethane	75-34-3	ug/L	10/28/2013	1	n/a	ND	
GU-3BG	u	1,2-Dichloroethane	107-06-2	ug/L	10/28/2013	1	n/a	ND	
GU-3BG	u	1,1-Dichloroethene	75-35-4	ug/L	10/28/2013	2	n/a	ND	
GU-3BG	u	cis-1,2-Dichloroethene	156-59-2	ug/L	10/28/2013	1	n/a	ND	
GU-3BG	u	trans-1,2-Dichloroethene	156-60-5	ug/L	10/28/2013	1	n/a	ND	
GU-3BG	u	1,2-Dichloropropane	78-87-5	ug/L	10/28/2013	1	n/a	ND	
GU-3BG	u	cis-1,3-Dichloropropene	10061-01-5	ug/L	10/28/2013	5	n/a	ND	
GU-3BG	u	trans-1,3-Dichloropropene	10061-02-6	ug/L	10/28/2013	5	n/a	ND	
GU-3BG	u	1,2-Dichlorobenzene	95-50-1	ug/L	10/28/2013	1	n/a	ND	
GU-3BG	u	1,4-Dichlorobenzene	106-46-7	ug/L	10/28/2013	1	n/a	ND	
GU-3BG	u	Ethylbenzene	100-41-4	ug/L	10/28/2013	1	n/a	ND	
GU-3BG	u	2-Hexanone	591-78-6	ug/L	10/28/2013	10	n/a	ND	
GU-3BG	u	Bromomethane	74-83-9	ug/L	10/28/2013	4	n/a	ND	
GU-3BG	u	Chloromethane	74-87-3	ug/L	10/28/2013	3	n/a	ND	
GU-3BG	u	2-Butanone	78-93-3	ug/L	10/28/2013	10	n/a	ND	
GU-3BG	u	Iodomethane	74-88-4	ug/L	10/28/2013	10	n/a	ND	
GU-3BG	u	4-Methyl-2-pentanone	108-10-1	ug/L	10/28/2013	10	n/a	ND	
GU-3BG	u	Methylene Bromide	74-95-3	ug/L	10/28/2013	1	n/a	ND	
GU-3BG	u	Methylene Chloride	75-09-2	ug/L	10/28/2013	5	n/a	ND	
GU-3BG	u	Styrene	100-42-5	ug/L	10/28/2013	1	n/a	ND	

Table 9A
Analytical Data Summary - Phase II MSWLF
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Phase II MSWLF and CWTS
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
GU-3BG	u	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	10/28/2013	1	n/a	ND	
GU-3BG	u	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	10/28/2013	1	n/a	ND	
GU-3BG	u	Tetrachloroethene	127-18-4	ug/L	10/28/2013	1	n/a	ND	
GU-3BG	u	Toluene	108-88-3	ug/L	10/28/2013	1	n/a	ND	
GU-3BG	u	1,1,1-Trichloroethane	71-55-6	ug/L	10/28/2013	1	n/a	ND	
GU-3BG	u	1,1,2-Trichloroethane	79-00-5	ug/L	10/28/2013	1	n/a	ND	
GU-3BG	u	Trichloroethene	79-01-6	ug/L	10/28/2013	1	n/a	ND	
GU-3BG	u	Trichlorofluoromethane	75-69-4	ug/L	10/28/2013	4	n/a	ND	
GU-3BG	u	1,2,3-Trichloropropane	96-18-4	ug/L	10/28/2013	1	n/a	ND	
GU-3BG	u	Vinyl acetate	108-05-4	ug/L	10/28/2013	2	n/a	ND	
GU-3BG	u	Vinyl chloride	75-01-4	ug/L	10/28/2013	1	n/a	ND	
GU-3BG	u	Xylenes, total	1330-20-7	ug/L	10/28/2013	3	n/a	ND	
GU-4	d	Antimony	7440-36-0	mg/L	10/28/2013	0.006	n/a	ND	
GU-4	d	Arsenic	7440-38-2	mg/L	10/28/2013	0.001	n/a	ND	
GU-4	d	Barium	7440-39-3	mg/L	10/28/2013	n/a	n/a		0.0333
GU-4	d	Beryllium	7440-41-7	mg/L	10/28/2013	0.001	n/a	ND	
GU-4	d	Cadmium	7440-43-9	mg/L	10/28/2013	n/a	n/a	J	0.000206
GU-4	d	Chromium	7440-47-3	mg/L	10/28/2013	0.02	n/a	ND	
GU-4	d	Cobalt	7440-48-4	mg/L	10/28/2013	n/a	n/a		0.00156
GU-4	d	Copper	7440-50-8	mg/L	10/28/2013	0.02	n/a	ND	
GU-4	d	Lead	7439-92-1	mg/L	10/28/2013	n/a	n/a	J	0.00165
GU-4	d	Nickel	7440-02-0	mg/L	10/28/2013	0.05	n/a	ND	
GU-4	d	Selenium	7782-49-2	mg/L	10/28/2013	0.005	n/a	ND	
GU-4	d	Silver	7440-22-4	mg/L	10/28/2013	0.02	n/a	ND	
GU-4	d	Thallium	7440-28-0	mg/L	10/28/2013	0.002	n/a	ND	
GU-4	d	Vanadium	7440-62-2	mg/L	10/28/2013	0.05	n/a	ND	
GU-4	d	Zinc	7440-66-6	mg/L	10/28/2013	n/a	n/a		0.155
GU-4	d	Acetone	67-64-1	ug/L	10/28/2013	n/a	n/a		13.5
GU-4	d	Acrylonitrile	107-13-1	ug/L	10/28/2013	10	n/a	ND	
GU-4	d	Benzene	71-43-2	ug/L	10/28/2013	0.5	n/a	ND	
GU-4	d	Bromochloromethane	74-97-5	ug/L	10/28/2013	5	n/a	ND	
GU-4	d	Bromodichloromethane	75-27-4	ug/L	10/28/2013	1	n/a	ND	
GU-4	d	Bromoform	75-25-2	ug/L	10/28/2013	5	n/a	ND	
GU-4	d	Carbon disulfide	75-15-0	ug/L	10/28/2013	1	n/a	ND	
GU-4	d	Carbon Tetrachloride	56-23-5	ug/L	10/28/2013	2	n/a	ND	
GU-4	d	Chlorobenzene	108-90-7	ug/L	10/28/2013	1	n/a	ND	
GU-4	d	Chloroethane	75-00-3	ug/L	10/28/2013	4	n/a	ND	
GU-4	d	Chloroform	67-66-3	ug/L	10/28/2013	1	n/a	ND	
GU-4	d	Chlorodibromomethane	124-48-1	ug/L	10/28/2013	5	n/a	ND	
GU-4	d	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	10/28/2013	0.12	n/a	ND	
GU-4	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	10/28/2013	0.13	n/a	ND	
GU-4	d	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	10/28/2013	10	n/a	ND	
GU-4	d	1,1-Dichloroethane	75-34-3	ug/L	10/28/2013	1	n/a	ND	
GU-4	d	1,2-Dichloroethane	107-06-2	ug/L	10/28/2013	1	n/a	ND	
GU-4	d	1,1-Dichloroethene	75-35-4	ug/L	10/28/2013	2	n/a	ND	
GU-4	d	cis-1,2-Dichloroethene	156-59-2	ug/L	10/28/2013	1	n/a	ND	
GU-4	d	trans-1,2-Dichloroethene	156-60-5	ug/L	10/28/2013	1	n/a	ND	
GU-4	d	1,2-Dichloropropane	78-87-5	ug/L	10/28/2013	1	n/a	ND	
GU-4	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	10/28/2013	5	n/a	ND	
GU-4	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	10/28/2013	5	n/a	ND	
GU-4	d	1,2-Dichlorobenzene	95-50-1	ug/L	10/28/2013	1	n/a	ND	
GU-4	d	1,4-Dichlorobenzene	106-46-7	ug/L	10/28/2013	1	n/a	ND	
GU-4	d	Ethylbenzene	100-41-4	ug/L	10/28/2013	1	n/a	ND	
GU-4	d	2-Hexanone	591-78-6	ug/L	10/28/2013	10	n/a	ND	
GU-4	d	Bromomethane	74-83-9	ug/L	10/28/2013	4	n/a	ND	
GU-4	d	Chloromethane	74-87-3	ug/L	10/28/2013	3	n/a	ND	
GU-4	d	2-Butanone	78-93-3	ug/L	10/28/2013	10	n/a	ND	
GU-4	d	Iodomethane	74-88-4	ug/L	10/28/2013	10	n/a	ND	
GU-4	d	4-Methyl-2-pentanone	108-10-1	ug/L	10/28/2013	10	n/a	ND	
GU-4	d	Methylene Bromide	74-95-3	ug/L	10/28/2013	1	n/a	ND	
GU-4	d	Methylene Chloride	75-09-2	ug/L	10/28/2013	5	n/a	ND	
GU-4	d	Styrene	100-42-5	ug/L	10/28/2013	1	n/a	ND	
GU-4	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	10/28/2013	1	n/a	ND	
GU-4	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	10/28/2013	1	n/a	ND	
GU-4	d	Tetrachloroethene	127-18-4	ug/L	10/28/2013	1	n/a	ND	
GU-4	d	Toluene	108-88-3	ug/L	10/28/2013	1	n/a	ND	
GU-4	d	1,1,1-Trichloroethane	71-55-6	ug/L	10/28/2013	1	n/a	ND	
GU-4	d	1,1,2-Trichloroethane	79-00-5	ug/L	10/28/2013	1	n/a	ND	
GU-4	d	Trichloroethene	79-01-6	ug/L	10/28/2013	1	n/a	ND	
GU-4	d	Trichlorofluoromethane	75-69-4	ug/L	10/28/2013	4	n/a	ND	
GU-4	d	1,2,3-Trichloropropane	96-18-4	ug/L	10/28/2013	1	n/a	ND	
GU-4	d	Vinyl acetate	108-05-4	ug/L	10/28/2013	2	n/a	ND	
GU-4	d	Vinyl chloride	75-01-4	ug/L	10/28/2013	1	n/a	ND	
GU-4	d	Xylenes, total	1330-20-7	ug/L	10/28/2013	3	n/a	ND	
GU-4BG	u	Antimony	7440-36-0	mg/L	10/28/2013	0.006	n/a	ND	

Table 9A
Analytical Data Summary - Phase II MSWLF
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Phase II MSWLF and CWTS
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
GU-4BG	u	Arsenic	7440-38-2	mg/L	10/28/2013	0.001	n/a	ND	
GU-4BG	u	Barium	7440-39-3	mg/L	10/28/2013	n/a	n/a		0.0333
GU-4BG	u	Beryllium	7440-41-7	mg/L	10/28/2013	0.001	n/a	ND	
GU-4BG	u	Cadmium	7440-43-9	mg/L	10/28/2013	n/a	n/a	J	0.000206
GU-4BG	u	Chromium	7440-47-3	mg/L	10/28/2013	0.02	n/a	ND	
GU-4BG	u	Cobalt	7440-48-4	mg/L	10/28/2013	n/a	n/a		0.00156
GU-4BG	u	Copper	7440-50-8	mg/L	10/28/2013	0.02	n/a	ND	
GU-4BG	u	Lead	7439-92-1	mg/L	10/28/2013	n/a	n/a	J	0.00165
GU-4BG	u	Nickel	7440-02-0	mg/L	10/28/2013	0.05	n/a	ND	
GU-4BG	u	Selenium	7782-49-2	mg/L	10/28/2013	0.005	n/a	ND	
GU-4BG	u	Silver	7440-22-4	mg/L	10/28/2013	0.02	n/a	ND	
GU-4BG	u	Thallium	7440-28-0	mg/L	10/28/2013	0.002	n/a	ND	
GU-4BG	u	Vanadium	7440-62-2	mg/L	10/28/2013	0.05	n/a	ND	
GU-4BG	u	Zinc	7440-66-6	mg/L	10/28/2013	n/a	n/a		0.155
GU-4BG	u	Acetone	67-64-1	ug/L	10/28/2013	n/a	n/a		13.5
GU-4BG	u	Acrylonitrile	107-13-1	ug/L	10/28/2013	10	n/a	ND	
GU-4BG	u	Benzene	71-43-2	ug/L	10/28/2013	0.5	n/a	ND	
GU-4BG	u	Bromochloromethane	74-97-5	ug/L	10/28/2013	5	n/a	ND	
GU-4BG	u	Bromodichloromethane	75-27-4	ug/L	10/28/2013	1	n/a	ND	
GU-4BG	u	Bromoform	75-25-2	ug/L	10/28/2013	5	n/a	ND	
GU-4BG	u	Carbon disulfide	75-15-0	ug/L	10/28/2013	1	n/a	ND	
GU-4BG	u	Carbon Tetrachloride	56-23-5	ug/L	10/28/2013	2	n/a	ND	
GU-4BG	u	Chlorobenzene	108-90-7	ug/L	10/28/2013	1	n/a	ND	
GU-4BG	u	Chloroethane	75-00-3	ug/L	10/28/2013	4	n/a	ND	
GU-4BG	u	Chloroform	67-66-3	ug/L	10/28/2013	1	n/a	ND	
GU-4BG	u	Chlorodibromomethane	124-48-1	ug/L	10/28/2013	5	n/a	ND	
GU-4BG	u	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	10/28/2013	0.12	n/a	ND	
GU-4BG	u	1,2-Dibromoethane [EDB]	106-93-4	ug/L	10/28/2013	0.13	n/a	ND	
GU-4BG	u	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	10/28/2013	10	n/a	ND	
GU-4BG	u	1,1-Dichloroethane	75-34-3	ug/L	10/28/2013	1	n/a	ND	
GU-4BG	u	1,2-Dichloroethane	107-06-2	ug/L	10/28/2013	1	n/a	ND	
GU-4BG	u	1,1-Dichloroethene	75-35-4	ug/L	10/28/2013	2	n/a	ND	
GU-4BG	u	cis-1,2-Dichloroethene	156-59-2	ug/L	10/28/2013	1	n/a	ND	
GU-4BG	u	trans-1,2-Dichloroethene	156-60-5	ug/L	10/28/2013	1	n/a	ND	
GU-4BG	u	1,2-Dichloropropane	78-87-5	ug/L	10/28/2013	1	n/a	ND	
GU-4BG	u	cis-1,3-Dichloropropene	10061-01-5	ug/L	10/28/2013	5	n/a	ND	
GU-4BG	u	trans-1,3-Dichloropropene	10061-02-6	ug/L	10/28/2013	5	n/a	ND	
GU-4BG	u	1,2-Dichlorobenzene	95-50-1	ug/L	10/28/2013	1	n/a	ND	
GU-4BG	u	1,4-Dichlorobenzene	106-46-7	ug/L	10/28/2013	1	n/a	ND	
GU-4BG	u	Ethylbenzene	100-41-4	ug/L	10/28/2013	1	n/a	ND	
GU-4BG	u	2-Hexanone	591-78-6	ug/L	10/28/2013	10	n/a	ND	
GU-4BG	u	Bromomethane	74-83-9	ug/L	10/28/2013	4	n/a	ND	
GU-4BG	u	Chloromethane	74-87-3	ug/L	10/28/2013	3	n/a	ND	
GU-4BG	u	2-Butanone	78-93-3	ug/L	10/28/2013	10	n/a	ND	
GU-4BG	u	Iodomethane	74-88-4	ug/L	10/28/2013	10	n/a	ND	
GU-4BG	u	4-Methyl-2-pentanone	108-10-1	ug/L	10/28/2013	10	n/a	ND	
GU-4BG	u	Methylene Bromide	74-95-3	ug/L	10/28/2013	1	n/a	ND	
GU-4BG	u	Methylene Chloride	75-09-2	ug/L	10/28/2013	5	n/a	ND	
GU-4BG	u	Styrene	100-42-5	ug/L	10/28/2013	1	n/a	ND	
GU-4BG	u	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	10/28/2013	1	n/a	ND	
GU-4BG	u	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	10/28/2013	1	n/a	ND	
GU-4BG	u	Tetrachloroethene	127-18-4	ug/L	10/28/2013	1	n/a	ND	
GU-4BG	u	Toluene	108-88-3	ug/L	10/28/2013	1	n/a	ND	
GU-4BG	u	1,1,1-Trichloroethane	71-55-6	ug/L	10/28/2013	1	n/a	ND	
GU-4BG	u	1,1,2-Trichloroethane	79-00-5	ug/L	10/28/2013	1	n/a	ND	
GU-4BG	u	Trichloroethene	79-01-6	ug/L	10/28/2013	1	n/a	ND	
GU-4BG	u	Trichlorofluoromethane	75-69-4	ug/L	10/28/2013	4	n/a	ND	
GU-4BG	u	1,2,3-Trichloropropane	96-18-4	ug/L	10/28/2013	1	n/a	ND	
GU-4BG	u	Vinyl acetate	108-05-4	ug/L	10/28/2013	2	n/a	ND	
GU-4BG	u	Vinyl chloride	75-01-4	ug/L	10/28/2013	1	n/a	ND	
GU-4BG	u	Xylenes, total	1330-20-7	ug/L	10/28/2013	3	n/a	ND	
GU-5	d	Antimony	7440-36-0	mg/L	10/28/2013	0.006	n/a	ND	
GU-5	d	Arsenic	7440-38-2	mg/L	10/28/2013	n/a	n/a		0.00126
GU-5	d	Barium	7440-39-3	mg/L	10/28/2013	n/a	n/a		0.396
GU-5	d	Beryllium	7440-41-7	mg/L	10/28/2013	0.001	n/a	ND	
GU-5	d	Cadmium	7440-43-9	mg/L	10/28/2013	n/a	n/a	J	0.000083
GU-5	d	Chromium	7440-47-3	mg/L	10/28/2013	0.02	n/a	ND	
GU-5	d	Cobalt	7440-48-4	mg/L	10/28/2013	n/a	n/a		0.00384
GU-5	d	Copper	7440-50-8	mg/L	10/28/2013	0.02	n/a	ND	
GU-5	d	Lead	7439-92-1	mg/L	10/28/2013	n/a	n/a	J	0.00163
GU-5	d	Nickel	7440-02-0	mg/L	10/28/2013	0.05	n/a	ND	
GU-5	d	Selenium	7782-49-2	mg/L	10/28/2013	0.005	n/a	ND	
GU-5	d	Silver	7440-22-4	mg/L	10/28/2013	0.02	n/a	ND	
GU-5	d	Thallium	7440-28-0	mg/L	10/28/2013	0.002	n/a	ND	
GU-5	d	Vanadium	7440-62-2	mg/L	10/28/2013	0.05	n/a	ND	

Table 9A
Analytical Data Summary - Phase II MSWLF
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Phase II MSWLF and CWTS
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Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
GU-5	d	Zinc	7440-66-6	mg/L	10/28/2013	n/a	n/a		0.104
GU-5	d	Acetone	67-64-1	ug/L	10/28/2013	n/a	n/a	J	8.16
GU-5	d	Acrylonitrile	107-13-1	ug/L	10/28/2013	10	n/a	ND	
GU-5	d	Benzene	71-43-2	ug/L	10/28/2013	0.5	n/a	ND	
GU-5	d	Bromochloromethane	74-97-5	ug/L	10/28/2013	5	n/a	ND	
GU-5	d	Bromodichloromethane	75-27-4	ug/L	10/28/2013	1	n/a	ND	
GU-5	d	Bromoform	75-25-2	ug/L	10/28/2013	5	n/a	ND	
GU-5	d	Carbon disulfide	75-15-0	ug/L	10/28/2013	1	n/a	ND	
GU-5	d	Carbon Tetrachloride	56-23-5	ug/L	10/28/2013	2	n/a	ND	
GU-5	d	Chlorobenzene	108-90-7	ug/L	10/28/2013	1	n/a	ND	
GU-5	d	Chloroethane	75-00-3	ug/L	10/28/2013	4	n/a	ND	
GU-5	d	Chloroform	67-66-3	ug/L	10/28/2013	1	n/a	ND	
GU-5	d	Chlorodibromomethane	124-48-1	ug/L	10/28/2013	5	n/a	ND	
GU-5	d	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	10/28/2013	0.12	n/a	ND	
GU-5	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	10/28/2013	0.13	n/a	ND	
GU-5	d	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	10/28/2013	10	n/a	ND	
GU-5	d	1,1-Dichloroethane	75-34-3	ug/L	10/28/2013	1	n/a	ND	
GU-5	d	1,2-Dichloroethane	107-06-2	ug/L	10/28/2013	1	n/a	ND	
GU-5	d	1,1-Dichloroethene	75-35-4	ug/L	10/28/2013	2	n/a	ND	
GU-5	d	cis-1,2-Dichloroethene	156-59-2	ug/L	10/28/2013	1	n/a	ND	
GU-5	d	trans-1,2-Dichloroethene	156-60-5	ug/L	10/28/2013	1	n/a	ND	
GU-5	d	1,2-Dichloropropane	78-87-5	ug/L	10/28/2013	1	n/a	ND	
GU-5	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	10/28/2013	5	n/a	ND	
GU-5	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	10/28/2013	5	n/a	ND	
GU-5	d	1,2-Dichlorobenzene	95-50-1	ug/L	10/28/2013	1	n/a	ND	
GU-5	d	1,4-Dichlorobenzene	106-46-7	ug/L	10/28/2013	1	n/a	ND	
GU-5	d	Ethylbenzene	100-41-4	ug/L	10/28/2013	1	n/a	ND	
GU-5	d	2-Hexanone	591-78-6	ug/L	10/28/2013	10	n/a	ND	
GU-5	d	Bromomethane	74-83-9	ug/L	10/28/2013	4	n/a	ND	
GU-5	d	Chloromethane	74-87-3	ug/L	10/28/2013	3	n/a	ND	
GU-5	d	2-Butanone	78-93-3	ug/L	10/28/2013	10	n/a	ND	
GU-5	d	Iodomethane	74-88-4	ug/L	10/28/2013	10	n/a	ND	
GU-5	d	4-Methyl-2-pentanone	108-10-1	ug/L	10/28/2013	10	n/a	ND	
GU-5	d	Methylene Bromide	74-95-3	ug/L	10/28/2013	1	n/a	ND	
GU-5	d	Methylene Chloride	75-09-2	ug/L	10/28/2013	5	n/a	ND	
GU-5	d	Styrene	100-42-5	ug/L	10/28/2013	1	n/a	ND	
GU-5	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	10/28/2013	1	n/a	ND	
GU-5	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	10/28/2013	1	n/a	ND	
GU-5	d	Tetrachloroethene	127-18-4	ug/L	10/28/2013	1	n/a	ND	
GU-5	d	Toluene	108-88-3	ug/L	10/28/2013	1	n/a	ND	
GU-5	d	1,1,1-Trichloroethane	71-55-6	ug/L	10/28/2013	1	n/a	ND	
GU-5	d	1,1,2-Trichloroethane	79-00-5	ug/L	10/28/2013	1	n/a	ND	
GU-5	d	Trichloroethene	79-01-6	ug/L	10/28/2013	1	n/a	ND	
GU-5	d	Trichlorofluoromethane	75-69-4	ug/L	10/28/2013	4	n/a	ND	
GU-5	d	1,2,3-Trichloropropane	96-18-4	ug/L	10/28/2013	1	n/a	ND	
GU-5	d	Vinyl acetate	108-05-4	ug/L	10/28/2013	2	n/a	ND	
GU-5	d	Vinyl chloride	75-01-4	ug/L	10/28/2013	1	n/a	ND	
GU-5	d	Xylenes, total	1330-20-7	ug/L	10/28/2013	3	n/a	ND	
GU-5BG	u	Antimony	7440-36-0	mg/L	10/28/2013	0.006	n/a	ND	
GU-5BG	u	Arsenic	7440-38-2	mg/L	10/28/2013	n/a	n/a		0.00126
GU-5BG	u	Barium	7440-39-3	mg/L	10/28/2013	n/a	n/a		0.396
GU-5BG	u	Beryllium	7440-41-7	mg/L	10/28/2013	0.001	n/a	ND	
GU-5BG	u	Cadmium	7440-43-9	mg/L	10/28/2013	n/a	n/a	J	0.000083
GU-5BG	u	Chromium	7440-47-3	mg/L	10/28/2013	0.02	n/a	ND	
GU-5BG	u	Cobalt	7440-48-4	mg/L	10/28/2013	n/a	n/a		0.00384
GU-5BG	u	Copper	7440-50-8	mg/L	10/28/2013	0.02	n/a	ND	
GU-5BG	u	Lead	7439-92-1	mg/L	10/28/2013	n/a	n/a	J	0.00163
GU-5BG	u	Nickel	7440-02-0	mg/L	10/28/2013	0.05	n/a	ND	
GU-5BG	u	Selenium	7782-49-2	mg/L	10/28/2013	0.005	n/a	ND	
GU-5BG	u	Silver	7440-22-4	mg/L	10/28/2013	0.02	n/a	ND	
GU-5BG	u	Thallium	7440-28-0	mg/L	10/28/2013	0.002	n/a	ND	
GU-5BG	u	Vanadium	7440-62-2	mg/L	10/28/2013	0.05	n/a	ND	
GU-5BG	u	Zinc	7440-66-6	mg/L	10/28/2013	n/a	n/a		0.104
GU-5BG	u	Acetone	67-64-1	ug/L	10/28/2013	n/a	n/a	J	8.16
GU-5BG	u	Acrylonitrile	107-13-1	ug/L	10/28/2013	10	n/a	ND	
GU-5BG	u	Benzene	71-43-2	ug/L	10/28/2013	0.5	n/a	ND	
GU-5BG	u	Bromochloromethane	74-97-5	ug/L	10/28/2013	5	n/a	ND	
GU-5BG	u	Bromodichloromethane	75-27-4	ug/L	10/28/2013	1	n/a	ND	
GU-5BG	u	Bromoform	75-25-2	ug/L	10/28/2013	5	n/a	ND	
GU-5BG	u	Carbon disulfide	75-15-0	ug/L	10/28/2013	1	n/a	ND	
GU-5BG	u	Carbon Tetrachloride	56-23-5	ug/L	10/28/2013	2	n/a	ND	
GU-5BG	u	Chlorobenzene	108-90-7	ug/L	10/28/2013	1	n/a	ND	
GU-5BG	u	Chloroethane	75-00-3	ug/L	10/28/2013	4	n/a	ND	
GU-5BG	u	Chloroform	67-66-3	ug/L	10/28/2013	1	n/a	ND	
GU-5BG	u	Chlorodibromomethane	124-48-1	ug/L	10/28/2013	5	n/a	ND	

Table 9A
Analytical Data Summary - Phase II MSWLF
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Phase II MSWLF and CWTS
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Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
GU-5BG	u	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	10/28/2013	0.12	n/a	ND	
GU-5BG	u	1,2-Dibromoethane [EDB]	106-93-4	ug/L	10/28/2013	0.13	n/a	ND	
GU-5BG	u	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	10/28/2013	10	n/a	ND	
GU-5BG	u	1,1-Dichloroethane	75-34-3	ug/L	10/28/2013	1	n/a	ND	
GU-5BG	u	1,2-Dichloroethane	107-06-2	ug/L	10/28/2013	1	n/a	ND	
GU-5BG	u	1,1-Dichloroethene	75-35-4	ug/L	10/28/2013	2	n/a	ND	
GU-5BG	u	cis-1,2-Dichloroethene	156-59-2	ug/L	10/28/2013	1	n/a	ND	
GU-5BG	u	trans-1,2-Dichloroethene	156-60-5	ug/L	10/28/2013	1	n/a	ND	
GU-5BG	u	1,2-Dichloropropane	78-87-5	ug/L	10/28/2013	1	n/a	ND	
GU-5BG	u	cis-1,3-Dichloropropene	10061-01-5	ug/L	10/28/2013	5	n/a	ND	
GU-5BG	u	trans-1,3-Dichloropropene	10061-02-6	ug/L	10/28/2013	5	n/a	ND	
GU-5BG	u	1,2-Dichlorobenzene	95-50-1	ug/L	10/28/2013	1	n/a	ND	
GU-5BG	u	1,4-Dichlorobenzene	106-46-7	ug/L	10/28/2013	1	n/a	ND	
GU-5BG	u	Ethylbenzene	100-41-4	ug/L	10/28/2013	1	n/a	ND	
GU-5BG	u	2-Hexanone	591-78-6	ug/L	10/28/2013	10	n/a	ND	
GU-5BG	u	Bromomethane	74-83-9	ug/L	10/28/2013	4	n/a	ND	
GU-5BG	u	Chloromethane	74-87-3	ug/L	10/28/2013	3	n/a	ND	
GU-5BG	u	2-Butanone	78-93-3	ug/L	10/28/2013	10	n/a	ND	
GU-5BG	u	Iodomethane	74-88-4	ug/L	10/28/2013	10	n/a	ND	
GU-5BG	u	4-Methyl-2-pentanone	108-10-1	ug/L	10/28/2013	10	n/a	ND	
GU-5BG	u	Methylene Bromide	74-95-3	ug/L	10/28/2013	1	n/a	ND	
GU-5BG	u	Methylene Chloride	75-09-2	ug/L	10/28/2013	5	n/a	ND	
GU-5BG	u	Styrene	100-42-5	ug/L	10/28/2013	1	n/a	ND	
GU-5BG	u	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	10/28/2013	1	n/a	ND	
GU-5BG	u	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	10/28/2013	1	n/a	ND	
GU-5BG	u	Tetrachloroethene	127-18-4	ug/L	10/28/2013	1	n/a	ND	
GU-5BG	u	Toluene	108-88-3	ug/L	10/28/2013	1	n/a	ND	
GU-5BG	u	1,1,1-Trichloroethane	71-55-6	ug/L	10/28/2013	1	n/a	ND	
GU-5BG	u	1,1,2-Trichloroethane	79-00-5	ug/L	10/28/2013	1	n/a	ND	
GU-5BG	u	Trichloroethene	79-01-6	ug/L	10/28/2013	1	n/a	ND	
GU-5BG	u	Trichlorofluoromethane	75-69-4	ug/L	10/28/2013	4	n/a	ND	
GU-5BG	u	1,2,3-Trichloropropane	96-18-4	ug/L	10/28/2013	1	n/a	ND	
GU-5BG	u	Vinyl acetate	108-05-4	ug/L	10/28/2013	2	n/a	ND	
GU-5BG	u	Vinyl chloride	75-01-4	ug/L	10/28/2013	1	n/a	ND	
GU-5BG	u	Xylenes, total	1330-20-7	ug/L	10/28/2013	3	n/a	ND	
MW-26	u	Antimony	7440-36-0	mg/L	10/28/2013	0.006	n/a	ND	
MW-26	u	Arsenic	7440-38-2	mg/L	10/28/2013	0.001	n/a	ND	
MW-26	u	Barium	7440-39-3	mg/L	10/28/2013	n/a	n/a		0.0582
MW-26	u	Beryllium	7440-41-7	mg/L	10/28/2013	0.001	n/a	ND	
MW-26	u	Cadmium	7440-43-9	mg/L	10/28/2013	0.0005	n/a	ND	
MW-26	u	Chromium	7440-47-3	mg/L	10/28/2013	n/a	n/a		0.021
MW-26	u	Cobalt	7440-48-4	mg/L	10/28/2013	n/a	n/a		0.00362
MW-26	u	Copper	7440-50-8	mg/L	10/28/2013	0.02	n/a	ND	
MW-26	u	Lead	7439-92-1	mg/L	10/28/2013	0.004	n/a	ND	
MW-26	u	Nickel	7440-02-0	mg/L	10/28/2013	0.05	n/a	ND	
MW-26	u	Selenium	7782-49-2	mg/L	10/28/2013	n/a	n/a		0.0444
MW-26	u	Silver	7440-22-4	mg/L	10/28/2013	0.02	n/a	ND	
MW-26	u	Thallium	7440-28-0	mg/L	10/28/2013	0.002	n/a	ND	
MW-26	u	Vanadium	7440-62-2	mg/L	10/28/2013	0.05	n/a	ND	
MW-26	u	Zinc	7440-66-6	mg/L	10/28/2013	n/a	n/a		0.0979
MW-B	d	Antimony	7440-36-0	mg/L	10/28/2013	0.006	n/a	ND	
MW-B	d	Arsenic	7440-38-2	mg/L	10/28/2013	n/a	n/a	J	0.000299
MW-B	d	Barium	7440-39-3	mg/L	10/28/2013	n/a	n/a		0.0536
MW-B	d	Beryllium	7440-41-7	mg/L	10/28/2013	0.001	n/a	ND	
MW-B	d	Cadmium	7440-43-9	mg/L	10/28/2013	0.0005	n/a	ND	
MW-B	d	Chromium	7440-47-3	mg/L	10/28/2013	0.02	n/a	ND	
MW-B	d	Cobalt	7440-48-4	mg/L	10/28/2013	n/a	n/a		0.00314
MW-B	d	Copper	7440-50-8	mg/L	10/28/2013	n/a	n/a	J	0.00309
MW-B	d	Lead	7439-92-1	mg/L	10/28/2013	n/a	n/a	J	0.0019
MW-B	d	Nickel	7440-02-0	mg/L	10/28/2013	0.05	n/a	ND	
MW-B	d	Selenium	7782-49-2	mg/L	10/28/2013	0.005	n/a	ND	
MW-B	d	Silver	7440-22-4	mg/L	10/28/2013	0.02	n/a	ND	
MW-B	d	Thallium	7440-28-0	mg/L	10/28/2013	0.002	n/a	ND	
MW-B	d	Vanadium	7440-62-2	mg/L	10/28/2013	0.05	n/a	ND	
MW-B	d	Zinc	7440-66-6	mg/L	10/28/2013	n/a	n/a		0.152
MW-B	d	Acetone	67-64-1	ug/L	10/28/2013	n/a	n/a	J	4.88
MW-B	d	Acrylonitrile	107-13-1	ug/L	10/28/2013	10	n/a	ND	
MW-B	d	Benzene	71-43-2	ug/L	10/28/2013	0.5	n/a	ND	
MW-B	d	Bromochloromethane	74-97-5	ug/L	10/28/2013	5	n/a	ND	
MW-B	d	Bromodichloromethane	75-27-4	ug/L	10/28/2013	1	n/a	ND	
MW-B	d	Bromoform	75-25-2	ug/L	10/28/2013	5	n/a	ND	
MW-B	d	Carbon disulfide	75-15-0	ug/L	10/28/2013	1	n/a	ND	
MW-B	d	Carbon Tetrachloride	56-23-5	ug/L	10/28/2013	2	n/a	ND	
MW-B	d	Chlorobenzene	108-90-7	ug/L	10/28/2013	1	n/a	ND	
MW-B	d	Chloroethane	75-00-3	ug/L	10/28/2013	4	n/a	ND	

Table 9A
Analytical Data Summary - Phase II MSWLF
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Phase II MSWLF and CWTS
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Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-B	d	Chloroform	67-66-3	ug/L	10/28/2013	1	n/a	ND	
MW-B	d	Chlorodibromomethane	124-48-1	ug/L	10/28/2013	5	n/a	ND	
MW-B	d	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	10/28/2013	0.12	n/a	ND	
MW-B	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	10/28/2013	0.13	n/a	ND	
MW-B	d	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	10/28/2013	10	n/a	ND	
MW-B	d	1,1-Dichloroethane	75-34-3	ug/L	10/28/2013	1	n/a	ND	
MW-B	d	1,2-Dichloroethane	107-06-2	ug/L	10/28/2013	1	n/a	ND	
MW-B	d	1,1-Dichloroethene	75-35-4	ug/L	10/28/2013	2	n/a	ND	
MW-B	d	cis-1,2-Dichloroethene	156-59-2	ug/L	10/28/2013	n/a	n/a	J	0.158
MW-B	d	trans-1,2-Dichloroethene	156-60-5	ug/L	10/28/2013	1	n/a	ND	
MW-B	d	1,2-Dichloropropane	78-87-5	ug/L	10/28/2013	1	n/a	ND	
MW-B	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	10/28/2013	5	n/a	ND	
MW-B	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	10/28/2013	5	n/a	ND	
MW-B	d	1,2-Dichlorobenzene	95-50-1	ug/L	10/28/2013	1	n/a	ND	
MW-B	d	1,4-Dichlorobenzene	106-46-7	ug/L	10/28/2013	1	n/a	ND	
MW-B	d	Ethylbenzene	100-41-4	ug/L	10/28/2013	1	n/a	ND	
MW-B	d	2-Hexanone	591-78-6	ug/L	10/28/2013	10	n/a	ND	
MW-B	d	Bromomethane	74-83-9	ug/L	10/28/2013	4	n/a	ND	
MW-B	d	Chloromethane	74-87-3	ug/L	10/28/2013	3	n/a	ND	
MW-B	d	2-Butanone	78-93-3	ug/L	10/28/2013	10	n/a	ND	
MW-B	d	Iodomethane	74-88-4	ug/L	10/28/2013	10	n/a	ND	
MW-B	d	4-Methyl-2-pentanone	108-10-1	ug/L	10/28/2013	10	n/a	ND	
MW-B	d	Methylene Bromide	74-95-3	ug/L	10/28/2013	1	n/a	ND	
MW-B	d	Methylene Chloride	75-09-2	ug/L	10/28/2013	5	n/a	ND	
MW-B	d	Styrene	100-42-5	ug/L	10/28/2013	1	n/a	ND	
MW-B	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	10/28/2013	1	n/a	ND	
MW-B	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	10/28/2013	1	n/a	ND	
MW-B	d	Tetrachloroethene	127-18-4	ug/L	10/28/2013	1	n/a	ND	
MW-B	d	Toluene	108-88-3	ug/L	10/28/2013	1	n/a	ND	
MW-B	d	1,1,1-Trichloroethane	71-55-6	ug/L	10/28/2013	1	n/a	ND	
MW-B	d	1,1,2-Trichloroethane	79-00-5	ug/L	10/28/2013	1	n/a	ND	
MW-B	d	Trichloroethene	79-01-6	ug/L	10/28/2013	n/a	n/a	J	0.22
MW-B	d	Trichlorofluoromethane	75-69-4	ug/L	10/28/2013	4	n/a	ND	
MW-B	d	1,2,3-Trichloropropane	96-18-4	ug/L	10/28/2013	1	n/a	ND	
MW-B	d	Vinyl acetate	108-05-4	ug/L	10/28/2013	2	n/a	ND	
MW-B	d	Vinyl chloride	75-01-4	ug/L	10/28/2013	1	n/a	ND	
MW-B	d	Xylenes, total	1330-20-7	ug/L	10/28/2013	3	n/a	ND	
MW-C	d	Antimony	7440-36-0	mg/L	10/28/2013	0.006	n/a	ND	
MW-C	d	Arsenic	7440-38-2	mg/L	10/28/2013	0.001	n/a	ND	
MW-C	d	Barium	7440-39-3	mg/L	10/28/2013	n/a	n/a		0.249
MW-C	d	Beryllium	7440-41-7	mg/L	10/28/2013	0.001	n/a	ND	
MW-C	d	Cadmium	7440-43-9	mg/L	10/28/2013	0.0005	n/a	ND	
MW-C	d	Chromium	7440-47-3	mg/L	10/28/2013	0.02	n/a	ND	
MW-C	d	Cobalt	7440-48-4	mg/L	10/28/2013	0.00132	n/a	ND	
MW-C	d	Copper	7440-50-8	mg/L	10/28/2013	0.02	n/a	ND	
MW-C	d	Lead	7439-92-1	mg/L	10/28/2013	0.004	n/a	ND	
MW-C	d	Nickel	7440-02-0	mg/L	10/28/2013	0.05	n/a	ND	
MW-C	d	Selenium	7782-49-2	mg/L	10/28/2013	n/a	n/a	J	0.00155
MW-C	d	Silver	7440-22-4	mg/L	10/28/2013	0.02	n/a	ND	
MW-C	d	Thallium	7440-28-0	mg/L	10/28/2013	0.002	n/a	ND	
MW-C	d	Vanadium	7440-62-2	mg/L	10/28/2013	0.05	n/a	ND	
MW-C	d	Zinc	7440-66-6	mg/L	10/28/2013	n/a	n/a		0.0626
MW-C	d	Acetone	67-64-1	ug/L	10/28/2013	n/a	n/a	J	6.5
MW-C	d	Acrylonitrile	107-13-1	ug/L	10/28/2013	10	n/a	ND	
MW-C	d	Benzene	71-43-2	ug/L	10/28/2013	0.5	n/a	ND	
MW-C	d	Bromochloromethane	74-97-5	ug/L	10/28/2013	5	n/a	ND	
MW-C	d	Bromodichloromethane	75-27-4	ug/L	10/28/2013	1	n/a	ND	
MW-C	d	Bromoform	75-25-2	ug/L	10/28/2013	5	n/a	ND	
MW-C	d	Carbon disulfide	75-15-0	ug/L	10/28/2013	1	n/a	ND	
MW-C	d	Carbon Tetrachloride	56-23-5	ug/L	10/28/2013	2	n/a	ND	
MW-C	d	Chlorobenzene	108-90-7	ug/L	10/28/2013	1	n/a	ND	
MW-C	d	Chloroethane	75-00-3	ug/L	10/28/2013	4	n/a	ND	
MW-C	d	Chloroform	67-66-3	ug/L	10/28/2013	1	n/a	ND	
MW-C	d	Chlorodibromomethane	124-48-1	ug/L	10/28/2013	5	n/a	ND	
MW-C	d	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	10/28/2013	0.12	n/a	ND	
MW-C	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	10/28/2013	0.13	n/a	ND	
MW-C	d	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	10/28/2013	10	n/a	ND	
MW-C	d	1,1-Dichloroethane	75-34-3	ug/L	10/28/2013	1	n/a	ND	
MW-C	d	1,2-Dichloroethane	107-06-2	ug/L	10/28/2013	1	n/a	ND	
MW-C	d	1,1-Dichloroethene	75-35-4	ug/L	10/28/2013	2	n/a	ND	
MW-C	d	cis-1,2-Dichloroethene	156-59-2	ug/L	10/28/2013	1	n/a	ND	
MW-C	d	trans-1,2-Dichloroethene	156-60-5	ug/L	10/28/2013	1	n/a	ND	
MW-C	d	1,2-Dichloropropane	78-87-5	ug/L	10/28/2013	1	n/a	ND	
MW-C	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	10/28/2013	5	n/a	ND	
MW-C	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	10/28/2013	5	n/a	ND	

Table 9A
Analytical Data Summary - Phase II MSWLF
2024 Annual Water Quality Report
Phase II MSWLF and CWTS
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-C	d	1,2-Dichlorobenzene	95-50-1	ug/L	10/28/2013	1	n/a	ND	
MW-C	d	1,4-Dichlorobenzene	106-46-7	ug/L	10/28/2013	1	n/a	ND	
MW-C	d	Ethylbenzene	100-41-4	ug/L	10/28/2013	1	n/a	ND	
MW-C	d	2-Hexanone	591-78-6	ug/L	10/28/2013	10	n/a	ND	
MW-C	d	Bromomethane	74-83-9	ug/L	10/28/2013	4	n/a	ND	
MW-C	d	Chloromethane	74-87-3	ug/L	10/28/2013	3	n/a	ND	
MW-C	d	2-Butanone	78-93-3	ug/L	10/28/2013	10	n/a	ND	
MW-C	d	Iodomethane	74-88-4	ug/L	10/28/2013	10	n/a	ND	
MW-C	d	4-Methyl-2-pentanone	108-10-1	ug/L	10/28/2013	10	n/a	ND	
MW-C	d	Methylene Bromide	74-95-3	ug/L	10/28/2013	1	n/a	ND	
MW-C	d	Methylene Chloride	75-09-2	ug/L	10/28/2013	5	n/a	ND	
MW-C	d	Styrene	100-42-5	ug/L	10/28/2013	1	n/a	ND	
MW-C	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	10/28/2013	1	n/a	ND	
MW-C	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	10/28/2013	1	n/a	ND	
MW-C	d	Tetrachloroethene	127-18-4	ug/L	10/28/2013	1	n/a	ND	
MW-C	d	Toluene	108-88-3	ug/L	10/28/2013	1	n/a	ND	
MW-C	d	1,1,1-Trichloroethane	71-55-6	ug/L	10/28/2013	1	n/a	ND	
MW-C	d	1,1,2-Trichloroethane	79-00-5	ug/L	10/28/2013	1	n/a	ND	
MW-C	d	Trichloroethene	79-01-6	ug/L	10/28/2013	1	n/a	ND	
MW-C	d	Trichlorofluoromethane	75-69-4	ug/L	10/28/2013	4	n/a	ND	
MW-C	d	1,2,3-Trichloropropane	96-18-4	ug/L	10/28/2013	1	n/a	ND	
MW-C	d	Vinyl acetate	108-05-4	ug/L	10/28/2013	2	n/a	ND	
MW-C	d	Vinyl chloride	75-01-4	ug/L	10/28/2013	1	n/a	ND	
MW-C	d	Xylenes, total	1330-20-7	ug/L	10/28/2013	3	n/a	ND	
GU-4	d	Antimony	7440-36-0	mg/L	12/17/2013	0.006	n/a	ND	
GU-4	d	Arsenic	7440-38-2	mg/L	12/17/2013	0.001	n/a	ND	
GU-4	d	Barium	7440-39-3	mg/L	12/17/2013	n/a	n/a		0.0291
GU-4	d	Beryllium	7440-41-7	mg/L	12/17/2013	0.001	n/a	ND	
GU-4	d	Cadmium	7440-43-9	mg/L	12/17/2013	n/a	n/a	J	0.000253
GU-4	d	Chromium	7440-47-3	mg/L	12/17/2013	0.02	n/a	ND	
GU-4	d	Cobalt	7440-48-4	mg/L	12/17/2013	0.00132	n/a	ND	
GU-4	d	Copper	7440-50-8	mg/L	12/17/2013	0.02	n/a	ND	
GU-4	d	Lead	7439-92-1	mg/L	12/17/2013	0.004	n/a	ND	
GU-4	d	Nickel	7440-02-0	mg/L	12/17/2013	n/a	n/a	J	0.0102
GU-4	d	Selenium	7782-49-2	mg/L	12/17/2013	n/a	n/a	J	0.00178
GU-4	d	Silver	7440-22-4	mg/L	12/17/2013	0.02	n/a	ND	
GU-4	d	Thallium	7440-28-0	mg/L	12/17/2013	0.002	n/a	ND	
GU-4	d	Vanadium	7440-62-2	mg/L	12/17/2013	0.05	n/a	ND	
GU-4	d	Zinc	7440-66-6	mg/L	12/17/2013	n/a	n/a		0.141
GU-4	d	Acetone	67-64-1	ug/L	12/17/2013	10	n/a	ND	
GU-4	d	Acrylonitrile	107-13-1	ug/L	12/17/2013	10	n/a	ND	
GU-4	d	Benzene	71-43-2	ug/L	12/17/2013	0.5	n/a	ND	
GU-4	d	Bromochloromethane	74-97-5	ug/L	12/17/2013	5	n/a	ND	
GU-4	d	Bromodichloromethane	75-27-4	ug/L	12/17/2013	1	n/a	ND	
GU-4	d	Bromoform	75-25-2	ug/L	12/17/2013	5	n/a	ND	
GU-4	d	Carbon disulfide	75-15-0	ug/L	12/17/2013	1	n/a	ND	
GU-4	d	Carbon Tetrachloride	56-23-5	ug/L	12/17/2013	2	n/a	ND	
GU-4	d	Chlorobenzene	108-90-7	ug/L	12/17/2013	1	n/a	ND	
GU-4	d	Chloroethane	75-00-3	ug/L	12/17/2013	4	n/a	ND	
GU-4	d	Chloroform	67-66-3	ug/L	12/17/2013	1	n/a	ND	
GU-4	d	Chlorodibromomethane	124-48-1	ug/L	12/17/2013	5	n/a	ND	
GU-4	d	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	12/17/2013	0.12	n/a	ND	
GU-4	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	12/17/2013	0.13	n/a	ND	
GU-4	d	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	12/17/2013	10	n/a	ND	
GU-4	d	1,1-Dichloroethane	75-34-3	ug/L	12/17/2013	1	n/a	ND	
GU-4	d	1,2-Dichloroethane	107-06-2	ug/L	12/17/2013	1	n/a	ND	
GU-4	d	1,1-Dichloroethene	75-35-4	ug/L	12/17/2013	2	n/a	ND	
GU-4	d	cis-1,2-Dichloroethene	156-59-2	ug/L	12/17/2013	1	n/a	ND	
GU-4	d	trans-1,2-Dichloroethene	156-60-5	ug/L	12/17/2013	1	n/a	ND	
GU-4	d	1,2-Dichloropropane	78-87-5	ug/L	12/17/2013	1	n/a	ND	
GU-4	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	12/17/2013	5	n/a	ND	
GU-4	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	12/17/2013	5	n/a	ND	
GU-4	d	1,2-Dichlorobenzene	95-50-1	ug/L	12/17/2013	1	n/a	ND	
GU-4	d	1,4-Dichlorobenzene	106-46-7	ug/L	12/17/2013	1	n/a	ND	
GU-4	d	Ethylbenzene	100-41-4	ug/L	12/17/2013	1	n/a	ND	
GU-4	d	2-Hexanone	591-78-6	ug/L	12/17/2013	10	n/a	ND	
GU-4	d	Bromomethane	74-83-9	ug/L	12/17/2013	4	n/a	ND	
GU-4	d	Chloromethane	74-87-3	ug/L	12/17/2013	3	n/a	ND	
GU-4	d	2-Butanone	78-93-3	ug/L	12/17/2013	10	n/a	ND	
GU-4	d	Iodomethane	74-88-4	ug/L	12/17/2013	10	n/a	ND	
GU-4	d	4-Methyl-2-pentanone	108-10-1	ug/L	12/17/2013	10	n/a	ND	
GU-4	d	Methylene Bromide	74-95-3	ug/L	12/17/2013	1	n/a	ND	
GU-4	d	Methylene Chloride	75-09-2	ug/L	12/17/2013	5	n/a	ND	
GU-4	d	Styrene	100-42-5	ug/L	12/17/2013	1	n/a	ND	
GU-4	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	12/17/2013	1	n/a	ND	

Table 9A
Analytical Data Summary - Phase II MSWLF
2024 Annual Water Quality Report
Phase II MSWLF and CWTS
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
GU-4	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	12/17/2013	1	n/a	ND	
GU-4	d	Tetrachloroethene	127-18-4	ug/L	12/17/2013	1	n/a	ND	
GU-4	d	Toluene	108-88-3	ug/L	12/17/2013	1	n/a	ND	
GU-4	d	1,1,1-Trichloroethane	71-55-6	ug/L	12/17/2013	1	n/a	ND	
GU-4	d	1,1,2-Trichloroethane	79-00-5	ug/L	12/17/2013	1	n/a	ND	
GU-4	d	Trichloroethene	79-01-6	ug/L	12/17/2013	1	n/a	ND	
GU-4	d	Trichlorofluoromethane	75-69-4	ug/L	12/17/2013	4	n/a	ND	
GU-4	d	1,2,3-Trichloropropane	96-18-4	ug/L	12/17/2013	1	n/a	ND	
GU-4	d	Vinyl acetate	108-05-4	ug/L	12/17/2013	2	n/a	ND	
GU-4	d	Vinyl chloride	75-01-4	ug/L	12/17/2013	1	n/a	ND	
GU-4	d	Xylenes, total	1330-20-7	ug/L	12/17/2013	3	n/a	ND	
GU-4	d	Total Suspended Solids	TSS	mg/L	12/17/2013	5	n/a	ND	
GU-4BG	u	Antimony	7440-36-0	mg/L	12/17/2013	0.006	n/a	ND	
GU-4BG	u	Arsenic	7440-38-2	mg/L	12/17/2013	0.001	n/a	ND	
GU-4BG	u	Barium	7440-39-3	mg/L	12/17/2013	n/a	n/a		0.0291
GU-4BG	u	Beryllium	7440-41-7	mg/L	12/17/2013	0.001	n/a	ND	
GU-4BG	u	Cadmium	7440-43-9	mg/L	12/17/2013	n/a	n/a	J	0.000253
GU-4BG	u	Chromium	7440-47-3	mg/L	12/17/2013	0.02	n/a	ND	
GU-4BG	u	Cobalt	7440-48-4	mg/L	12/17/2013	0.00132	n/a	ND	
GU-4BG	u	Copper	7440-50-8	mg/L	12/17/2013	0.02	n/a	ND	
GU-4BG	u	Lead	7439-92-1	mg/L	12/17/2013	0.004	n/a	ND	
GU-4BG	u	Nickel	7440-02-0	mg/L	12/17/2013	n/a	n/a	J	0.0102
GU-4BG	u	Selenium	7782-49-2	mg/L	12/17/2013	n/a	n/a	J	0.00178
GU-4BG	u	Silver	7440-22-4	mg/L	12/17/2013	0.02	n/a	ND	
GU-4BG	u	Thallium	7440-28-0	mg/L	12/17/2013	0.002	n/a	ND	
GU-4BG	u	Vanadium	7440-62-2	mg/L	12/17/2013	0.05	n/a	ND	
GU-4BG	u	Zinc	7440-66-6	mg/L	12/17/2013	n/a	n/a		0.141
GU-4BG	u	Acetone	67-64-1	ug/L	12/17/2013	10	n/a	ND	
GU-4BG	u	Acrylonitrile	107-13-1	ug/L	12/17/2013	10	n/a	ND	
GU-4BG	u	Benzene	71-43-2	ug/L	12/17/2013	0.5	n/a	ND	
GU-4BG	u	Bromochloromethane	74-97-5	ug/L	12/17/2013	5	n/a	ND	
GU-4BG	u	Bromodichloromethane	75-27-4	ug/L	12/17/2013	1	n/a	ND	
GU-4BG	u	Bromoform	75-25-2	ug/L	12/17/2013	5	n/a	ND	
GU-4BG	u	Carbon disulfide	75-15-0	ug/L	12/17/2013	1	n/a	ND	
GU-4BG	u	Carbon Tetrachloride	56-23-5	ug/L	12/17/2013	2	n/a	ND	
GU-4BG	u	Chlorobenzene	108-90-7	ug/L	12/17/2013	1	n/a	ND	
GU-4BG	u	Chloroethane	75-00-3	ug/L	12/17/2013	4	n/a	ND	
GU-4BG	u	Chloroform	67-66-3	ug/L	12/17/2013	1	n/a	ND	
GU-4BG	u	Chlorodibromomethane	124-48-1	ug/L	12/17/2013	5	n/a	ND	
GU-4BG	u	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	12/17/2013	0.12	n/a	ND	
GU-4BG	u	1,2-Dibromoethane [EDB]	106-93-4	ug/L	12/17/2013	0.13	n/a	ND	
GU-4BG	u	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	12/17/2013	10	n/a	ND	
GU-4BG	u	1,1-Dichloroethane	75-34-3	ug/L	12/17/2013	1	n/a	ND	
GU-4BG	u	1,2-Dichloroethane	107-06-2	ug/L	12/17/2013	1	n/a	ND	
GU-4BG	u	1,1-Dichloroethene	75-35-4	ug/L	12/17/2013	2	n/a	ND	
GU-4BG	u	cis-1,2-Dichloroethene	156-59-2	ug/L	12/17/2013	1	n/a	ND	
GU-4BG	u	trans-1,2-Dichloroethene	156-60-5	ug/L	12/17/2013	1	n/a	ND	
GU-4BG	u	1,2-Dichloropropane	78-87-5	ug/L	12/17/2013	1	n/a	ND	
GU-4BG	u	cis-1,3-Dichloropropene	10061-01-5	ug/L	12/17/2013	5	n/a	ND	
GU-4BG	u	trans-1,3-Dichloropropene	10061-02-6	ug/L	12/17/2013	5	n/a	ND	
GU-4BG	u	1,2-Dichlorobenzene	95-50-1	ug/L	12/17/2013	1	n/a	ND	
GU-4BG	u	1,4-Dichlorobenzene	106-46-7	ug/L	12/17/2013	1	n/a	ND	
GU-4BG	u	Ethylbenzene	100-41-4	ug/L	12/17/2013	1	n/a	ND	
GU-4BG	u	2-Hexanone	591-78-6	ug/L	12/17/2013	10	n/a	ND	
GU-4BG	u	Bromomethane	74-83-9	ug/L	12/17/2013	4	n/a	ND	
GU-4BG	u	Chloromethane	74-87-3	ug/L	12/17/2013	3	n/a	ND	
GU-4BG	u	2-Butanone	78-93-3	ug/L	12/17/2013	10	n/a	ND	
GU-4BG	u	Iodomethane	74-88-4	ug/L	12/17/2013	10	n/a	ND	
GU-4BG	u	4-Methyl-2-pentanone	108-10-1	ug/L	12/17/2013	10	n/a	ND	
GU-4BG	u	Methylene Bromide	74-95-3	ug/L	12/17/2013	1	n/a	ND	
GU-4BG	u	Methylene Chloride	75-09-2	ug/L	12/17/2013	5	n/a	ND	
GU-4BG	u	Styrene	100-42-5	ug/L	12/17/2013	1	n/a	ND	
GU-4BG	u	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	12/17/2013	1	n/a	ND	
GU-4BG	u	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	12/17/2013	1	n/a	ND	
GU-4BG	u	Tetrachloroethene	127-18-4	ug/L	12/17/2013	1	n/a	ND	
GU-4BG	u	Toluene	108-88-3	ug/L	12/17/2013	1	n/a	ND	
GU-4BG	u	1,1,1-Trichloroethane	71-55-6	ug/L	12/17/2013	1	n/a	ND	
GU-4BG	u	1,1,2-Trichloroethane	79-00-5	ug/L	12/17/2013	1	n/a	ND	
GU-4BG	u	Trichloroethene	79-01-6	ug/L	12/17/2013	1	n/a	ND	
GU-4BG	u	Trichlorofluoromethane	75-69-4	ug/L	12/17/2013	4	n/a	ND	
GU-4BG	u	1,2,3-Trichloropropane	96-18-4	ug/L	12/17/2013	1	n/a	ND	
GU-4BG	u	Vinyl acetate	108-05-4	ug/L	12/17/2013	2	n/a	ND	
GU-4BG	u	Vinyl chloride	75-01-4	ug/L	12/17/2013	1	n/a	ND	
GU-4BG	u	Xylenes, total	1330-20-7	ug/L	12/17/2013	3	n/a	ND	
GU-4BG	u	Total Suspended Solids	TSS	mg/L	12/17/2013	5	n/a	ND	

Table 9A
Analytical Data Summary - Phase II MSWLF
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Phase II MSWLF and CWTS
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-67	d	Antimony	7440-36-0	mg/L	12/17/2013	0.006	n/a	ND	
MW-67	d	Arsenic	7440-38-2	mg/L	12/17/2013	n/a	n/a	J	0.000855
MW-67	d	Barium	7440-39-3	mg/L	12/17/2013	n/a	n/a		0.0795
MW-67	d	Beryllium	7440-41-7	mg/L	12/17/2013	0.001	n/a	ND	
MW-67	d	Cadmium	7440-43-9	mg/L	12/17/2013	0.0005	n/a	ND	
MW-67	d	Chromium	7440-47-3	mg/L	12/17/2013	0.02	n/a	ND	
MW-67	d	Cobalt	7440-48-4	mg/L	12/17/2013	n/a	n/a		0.00132
MW-67	d	Copper	7440-50-8	mg/L	12/17/2013	n/a	n/a	J	0.00245
MW-67	d	Lead	7439-92-1	mg/L	12/17/2013	0.004	n/a	ND	
MW-67	d	Nickel	7440-02-0	mg/L	12/17/2013	n/a	n/a	J	0.0153
MW-67	d	Selenium	7782-49-2	mg/L	12/17/2013	n/a	n/a	J	0.00484
MW-67	d	Silver	7440-22-4	mg/L	12/17/2013	0.02	n/a	ND	
MW-67	d	Thallium	7440-28-0	mg/L	12/17/2013	0.002	n/a	ND	
MW-67	d	Vanadium	7440-62-2	mg/L	12/17/2013	0.05	n/a	ND	
MW-67	d	Zinc	7440-66-6	mg/L	12/17/2013	n/a	n/a		0.147
MW-67	d	Acetone	67-64-1	ug/L	12/17/2013	10	n/a	ND	
MW-67	d	Acrylonitrile	107-13-1	ug/L	12/17/2013	10	n/a	ND	
MW-67	d	Benzene	71-43-2	ug/L	12/17/2013	0.5	n/a	ND	
MW-67	d	Bromochloromethane	74-97-5	ug/L	12/17/2013	5	n/a	ND	
MW-67	d	Bromodichloromethane	75-27-4	ug/L	12/17/2013	1	n/a	ND	
MW-67	d	Bromoform	75-25-2	ug/L	12/17/2013	5	n/a	ND	
MW-67	d	Carbon disulfide	75-15-0	ug/L	12/17/2013	1	n/a	ND	
MW-67	d	Carbon Tetrachloride	56-23-5	ug/L	12/17/2013	2	n/a	ND	
MW-67	d	Chlorobenzene	108-90-7	ug/L	12/17/2013	1	n/a	ND	
MW-67	d	Chloroethane	75-00-3	ug/L	12/17/2013	4	n/a	ND	
MW-67	d	Chloroform	67-66-3	ug/L	12/17/2013	1	n/a	ND	
MW-67	d	Chlorodibromomethane	124-48-1	ug/L	12/17/2013	5	n/a	ND	
MW-67	d	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	12/17/2013	0.12	n/a	ND	
MW-67	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	12/17/2013	0.13	n/a	ND	
MW-67	d	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	12/17/2013	10	n/a	ND	
MW-67	d	1,1-Dichloroethane	75-34-3	ug/L	12/17/2013	1	n/a	ND	
MW-67	d	1,2-Dichloroethane	107-06-2	ug/L	12/17/2013	1	n/a	ND	
MW-67	d	1,1-Dichloroethene	75-35-4	ug/L	12/17/2013	2	n/a	ND	
MW-67	d	cis-1,2-Dichloroethene	156-59-2	ug/L	12/17/2013	1	n/a	ND	
MW-67	d	trans-1,2-Dichloroethene	156-60-5	ug/L	12/17/2013	1	n/a	ND	
MW-67	d	1,2-Dichloropropane	78-87-5	ug/L	12/17/2013	1	n/a	ND	
MW-67	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	12/17/2013	5	n/a	ND	
MW-67	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	12/17/2013	5	n/a	ND	
MW-67	d	1,2-Dichlorobenzene	95-50-1	ug/L	12/17/2013	1	n/a	ND	
MW-67	d	1,4-Dichlorobenzene	106-46-7	ug/L	12/17/2013	1	n/a	ND	
MW-67	d	Ethylbenzene	100-41-4	ug/L	12/17/2013	1	n/a	ND	
MW-67	d	2-Hexanone	591-78-6	ug/L	12/17/2013	10	n/a	ND	
MW-67	d	Bromomethane	74-83-9	ug/L	12/17/2013	4	n/a	ND	
MW-67	d	Chloromethane	74-87-3	ug/L	12/17/2013	3	n/a	ND	
MW-67	d	2-Butanone	78-93-3	ug/L	12/17/2013	10	n/a	ND	
MW-67	d	Iodomethane	74-88-4	ug/L	12/17/2013	10	n/a	ND	
MW-67	d	4-Methyl-2-pentanone	108-10-1	ug/L	12/17/2013	10	n/a	ND	
MW-67	d	Methylene Bromide	74-95-3	ug/L	12/17/2013	1	n/a	ND	
MW-67	d	Methylene Chloride	75-09-2	ug/L	12/17/2013	5	n/a	ND	
MW-67	d	Styrene	100-42-5	ug/L	12/17/2013	1	n/a	ND	
MW-67	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	12/17/2013	1	n/a	ND	
MW-67	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	12/17/2013	1	n/a	ND	
MW-67	d	Tetrachloroethene	127-18-4	ug/L	12/17/2013	1	n/a	ND	
MW-67	d	Toluene	108-88-3	ug/L	12/17/2013	1	n/a	ND	
MW-67	d	1,1,1-Trichloroethane	71-55-6	ug/L	12/17/2013	1	n/a	ND	
MW-67	d	1,1,2-Trichloroethane	79-00-5	ug/L	12/17/2013	1	n/a	ND	
MW-67	d	Trichloroethene	79-01-6	ug/L	12/17/2013	1	n/a	ND	
MW-67	d	Trichlorofluoromethane	75-69-4	ug/L	12/17/2013	4	n/a	ND	
MW-67	d	1,2,3-Trichloropropane	96-18-4	ug/L	12/17/2013	1	n/a	ND	
MW-67	d	Vinyl acetate	108-05-4	ug/L	12/17/2013	2	n/a	ND	
MW-67	d	Vinyl chloride	75-01-4	ug/L	12/17/2013	1	n/a	ND	
MW-67	d	Xylenes, total	1330-20-7	ug/L	12/17/2013	3	n/a	ND	
MW-67	d	Total Suspended Solids	TSS	mg/L	12/17/2013	5	n/a	ND	
GU-4	d	Antimony	7440-36-0	mg/L	2/12/2014	0.006	n/a	ND	
GU-4	d	Arsenic	7440-38-2	mg/L	2/12/2014	0.001	n/a	ND	
GU-4	d	Barium	7440-39-3	mg/L	2/12/2014	n/a	n/a		0.0294
GU-4	d	Beryllium	7440-41-7	mg/L	2/12/2014	0.001	n/a	ND	
GU-4	d	Cadmium	7440-43-9	mg/L	2/12/2014	n/a	n/a	J	0.000129
GU-4	d	Chromium	7440-47-3	mg/L	2/12/2014	0.02	n/a	ND	
GU-4	d	Cobalt	7440-48-4	mg/L	2/12/2014	0.00132	n/a	ND	
GU-4	d	Copper	7440-50-8	mg/L	2/12/2014	0.02	n/a	ND	
GU-4	d	Lead	7439-92-1	mg/L	2/12/2014	0.004	n/a	ND	
GU-4	d	Nickel	7440-02-0	mg/L	2/12/2014	n/a	n/a	J	0.0109
GU-4	d	Selenium	7782-49-2	mg/L	2/12/2014	n/a	n/a	J	0.00177
GU-4	d	Silver	7440-22-4	mg/L	2/12/2014	0.02	n/a	ND	

Table 9A
Analytical Data Summary - Phase II MSWLF
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Phase II MSWLF and CWTS
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
GU-4	d	Thallium	7440-28-0	mg/L	2/12/2014	0.002	n/a	ND	
GU-4	d	Vanadium	7440-62-2	mg/L	2/12/2014	0.05	n/a	ND	
GU-4	d	Zinc	7440-66-6	mg/L	2/12/2014	n/a	n/a		0.22
GU-4	d	Acetone	67-64-1	ug/L	2/12/2014	10	n/a	ND	
GU-4	d	Acrylonitrile	107-13-1	ug/L	2/12/2014	10	n/a	ND	
GU-4	d	Benzene	71-43-2	ug/L	2/12/2014	0.5	n/a	ND	
GU-4	d	Bromochloromethane	74-97-5	ug/L	2/12/2014	5	n/a	ND	
GU-4	d	Bromodichloromethane	75-27-4	ug/L	2/12/2014	1	n/a	ND	
GU-4	d	Bromoform	75-25-2	ug/L	2/12/2014	5	n/a	ND	
GU-4	d	Carbon disulfide	75-15-0	ug/L	2/12/2014	1	n/a	ND	
GU-4	d	Carbon Tetrachloride	56-23-5	ug/L	2/12/2014	2	n/a	ND	
GU-4	d	Chlorobenzene	108-90-7	ug/L	2/12/2014	1	n/a	ND	
GU-4	d	Chloroethane	75-00-3	ug/L	2/12/2014	4	n/a	ND	
GU-4	d	Chloroform	67-66-3	ug/L	2/12/2014	1	n/a	ND	
GU-4	d	Chlorodibromomethane	124-48-1	ug/L	2/12/2014	5	n/a	ND	
GU-4	d	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	2/12/2014	0.12	n/a	ND	
GU-4	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	2/12/2014	0.13	n/a	ND	
GU-4	d	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	2/12/2014	10	n/a	ND	
GU-4	d	1,1-Dichloroethane	75-34-3	ug/L	2/12/2014	1	n/a	ND	
GU-4	d	1,2-Dichloroethane	107-06-2	ug/L	2/12/2014	1	n/a	ND	
GU-4	d	1,1-Dichloroethene	75-35-4	ug/L	2/12/2014	2	n/a	ND	
GU-4	d	cis-1,2-Dichloroethene	156-59-2	ug/L	2/12/2014	1	n/a	ND	
GU-4	d	trans-1,2-Dichloroethene	156-60-5	ug/L	2/12/2014	1	n/a	ND	
GU-4	d	1,2-Dichloropropane	78-87-5	ug/L	2/12/2014	1	n/a	ND	
GU-4	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	2/12/2014	5	n/a	ND	
GU-4	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	2/12/2014	5	n/a	ND	
GU-4	d	1,2-Dichlorobenzene	95-50-1	ug/L	2/12/2014	1	n/a	ND	
GU-4	d	1,4-Dichlorobenzene	106-46-7	ug/L	2/12/2014	1	n/a	ND	
GU-4	d	Ethylbenzene	100-41-4	ug/L	2/12/2014	1	n/a	ND	
GU-4	d	2-Hexanone	591-78-6	ug/L	2/12/2014	10	n/a	ND	
GU-4	d	Bromomethane	74-83-9	ug/L	2/12/2014	4	n/a	ND	
GU-4	d	Chloromethane	74-87-3	ug/L	2/12/2014	3	n/a	ND	
GU-4	d	2-Butanone	78-93-3	ug/L	2/12/2014	10	n/a	ND	
GU-4	d	Iodomethane	74-88-4	ug/L	2/12/2014	10	n/a	ND	
GU-4	d	4-Methyl-2-pentanone	108-10-1	ug/L	2/12/2014	10	n/a	ND	
GU-4	d	Methylene Bromide	74-95-3	ug/L	2/12/2014	1	n/a	ND	
GU-4	d	Methylene Chloride	75-09-2	ug/L	2/12/2014	n/a	n/a	J	0.91
GU-4	d	Styrene	100-42-5	ug/L	2/12/2014	1	n/a	ND	
GU-4	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	2/12/2014	1	n/a	ND	
GU-4	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	2/12/2014	1	n/a	ND	
GU-4	d	Tetrachloroethene	127-18-4	ug/L	2/12/2014	1	n/a	ND	
GU-4	d	Toluene	108-88-3	ug/L	2/12/2014	1	n/a	ND	
GU-4	d	1,1,1-Trichloroethane	71-55-6	ug/L	2/12/2014	1	n/a	ND	
GU-4	d	1,1,2-Trichloroethane	79-00-5	ug/L	2/12/2014	1	n/a	ND	
GU-4	d	Trichloroethene	79-01-6	ug/L	2/12/2014	1	n/a	ND	
GU-4	d	Trichlorofluoromethane	75-69-4	ug/L	2/12/2014	4	n/a	ND	
GU-4	d	1,2,3-Trichloropropane	96-18-4	ug/L	2/12/2014	1	n/a	ND	
GU-4	d	Vinyl acetate	108-05-4	ug/L	2/12/2014	2	n/a	ND	
GU-4	d	Vinyl chloride	75-01-4	ug/L	2/12/2014	1	n/a	ND	
GU-4	d	Xylenes, total	1330-20-7	ug/L	2/12/2014	3	n/a	ND	
GU-4	d	Total Suspended Solids	TSS	mg/L	2/12/2014	5	n/a	ND	
GU-4BG	u	Antimony	7440-36-0	mg/L	2/12/2014	0.006	n/a	ND	
GU-4BG	u	Arsenic	7440-38-2	mg/L	2/12/2014	0.001	n/a	ND	
GU-4BG	u	Barium	7440-39-3	mg/L	2/12/2014	n/a	n/a		0.0294
GU-4BG	u	Beryllium	7440-41-7	mg/L	2/12/2014	0.001	n/a	ND	
GU-4BG	u	Cadmium	7440-43-9	mg/L	2/12/2014	n/a	n/a	J	0.000129
GU-4BG	u	Chromium	7440-47-3	mg/L	2/12/2014	0.02	n/a	ND	
GU-4BG	u	Cobalt	7440-48-4	mg/L	2/12/2014	0.00132	n/a	ND	
GU-4BG	u	Copper	7440-50-8	mg/L	2/12/2014	0.02	n/a	ND	
GU-4BG	u	Lead	7439-92-1	mg/L	2/12/2014	0.004	n/a	ND	
GU-4BG	u	Nickel	7440-02-0	mg/L	2/12/2014	n/a	n/a	J	0.0109
GU-4BG	u	Selenium	7782-49-2	mg/L	2/12/2014	n/a	n/a	J	0.00177
GU-4BG	u	Silver	7440-22-4	mg/L	2/12/2014	0.02	n/a	ND	
GU-4BG	u	Thallium	7440-28-0	mg/L	2/12/2014	0.002	n/a	ND	
GU-4BG	u	Vanadium	7440-62-2	mg/L	2/12/2014	0.05	n/a	ND	
GU-4BG	u	Zinc	7440-66-6	mg/L	2/12/2014	n/a	n/a		0.22
GU-4BG	u	Acetone	67-64-1	ug/L	2/12/2014	10	n/a	ND	
GU-4BG	u	Acrylonitrile	107-13-1	ug/L	2/12/2014	10	n/a	ND	
GU-4BG	u	Benzene	71-43-2	ug/L	2/12/2014	0.5	n/a	ND	
GU-4BG	u	Bromochloromethane	74-97-5	ug/L	2/12/2014	5	n/a	ND	
GU-4BG	u	Bromodichloromethane	75-27-4	ug/L	2/12/2014	1	n/a	ND	
GU-4BG	u	Bromoform	75-25-2	ug/L	2/12/2014	5	n/a	ND	
GU-4BG	u	Carbon disulfide	75-15-0	ug/L	2/12/2014	1	n/a	ND	
GU-4BG	u	Carbon Tetrachloride	56-23-5	ug/L	2/12/2014	2	n/a	ND	
GU-4BG	u	Chlorobenzene	108-90-7	ug/L	2/12/2014	1	n/a	ND	

Table 9A
Analytical Data Summary - Phase II MSWLF
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Phase II MSWLF and CWTS
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
GU-4BG	u	Chloroethane	75-00-3	ug/L	2/12/2014	4	n/a	ND	
GU-4BG	u	Chloroform	67-66-3	ug/L	2/12/2014	1	n/a	ND	
GU-4BG	u	Chlorodibromomethane	124-48-1	ug/L	2/12/2014	5	n/a	ND	
GU-4BG	u	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	2/12/2014	0.12	n/a	ND	
GU-4BG	u	1,2-Dibromoethane [EDB]	106-93-4	ug/L	2/12/2014	0.13	n/a	ND	
GU-4BG	u	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	2/12/2014	10	n/a	ND	
GU-4BG	u	1,1-Dichloroethane	75-34-3	ug/L	2/12/2014	1	n/a	ND	
GU-4BG	u	1,2-Dichloroethane	107-06-2	ug/L	2/12/2014	1	n/a	ND	
GU-4BG	u	1,1-Dichloroethene	75-35-4	ug/L	2/12/2014	2	n/a	ND	
GU-4BG	u	cis-1,2-Dichloroethene	156-59-2	ug/L	2/12/2014	1	n/a	ND	
GU-4BG	u	trans-1,2-Dichloroethene	156-60-5	ug/L	2/12/2014	1	n/a	ND	
GU-4BG	u	1,2-Dichloropropane	78-87-5	ug/L	2/12/2014	1	n/a	ND	
GU-4BG	u	cis-1,3-Dichloropropene	10061-01-5	ug/L	2/12/2014	5	n/a	ND	
GU-4BG	u	trans-1,3-Dichloropropene	10061-02-6	ug/L	2/12/2014	5	n/a	ND	
GU-4BG	u	1,2-Dichlorobenzene	95-50-1	ug/L	2/12/2014	1	n/a	ND	
GU-4BG	u	1,4-Dichlorobenzene	106-46-7	ug/L	2/12/2014	1	n/a	ND	
GU-4BG	u	Ethylbenzene	100-41-4	ug/L	2/12/2014	1	n/a	ND	
GU-4BG	u	2-Hexanone	591-78-6	ug/L	2/12/2014	10	n/a	ND	
GU-4BG	u	Bromomethane	74-83-9	ug/L	2/12/2014	4	n/a	ND	
GU-4BG	u	Chloromethane	74-87-3	ug/L	2/12/2014	3	n/a	ND	
GU-4BG	u	2-Butanone	78-93-3	ug/L	2/12/2014	10	n/a	ND	
GU-4BG	u	Iodomethane	74-88-4	ug/L	2/12/2014	10	n/a	ND	
GU-4BG	u	4-Methyl-2-pentanone	108-10-1	ug/L	2/12/2014	10	n/a	ND	
GU-4BG	u	Methylene Bromide	74-95-3	ug/L	2/12/2014	1	n/a	ND	
GU-4BG	u	Methylene Chloride	75-09-2	ug/L	2/12/2014	n/a	n/a	J	0.91
GU-4BG	u	Styrene	100-42-5	ug/L	2/12/2014	1	n/a	ND	
GU-4BG	u	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	2/12/2014	1	n/a	ND	
GU-4BG	u	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	2/12/2014	1	n/a	ND	
GU-4BG	u	Tetrachloroethene	127-18-4	ug/L	2/12/2014	1	n/a	ND	
GU-4BG	u	Toluene	108-88-3	ug/L	2/12/2014	1	n/a	ND	
GU-4BG	u	1,1,1-Trichloroethane	71-55-6	ug/L	2/12/2014	1	n/a	ND	
GU-4BG	u	1,1,2-Trichloroethane	79-00-5	ug/L	2/12/2014	1	n/a	ND	
GU-4BG	u	Trichloroethene	79-01-6	ug/L	2/12/2014	1	n/a	ND	
GU-4BG	u	Trichlorofluoromethane	75-69-4	ug/L	2/12/2014	4	n/a	ND	
GU-4BG	u	1,2,3-Trichloropropane	96-18-4	ug/L	2/12/2014	1	n/a	ND	
GU-4BG	u	Vinyl acetate	108-05-4	ug/L	2/12/2014	2	n/a	ND	
GU-4BG	u	Vinyl chloride	75-01-4	ug/L	2/12/2014	1	n/a	ND	
GU-4BG	u	Xylenes, total	1330-20-7	ug/L	2/12/2014	3	n/a	ND	
GU-4BG	u	Total Suspended Solids	TSS	mg/L	2/12/2014	5	n/a	ND	
MW-67	d	Antimony	7440-36-0	mg/L	2/12/2014	0.006	n/a	ND	
MW-67	d	Arsenic	7440-38-2	mg/L	2/12/2014	0.001	n/a	ND	
MW-67	d	Barium	7440-39-3	mg/L	2/12/2014	n/a	n/a		0.0593
MW-67	d	Beryllium	7440-41-7	mg/L	2/12/2014	0.001	n/a	ND	
MW-67	d	Cadmium	7440-43-9	mg/L	2/12/2014	0.0005	n/a	ND	
MW-67	d	Chromium	7440-47-3	mg/L	2/12/2014	0.02	n/a	ND	
MW-67	d	Cobalt	7440-48-4	mg/L	2/12/2014	0.00132	n/a	ND	
MW-67	d	Copper	7440-50-8	mg/L	2/12/2014	n/a	n/a	J	0.00188
MW-67	d	Lead	7439-92-1	mg/L	2/12/2014	0.004	n/a	ND	
MW-67	d	Nickel	7440-02-0	mg/L	2/12/2014	n/a	n/a	J	0.00849
MW-67	d	Selenium	7782-49-2	mg/L	2/12/2014	n/a	n/a	J	0.00373
MW-67	d	Silver	7440-22-4	mg/L	2/12/2014	0.02	n/a	ND	
MW-67	d	Thallium	7440-28-0	mg/L	2/12/2014	0.002	n/a	ND	
MW-67	d	Vanadium	7440-62-2	mg/L	2/12/2014	0.05	n/a	ND	
MW-67	d	Zinc	7440-66-6	mg/L	2/12/2014	n/a	n/a		0.16
MW-67	d	Acetone	67-64-1	ug/L	2/12/2014	10	n/a	ND	
MW-67	d	Acrylonitrile	107-13-1	ug/L	2/12/2014	10	n/a	ND	
MW-67	d	Benzene	71-43-2	ug/L	2/12/2014	0.5	n/a	ND	
MW-67	d	Bromochloromethane	74-97-5	ug/L	2/12/2014	5	n/a	ND	
MW-67	d	Bromodichloromethane	75-27-4	ug/L	2/12/2014	1	n/a	ND	
MW-67	d	Bromoform	75-25-2	ug/L	2/12/2014	5	n/a	ND	
MW-67	d	Carbon disulfide	75-15-0	ug/L	2/12/2014	1	n/a	ND	
MW-67	d	Carbon Tetrachloride	56-23-5	ug/L	2/12/2014	2	n/a	ND	
MW-67	d	Chlorobenzene	108-90-7	ug/L	2/12/2014	1	n/a	ND	
MW-67	d	Chloroethane	75-00-3	ug/L	2/12/2014	4	n/a	ND	
MW-67	d	Chloroform	67-66-3	ug/L	2/12/2014	1	n/a	ND	
MW-67	d	Chlorodibromomethane	124-48-1	ug/L	2/12/2014	5	n/a	ND	
MW-67	d	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	2/12/2014	0.12	n/a	ND	
MW-67	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	2/12/2014	0.13	n/a	ND	
MW-67	d	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	2/12/2014	10	n/a	ND	
MW-67	d	1,1-Dichloroethane	75-34-3	ug/L	2/12/2014	1	n/a	ND	
MW-67	d	1,2-Dichloroethane	107-06-2	ug/L	2/12/2014	1	n/a	ND	
MW-67	d	1,1-Dichloroethene	75-35-4	ug/L	2/12/2014	2	n/a	ND	
MW-67	d	cis-1,2-Dichloroethene	156-59-2	ug/L	2/12/2014	1	n/a	ND	
MW-67	d	trans-1,2-Dichloroethene	156-60-5	ug/L	2/12/2014	1	n/a	ND	
MW-67	d	1,2-Dichloropropane	78-87-5	ug/L	2/12/2014	1	n/a	ND	

Table 9A
Analytical Data Summary - Phase II MSWLF
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Phase II MSWLF and CWTS
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Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-67	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	2/12/2014	5	n/a	ND	
MW-67	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	2/12/2014	5	n/a	ND	
MW-67	d	1,2-Dichlorobenzene	95-50-1	ug/L	2/12/2014	1	n/a	ND	
MW-67	d	1,4-Dichlorobenzene	106-46-7	ug/L	2/12/2014	1	n/a	ND	
MW-67	d	Ethylbenzene	100-41-4	ug/L	2/12/2014	1	n/a	ND	
MW-67	d	2-Hexanone	591-78-6	ug/L	2/12/2014	10	n/a	ND	
MW-67	d	Bromomethane	74-83-9	ug/L	2/12/2014	4	n/a	ND	
MW-67	d	Chloromethane	74-87-3	ug/L	2/12/2014	3	n/a	ND	
MW-67	d	2-Butanone	78-93-3	ug/L	2/12/2014	10	n/a	ND	
MW-67	d	Iodomethane	74-88-4	ug/L	2/12/2014	10	n/a	ND	
MW-67	d	4-Methyl-2-pentanone	108-10-1	ug/L	2/12/2014	10	n/a	ND	
MW-67	d	Methylene Bromide	74-95-3	ug/L	2/12/2014	1	n/a	ND	
MW-67	d	Methylene Chloride	75-09-2	ug/L	2/12/2014	n/a	n/a	J	0.186
MW-67	d	Styrene	100-42-5	ug/L	2/12/2014	1	n/a	ND	
MW-67	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	2/12/2014	1	n/a	ND	
MW-67	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	2/12/2014	1	n/a	ND	
MW-67	d	Tetrachloroethene	127-18-4	ug/L	2/12/2014	1	n/a	ND	
MW-67	d	Toluene	108-88-3	ug/L	2/12/2014	1	n/a	ND	
MW-67	d	1,1,1-Trichloroethane	71-55-6	ug/L	2/12/2014	1	n/a	ND	
MW-67	d	1,1,2-Trichloroethane	79-00-5	ug/L	2/12/2014	1	n/a	ND	
MW-67	d	Trichloroethene	79-01-6	ug/L	2/12/2014	1	n/a	ND	
MW-67	d	Trichlorofluoromethane	75-69-4	ug/L	2/12/2014	4	n/a	ND	
MW-67	d	1,2,3-Trichloropropane	96-18-4	ug/L	2/12/2014	1	n/a	ND	
MW-67	d	Vinyl acetate	108-05-4	ug/L	2/12/2014	2	n/a	ND	
MW-67	d	Vinyl chloride	75-01-4	ug/L	2/12/2014	1	n/a	ND	
MW-67	d	Xylenes, total	1330-20-7	ug/L	2/12/2014	3	n/a	ND	
MW-67	d	Total Suspended Solids	TSS	mg/L	2/12/2014	5	n/a	ND	
GU-3	d	Barium	7440-39-3	mg/L	3/26/2014	n/a	n/a		0.185
GU-3	d	Zinc	7440-66-6	mg/L	3/26/2014	0.02	n/a	ND	
GU-3	d	Total Suspended Solids	TSS	mg/L	3/26/2014	n/a	n/a		5
GU-3BG	u	Barium	7440-39-3	mg/L	3/26/2014	n/a	n/a		0.185
GU-3BG	u	Zinc	7440-66-6	mg/L	3/26/2014	0.02	n/a	ND	
GU-3BG	u	Total Suspended Solids	TSS	mg/L	3/26/2014	n/a	n/a		5
GU-3	d	Antimony	7440-36-0	mg/L	4/9/2014	0.006	n/a	ND	
GU-3	d	Arsenic	7440-38-2	mg/L	4/9/2014	0.001	n/a	ND	
GU-3	d	Barium	7440-39-3	mg/L	4/9/2014	n/a	n/a		0.158
GU-3	d	Beryllium	7440-41-7	mg/L	4/9/2014	0.001	n/a	ND	
GU-3	d	Cadmium	7440-43-9	mg/L	4/9/2014	0.0005	n/a	ND	
GU-3	d	Chromium	7440-47-3	mg/L	4/9/2014	0.02	n/a	ND	
GU-3	d	Cobalt	7440-48-4	mg/L	4/9/2014	0.00241	n/a	ND	
GU-3	d	Copper	7440-50-8	mg/L	4/9/2014	0.02	n/a	ND	
GU-3	d	Lead	7439-92-1	mg/L	4/9/2014	0.004	n/a	ND	
GU-3	d	Nickel	7440-02-0	mg/L	4/9/2014	0.05	n/a	ND	
GU-3	d	Selenium	7782-49-2	mg/L	4/9/2014	0.005	n/a	ND	
GU-3	d	Silver	7440-22-4	mg/L	4/9/2014	0.02	n/a	ND	
GU-3	d	Thallium	7440-28-0	mg/L	4/9/2014	0.002	n/a	ND	
GU-3	d	Vanadium	7440-62-2	mg/L	4/9/2014	0.05	n/a	ND	
GU-3	d	Zinc	7440-66-6	mg/L	4/9/2014	0.02	n/a	ND	
GU-3	d	Acetone	67-64-1	ug/L	4/9/2014	10	n/a	ND	
GU-3	d	Acrylonitrile	107-13-1	ug/L	4/9/2014	10	n/a	ND	
GU-3	d	Benzene	71-43-2	ug/L	4/9/2014	0.5	n/a	ND	
GU-3	d	Bromochloromethane	74-97-5	ug/L	4/9/2014	5	n/a	ND	
GU-3	d	Bromodichloromethane	75-27-4	ug/L	4/9/2014	1	n/a	ND	
GU-3	d	Bromoform	75-25-2	ug/L	4/9/2014	5	n/a	ND	
GU-3	d	Carbon disulfide	75-15-0	ug/L	4/9/2014	1	n/a	ND	
GU-3	d	Carbon Tetrachloride	56-23-5	ug/L	4/9/2014	2	n/a	ND	
GU-3	d	Chlorobenzene	108-90-7	ug/L	4/9/2014	1	n/a	ND	
GU-3	d	Chloroethane	75-00-3	ug/L	4/9/2014	4	n/a	ND	
GU-3	d	Chloroform	67-66-3	ug/L	4/9/2014	1	n/a	ND	
GU-3	d	Chlorodibromomethane	124-48-1	ug/L	4/9/2014	5	n/a	ND	
GU-3	d	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	4/9/2014	0.12	n/a	ND	
GU-3	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	4/9/2014	0.13	n/a	ND	
GU-3	d	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	4/9/2014	10	n/a	ND	
GU-3	d	1,1-Dichloroethane	75-34-3	ug/L	4/9/2014	1	n/a	ND	
GU-3	d	1,2-Dichloroethane	107-06-2	ug/L	4/9/2014	1	n/a	ND	
GU-3	d	1,1-Dichloroethene	75-35-4	ug/L	4/9/2014	2	n/a	ND	
GU-3	d	cis-1,2-Dichloroethene	156-59-2	ug/L	4/9/2014	1	n/a	ND	
GU-3	d	trans-1,2-Dichloroethene	156-60-5	ug/L	4/9/2014	1	n/a	ND	
GU-3	d	1,2-Dichloropropane	78-87-5	ug/L	4/9/2014	1	n/a	ND	
GU-3	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	4/9/2014	5	n/a	ND	
GU-3	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	4/9/2014	5	n/a	ND	
GU-3	d	1,2-Dichlorobenzene	95-50-1	ug/L	4/9/2014	1	n/a	ND	
GU-3	d	1,4-Dichlorobenzene	106-46-7	ug/L	4/9/2014	1	n/a	ND	
GU-3	d	Ethylbenzene	100-41-4	ug/L	4/9/2014	1	n/a	ND	
GU-3	d	2-Hexanone	591-78-6	ug/L	4/9/2014	10	n/a	ND	

Table 9A
Analytical Data Summary - Phase II MSWLF
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Phase II MSWLF and CWTS
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Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
GU-3	d	Bromomethane	74-83-9	ug/L	4/9/2014	4	n/a	ND	
GU-3	d	Chloromethane	74-87-3	ug/L	4/9/2014	3	n/a	ND	
GU-3	d	2-Butanone	78-93-3	ug/L	4/9/2014	10	n/a	ND	
GU-3	d	Iodomethane	74-88-4	ug/L	4/9/2014	10	n/a	ND	
GU-3	d	4-Methyl-2-pentanone	108-10-1	ug/L	4/9/2014	10	n/a	ND	
GU-3	d	Methylene Bromide	74-95-3	ug/L	4/9/2014	1	n/a	ND	
GU-3	d	Methylene Chloride	75-09-2	ug/L	4/9/2014	n/a	n/a	J	0.752
GU-3	d	Styrene	100-42-5	ug/L	4/9/2014	1	n/a	ND	
GU-3	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	4/9/2014	1	n/a	ND	
GU-3	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	4/9/2014	1	n/a	ND	
GU-3	d	Tetrachloroethene	127-18-4	ug/L	4/9/2014	1	n/a	ND	
GU-3	d	Toluene	108-88-3	ug/L	4/9/2014	1	n/a	ND	
GU-3	d	1,1,1-Trichloroethane	71-55-6	ug/L	4/9/2014	1	n/a	ND	
GU-3	d	1,1,2-Trichloroethane	79-00-5	ug/L	4/9/2014	1	n/a	ND	
GU-3	d	Trichloroethene	79-01-6	ug/L	4/9/2014	1	n/a	ND	
GU-3	d	Trichlorofluoromethane	75-69-4	ug/L	4/9/2014	4	n/a	ND	
GU-3	d	1,2,3-Trichloropropane	96-18-4	ug/L	4/9/2014	1	n/a	ND	
GU-3	d	Vinyl acetate	108-05-4	ug/L	4/9/2014	2	n/a	ND	
GU-3	d	Vinyl chloride	75-01-4	ug/L	4/9/2014	1	n/a	ND	
GU-3	d	Xylenes, total	1330-20-7	ug/L	4/9/2014	3	n/a	ND	
GU-3	d	Total Suspended Solids	TSS	mg/L	4/9/2014	n/a	n/a		10
GU-3BG	u	Antimony	7440-36-0	mg/L	4/9/2014	0.006	n/a	ND	
GU-3BG	u	Arsenic	7440-38-2	mg/L	4/9/2014	0.001	n/a	ND	
GU-3BG	u	Barium	7440-39-3	mg/L	4/9/2014	n/a	n/a		0.158
GU-3BG	u	Beryllium	7440-41-7	mg/L	4/9/2014	0.001	n/a	ND	
GU-3BG	u	Cadmium	7440-43-9	mg/L	4/9/2014	0.0005	n/a	ND	
GU-3BG	u	Chromium	7440-47-3	mg/L	4/9/2014	0.02	n/a	ND	
GU-3BG	u	Cobalt	7440-48-4	mg/L	4/9/2014	0.00241	n/a	ND	
GU-3BG	u	Copper	7440-50-8	mg/L	4/9/2014	0.02	n/a	ND	
GU-3BG	u	Lead	7439-92-1	mg/L	4/9/2014	0.004	n/a	ND	
GU-3BG	u	Nickel	7440-02-0	mg/L	4/9/2014	0.05	n/a	ND	
GU-3BG	u	Selenium	7782-49-2	mg/L	4/9/2014	0.005	n/a	ND	
GU-3BG	u	Silver	7440-22-4	mg/L	4/9/2014	0.02	n/a	ND	
GU-3BG	u	Thallium	7440-28-0	mg/L	4/9/2014	0.002	n/a	ND	
GU-3BG	u	Vanadium	7440-62-2	mg/L	4/9/2014	0.05	n/a	ND	
GU-3BG	u	Zinc	7440-66-6	mg/L	4/9/2014	0.02	n/a	ND	
GU-3BG	u	Acetone	67-64-1	ug/L	4/9/2014	10	n/a	ND	
GU-3BG	u	Acrylonitrile	107-13-1	ug/L	4/9/2014	10	n/a	ND	
GU-3BG	u	Benzene	71-43-2	ug/L	4/9/2014	0.5	n/a	ND	
GU-3BG	u	Bromochloromethane	74-97-5	ug/L	4/9/2014	5	n/a	ND	
GU-3BG	u	Bromodichloromethane	75-27-4	ug/L	4/9/2014	1	n/a	ND	
GU-3BG	u	Bromoform	75-25-2	ug/L	4/9/2014	5	n/a	ND	
GU-3BG	u	Carbon disulfide	75-15-0	ug/L	4/9/2014	1	n/a	ND	
GU-3BG	u	Carbon Tetrachloride	56-23-5	ug/L	4/9/2014	2	n/a	ND	
GU-3BG	u	Chlorobenzene	108-90-7	ug/L	4/9/2014	1	n/a	ND	
GU-3BG	u	Chloroethane	75-00-3	ug/L	4/9/2014	4	n/a	ND	
GU-3BG	u	Chloroform	67-66-3	ug/L	4/9/2014	1	n/a	ND	
GU-3BG	u	Chlorodibromomethane	124-48-1	ug/L	4/9/2014	5	n/a	ND	
GU-3BG	u	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	4/9/2014	0.12	n/a	ND	
GU-3BG	u	1,2-Dibromoethane [EDB]	106-93-4	ug/L	4/9/2014	0.13	n/a	ND	
GU-3BG	u	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	4/9/2014	10	n/a	ND	
GU-3BG	u	1,1-Dichloroethane	75-34-3	ug/L	4/9/2014	1	n/a	ND	
GU-3BG	u	1,2-Dichloroethane	107-06-2	ug/L	4/9/2014	1	n/a	ND	
GU-3BG	u	1,1-Dichloroethene	75-35-4	ug/L	4/9/2014	2	n/a	ND	
GU-3BG	u	cis-1,2-Dichloroethene	156-59-2	ug/L	4/9/2014	1	n/a	ND	
GU-3BG	u	trans-1,2-Dichloroethene	156-60-5	ug/L	4/9/2014	1	n/a	ND	
GU-3BG	u	1,2-Dichloropropane	78-87-5	ug/L	4/9/2014	1	n/a	ND	
GU-3BG	u	cis-1,3-Dichloropropene	10061-01-5	ug/L	4/9/2014	5	n/a	ND	
GU-3BG	u	trans-1,3-Dichloropropene	10061-02-6	ug/L	4/9/2014	5	n/a	ND	
GU-3BG	u	1,2-Dichlorobenzene	95-50-1	ug/L	4/9/2014	1	n/a	ND	
GU-3BG	u	1,4-Dichlorobenzene	106-46-7	ug/L	4/9/2014	1	n/a	ND	
GU-3BG	u	Ethylbenzene	100-41-4	ug/L	4/9/2014	1	n/a	ND	
GU-3BG	u	2-Hexanone	591-78-6	ug/L	4/9/2014	10	n/a	ND	
GU-3BG	u	Bromomethane	74-83-9	ug/L	4/9/2014	4	n/a	ND	
GU-3BG	u	Chloromethane	74-87-3	ug/L	4/9/2014	3	n/a	ND	
GU-3BG	u	2-Butanone	78-93-3	ug/L	4/9/2014	10	n/a	ND	
GU-3BG	u	Iodomethane	74-88-4	ug/L	4/9/2014	10	n/a	ND	
GU-3BG	u	4-Methyl-2-pentanone	108-10-1	ug/L	4/9/2014	10	n/a	ND	
GU-3BG	u	Methylene Bromide	74-95-3	ug/L	4/9/2014	1	n/a	ND	
GU-3BG	u	Methylene Chloride	75-09-2	ug/L	4/9/2014	n/a	n/a	J	0.752
GU-3BG	u	Styrene	100-42-5	ug/L	4/9/2014	1	n/a	ND	
GU-3BG	u	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	4/9/2014	1	n/a	ND	
GU-3BG	u	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	4/9/2014	1	n/a	ND	
GU-3BG	u	Tetrachloroethene	127-18-4	ug/L	4/9/2014	1	n/a	ND	
GU-3BG	u	Toluene	108-88-3	ug/L	4/9/2014	1	n/a	ND	

Table 9A
Analytical Data Summary - Phase II MSWLF
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Phase II MSWLF and CWTS
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Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
GU-3BG	u	1,1,1-Trichloroethane	71-55-6	ug/L	4/9/2014	1	n/a	ND	
GU-3BG	u	1,1,2-Trichloroethane	79-00-5	ug/L	4/9/2014	1	n/a	ND	
GU-3BG	u	Trichloroethene	79-01-6	ug/L	4/9/2014	1	n/a	ND	
GU-3BG	u	Trichlorofluoromethane	75-69-4	ug/L	4/9/2014	4	n/a	ND	
GU-3BG	u	1,2,3-Trichloropropane	96-18-4	ug/L	4/9/2014	1	n/a	ND	
GU-3BG	u	Vinyl acetate	108-05-4	ug/L	4/9/2014	2	n/a	ND	
GU-3BG	u	Vinyl chloride	75-01-4	ug/L	4/9/2014	1	n/a	ND	
GU-3BG	u	Xylenes, total	1330-20-7	ug/L	4/9/2014	3	n/a	ND	
GU-3BG	u	Total Suspended Solids	TSS	mg/L	4/9/2014	n/a	n/a		10
GU-4	d	Antimony	7440-36-0	mg/L	4/9/2014	0.006	n/a	ND	
GU-4	d	Arsenic	7440-38-2	mg/L	4/9/2014	0.001	n/a	ND	
GU-4	d	Barium	7440-39-3	mg/L	4/9/2014	n/a	n/a		0.0188
GU-4	d	Beryllium	7440-41-7	mg/L	4/9/2014	0.001	n/a	ND	
GU-4	d	Cadmium	7440-43-9	mg/L	4/9/2014	n/a	n/a	J	0.00014
GU-4	d	Chromium	7440-47-3	mg/L	4/9/2014	0.02	n/a	ND	
GU-4	d	Cobalt	7440-48-4	mg/L	4/9/2014	0.00241	n/a	ND	
GU-4	d	Copper	7440-50-8	mg/L	4/9/2014	0.02	n/a	ND	
GU-4	d	Lead	7439-92-1	mg/L	4/9/2014	0.004	n/a	ND	
GU-4	d	Nickel	7440-02-0	mg/L	4/9/2014	n/a	n/a	J	0.0162
GU-4	d	Selenium	7782-49-2	mg/L	4/9/2014	n/a	n/a	J	0.00171
GU-4	d	Silver	7440-22-4	mg/L	4/9/2014	0.02	n/a	ND	
GU-4	d	Thallium	7440-28-0	mg/L	4/9/2014	0.002	n/a	ND	
GU-4	d	Vanadium	7440-62-2	mg/L	4/9/2014	0.05	n/a	ND	
GU-4	d	Zinc	7440-66-6	mg/L	4/9/2014	0.02	n/a	ND	
GU-4	d	Acetone	67-64-1	ug/L	4/9/2014	10	n/a	ND	
GU-4	d	Acrylonitrile	107-13-1	ug/L	4/9/2014	10	n/a	ND	
GU-4	d	Benzene	71-43-2	ug/L	4/9/2014	0.5	n/a	ND	
GU-4	d	Bromochloromethane	74-97-5	ug/L	4/9/2014	5	n/a	ND	
GU-4	d	Bromodichloromethane	75-27-4	ug/L	4/9/2014	1	n/a	ND	
GU-4	d	Bromoform	75-25-2	ug/L	4/9/2014	5	n/a	ND	
GU-4	d	Carbon disulfide	75-15-0	ug/L	4/9/2014	1	n/a	ND	
GU-4	d	Carbon Tetrachloride	56-23-5	ug/L	4/9/2014	2	n/a	ND	
GU-4	d	Chlorobenzene	108-90-7	ug/L	4/9/2014	1	n/a	ND	
GU-4	d	Chloroethane	75-00-3	ug/L	4/9/2014	4	n/a	ND	
GU-4	d	Chloroform	67-66-3	ug/L	4/9/2014	1	n/a	ND	
GU-4	d	Chlorodibromomethane	124-48-1	ug/L	4/9/2014	5	n/a	ND	
GU-4	d	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	4/9/2014	0.12	n/a	ND	
GU-4	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	4/9/2014	0.13	n/a	ND	
GU-4	d	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	4/9/2014	10	n/a	ND	
GU-4	d	1,1-Dichloroethane	75-34-3	ug/L	4/9/2014	1	n/a	ND	
GU-4	d	1,2-Dichloroethane	107-06-2	ug/L	4/9/2014	1	n/a	ND	
GU-4	d	1,1-Dichloroethene	75-35-4	ug/L	4/9/2014	2	n/a	ND	
GU-4	d	cis-1,2-Dichloroethene	156-59-2	ug/L	4/9/2014	1	n/a	ND	
GU-4	d	trans-1,2-Dichloroethene	156-60-5	ug/L	4/9/2014	1	n/a	ND	
GU-4	d	1,2-Dichloropropane	78-87-5	ug/L	4/9/2014	1	n/a	ND	
GU-4	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	4/9/2014	5	n/a	ND	
GU-4	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	4/9/2014	5	n/a	ND	
GU-4	d	1,2-Dichlorobenzene	95-50-1	ug/L	4/9/2014	1	n/a	ND	
GU-4	d	1,4-Dichlorobenzene	106-46-7	ug/L	4/9/2014	1	n/a	ND	
GU-4	d	Ethylbenzene	100-41-4	ug/L	4/9/2014	1	n/a	ND	
GU-4	d	2-Hexanone	591-78-6	ug/L	4/9/2014	10	n/a	ND	
GU-4	d	Bromomethane	74-83-9	ug/L	4/9/2014	4	n/a	ND	
GU-4	d	Chloromethane	74-87-3	ug/L	4/9/2014	3	n/a	ND	
GU-4	d	2-Butanone	78-93-3	ug/L	4/9/2014	10	n/a	ND	
GU-4	d	Iodomethane	74-88-4	ug/L	4/9/2014	10	n/a	ND	
GU-4	d	4-Methyl-2-pentanone	108-10-1	ug/L	4/9/2014	10	n/a	ND	
GU-4	d	Methylene Bromide	74-95-3	ug/L	4/9/2014	1	n/a	ND	
GU-4	d	Methylene Chloride	75-09-2	ug/L	4/9/2014	n/a	n/a	J	2.3
GU-4	d	Styrene	100-42-5	ug/L	4/9/2014	1	n/a	ND	
GU-4	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	4/9/2014	1	n/a	ND	
GU-4	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	4/9/2014	1	n/a	ND	
GU-4	d	Tetrachloroethene	127-18-4	ug/L	4/9/2014	1	n/a	ND	
GU-4	d	Toluene	108-88-3	ug/L	4/9/2014	1	n/a	ND	
GU-4	d	1,1,1-Trichloroethane	71-55-6	ug/L	4/9/2014	1	n/a	ND	
GU-4	d	1,1,2-Trichloroethane	79-00-5	ug/L	4/9/2014	1	n/a	ND	
GU-4	d	Trichloroethene	79-01-6	ug/L	4/9/2014	1	n/a	ND	
GU-4	d	Trichlorofluoromethane	75-69-4	ug/L	4/9/2014	n/a	n/a	J	0.222
GU-4	d	1,2,3-Trichloropropane	96-18-4	ug/L	4/9/2014	1	n/a	ND	
GU-4	d	Vinyl acetate	108-05-4	ug/L	4/9/2014	2	n/a	ND	
GU-4	d	Vinyl chloride	75-01-4	ug/L	4/9/2014	n/a	n/a	J	0.777
GU-4	d	Xylenes, total	1330-20-7	ug/L	4/9/2014	3	n/a	ND	
GU-4	d	Total Suspended Solids	TSS	mg/L	4/9/2014	5	n/a	ND	
GU-5	d	Antimony	7440-36-0	mg/L	4/9/2014	0.006	n/a	ND	
GU-5	d	Arsenic	7440-38-2	mg/L	4/9/2014	n/a	n/a	J	0.000832
GU-5	d	Barium	7440-39-3	mg/L	4/9/2014	n/a	n/a		0.307

Table 9A
Analytical Data Summary - Phase II MSWLF
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Phase II MSWLF and CWTS
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
GU-5	d	Beryllium	7440-41-7	mg/L	4/9/2014	0.001	n/a	ND	
GU-5	d	Cadmium	7440-43-9	mg/L	4/9/2014	0.0005	n/a	ND	
GU-5	d	Chromium	7440-47-3	mg/L	4/9/2014	0.02	n/a	ND	
GU-5	d	Cobalt	7440-48-4	mg/L	4/9/2014	n/a	n/a		0.00485
GU-5	d	Copper	7440-50-8	mg/L	4/9/2014	0.02	n/a	ND	
GU-5	d	Lead	7439-92-1	mg/L	4/9/2014	0.004	n/a	ND	
GU-5	d	Nickel	7440-02-0	mg/L	4/9/2014	n/a	n/a	J	0.0113
GU-5	d	Selenium	7782-49-2	mg/L	4/9/2014	n/a	n/a	J	0.00131
GU-5	d	Silver	7440-22-4	mg/L	4/9/2014	0.02	n/a	ND	
GU-5	d	Thallium	7440-28-0	mg/L	4/9/2014	0.002	n/a	ND	
GU-5	d	Vanadium	7440-62-2	mg/L	4/9/2014	0.05	n/a	ND	
GU-5	d	Zinc	7440-66-6	mg/L	4/9/2014	0.02	n/a	ND	
GU-5	d	Acetone	67-64-1	ug/L	4/9/2014	10	n/a	ND	
GU-5	d	Acrylonitrile	107-13-1	ug/L	4/9/2014	10	n/a	ND	
GU-5	d	Benzene	71-43-2	ug/L	4/9/2014	0.5	n/a	ND	
GU-5	d	Bromochloromethane	74-97-5	ug/L	4/9/2014	5	n/a	ND	
GU-5	d	Bromodichloromethane	75-27-4	ug/L	4/9/2014	1	n/a	ND	
GU-5	d	Bromoform	75-25-2	ug/L	4/9/2014	5	n/a	ND	
GU-5	d	Carbon disulfide	75-15-0	ug/L	4/9/2014	1	n/a	ND	
GU-5	d	Carbon Tetrachloride	56-23-5	ug/L	4/9/2014	2	n/a	ND	
GU-5	d	Chlorobenzene	108-90-7	ug/L	4/9/2014	1	n/a	ND	
GU-5	d	Chloroethane	75-00-3	ug/L	4/9/2014	4	n/a	ND	
GU-5	d	Chloroform	67-66-3	ug/L	4/9/2014	1	n/a	ND	
GU-5	d	Chlorodibromomethane	124-48-1	ug/L	4/9/2014	5	n/a	ND	
GU-5	d	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	4/9/2014	0.12	n/a	ND	
GU-5	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	4/9/2014	0.13	n/a	ND	
GU-5	d	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	4/9/2014	10	n/a	ND	
GU-5	d	1,1-Dichloroethane	75-34-3	ug/L	4/9/2014	1	n/a	ND	
GU-5	d	1,2-Dichloroethane	107-06-2	ug/L	4/9/2014	1	n/a	ND	
GU-5	d	1,1-Dichloroethene	75-35-4	ug/L	4/9/2014	2	n/a	ND	
GU-5	d	cis-1,2-Dichloroethene	156-59-2	ug/L	4/9/2014	1	n/a	ND	
GU-5	d	trans-1,2-Dichloroethene	156-60-5	ug/L	4/9/2014	1	n/a	ND	
GU-5	d	1,2-Dichloropropane	78-87-5	ug/L	4/9/2014	1	n/a	ND	
GU-5	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	4/9/2014	5	n/a	ND	
GU-5	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	4/9/2014	5	n/a	ND	
GU-5	d	1,2-Dichlorobenzene	95-50-1	ug/L	4/9/2014	1	n/a	ND	
GU-5	d	1,4-Dichlorobenzene	106-46-7	ug/L	4/9/2014	1	n/a	ND	
GU-5	d	Ethylbenzene	100-41-4	ug/L	4/9/2014	1	n/a	ND	
GU-5	d	2-Hexanone	591-78-6	ug/L	4/9/2014	10	n/a	ND	
GU-5	d	Bromomethane	74-83-9	ug/L	4/9/2014	4	n/a	ND	
GU-5	d	Chloromethane	74-87-3	ug/L	4/9/2014	3	n/a	ND	
GU-5	d	2-Butanone	78-93-3	ug/L	4/9/2014	10	n/a	ND	
GU-5	d	Iodomethane	74-88-4	ug/L	4/9/2014	10	n/a	ND	
GU-5	d	4-Methyl-2-pentanone	108-10-1	ug/L	4/9/2014	10	n/a	ND	
GU-5	d	Methylene Bromide	74-95-3	ug/L	4/9/2014	1	n/a	ND	
GU-5	d	Methylene Chloride	75-09-2	ug/L	4/9/2014	5	n/a	ND	
GU-5	d	Styrene	100-42-5	ug/L	4/9/2014	1	n/a	ND	
GU-5	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	4/9/2014	1	n/a	ND	
GU-5	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	4/9/2014	1	n/a	ND	
GU-5	d	Tetrachloroethene	127-18-4	ug/L	4/9/2014	1	n/a	ND	
GU-5	d	Toluene	108-88-3	ug/L	4/9/2014	1	n/a	ND	
GU-5	d	1,1,1-Trichloroethane	71-55-6	ug/L	4/9/2014	1	n/a	ND	
GU-5	d	1,1,2-Trichloroethane	79-00-5	ug/L	4/9/2014	1	n/a	ND	
GU-5	d	Trichloroethene	79-01-6	ug/L	4/9/2014	1	n/a	ND	
GU-5	d	Trichlorofluoromethane	75-69-4	ug/L	4/9/2014	4	n/a	ND	
GU-5	d	1,2,3-Trichloropropane	96-18-4	ug/L	4/9/2014	1	n/a	ND	
GU-5	d	Vinyl acetate	108-05-4	ug/L	4/9/2014	2	n/a	ND	
GU-5	d	Vinyl chloride	75-01-4	ug/L	4/9/2014	1	n/a	ND	
GU-5	d	Xylenes, total	1330-20-7	ug/L	4/9/2014	3	n/a	ND	
GU-5	d	Total Suspended Solids	TSS	mg/L	4/9/2014	n/a	n/a		9
GU-5BG	u	Antimony	7440-36-0	mg/L	4/9/2014	0.006	n/a	ND	
GU-5BG	u	Arsenic	7440-38-2	mg/L	4/9/2014	n/a	n/a	J	0.000832
GU-5BG	u	Barium	7440-39-3	mg/L	4/9/2014	n/a	n/a		0.307
GU-5BG	u	Beryllium	7440-41-7	mg/L	4/9/2014	0.001	n/a	ND	
GU-5BG	u	Cadmium	7440-43-9	mg/L	4/9/2014	0.0005	n/a	ND	
GU-5BG	u	Chromium	7440-47-3	mg/L	4/9/2014	0.02	n/a	ND	
GU-5BG	u	Cobalt	7440-48-4	mg/L	4/9/2014	n/a	n/a		0.00485
GU-5BG	u	Copper	7440-50-8	mg/L	4/9/2014	0.02	n/a	ND	
GU-5BG	u	Lead	7439-92-1	mg/L	4/9/2014	0.004	n/a	ND	
GU-5BG	u	Nickel	7440-02-0	mg/L	4/9/2014	n/a	n/a	J	0.0113
GU-5BG	u	Selenium	7782-49-2	mg/L	4/9/2014	n/a	n/a	J	0.00131
GU-5BG	u	Silver	7440-22-4	mg/L	4/9/2014	0.02	n/a	ND	
GU-5BG	u	Thallium	7440-28-0	mg/L	4/9/2014	0.002	n/a	ND	
GU-5BG	u	Vanadium	7440-62-2	mg/L	4/9/2014	0.05	n/a	ND	
GU-5BG	u	Zinc	7440-66-6	mg/L	4/9/2014	0.02	n/a	ND	

Table 9A
Analytical Data Summary - Phase II MSWLF
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Phase II MSWLF and CWTS
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
GU-5BG	u	Acetone	67-64-1	ug/L	4/9/2014	10	n/a	ND	
GU-5BG	u	Acrylonitrile	107-13-1	ug/L	4/9/2014	10	n/a	ND	
GU-5BG	u	Benzene	71-43-2	ug/L	4/9/2014	0.5	n/a	ND	
GU-5BG	u	Bromochloromethane	74-97-5	ug/L	4/9/2014	5	n/a	ND	
GU-5BG	u	Bromodichloromethane	75-27-4	ug/L	4/9/2014	1	n/a	ND	
GU-5BG	u	Bromoform	75-25-2	ug/L	4/9/2014	5	n/a	ND	
GU-5BG	u	Carbon disulfide	75-15-0	ug/L	4/9/2014	1	n/a	ND	
GU-5BG	u	Carbon Tetrachloride	56-23-5	ug/L	4/9/2014	2	n/a	ND	
GU-5BG	u	Chlorobenzene	108-90-7	ug/L	4/9/2014	1	n/a	ND	
GU-5BG	u	Chloroethane	75-00-3	ug/L	4/9/2014	4	n/a	ND	
GU-5BG	u	Chloroform	67-66-3	ug/L	4/9/2014	1	n/a	ND	
GU-5BG	u	Chlorodibromomethane	124-48-1	ug/L	4/9/2014	5	n/a	ND	
GU-5BG	u	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	4/9/2014	0.12	n/a	ND	
GU-5BG	u	1,2-Dibromoethane [EDB]	106-93-4	ug/L	4/9/2014	0.13	n/a	ND	
GU-5BG	u	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	4/9/2014	10	n/a	ND	
GU-5BG	u	1,1-Dichloroethane	75-34-3	ug/L	4/9/2014	1	n/a	ND	
GU-5BG	u	1,2-Dichloroethane	107-06-2	ug/L	4/9/2014	1	n/a	ND	
GU-5BG	u	1,1-Dichloroethene	75-35-4	ug/L	4/9/2014	2	n/a	ND	
GU-5BG	u	cis-1,2-Dichloroethene	156-59-2	ug/L	4/9/2014	1	n/a	ND	
GU-5BG	u	trans-1,2-Dichloroethene	156-60-5	ug/L	4/9/2014	1	n/a	ND	
GU-5BG	u	1,2-Dichloropropane	78-87-5	ug/L	4/9/2014	1	n/a	ND	
GU-5BG	u	cis-1,3-Dichloropropene	10061-01-5	ug/L	4/9/2014	5	n/a	ND	
GU-5BG	u	trans-1,3-Dichloropropene	10061-02-6	ug/L	4/9/2014	5	n/a	ND	
GU-5BG	u	1,2-Dichlorobenzene	95-50-1	ug/L	4/9/2014	1	n/a	ND	
GU-5BG	u	1,4-Dichlorobenzene	106-46-7	ug/L	4/9/2014	1	n/a	ND	
GU-5BG	u	Ethylbenzene	100-41-4	ug/L	4/9/2014	1	n/a	ND	
GU-5BG	u	2-Hexanone	591-78-6	ug/L	4/9/2014	10	n/a	ND	
GU-5BG	u	Bromomethane	74-83-9	ug/L	4/9/2014	4	n/a	ND	
GU-5BG	u	Chloromethane	74-87-3	ug/L	4/9/2014	3	n/a	ND	
GU-5BG	u	2-Butanone	78-93-3	ug/L	4/9/2014	10	n/a	ND	
GU-5BG	u	Iodomethane	74-88-4	ug/L	4/9/2014	10	n/a	ND	
GU-5BG	u	4-Methyl-2-pentanone	108-10-1	ug/L	4/9/2014	10	n/a	ND	
GU-5BG	u	Methylene Bromide	74-95-3	ug/L	4/9/2014	1	n/a	ND	
GU-5BG	u	Methylene Chloride	75-09-2	ug/L	4/9/2014	5	n/a	ND	
GU-5BG	u	Styrene	100-42-5	ug/L	4/9/2014	1	n/a	ND	
GU-5BG	u	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	4/9/2014	1	n/a	ND	
GU-5BG	u	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	4/9/2014	1	n/a	ND	
GU-5BG	u	Tetrachloroethene	127-18-4	ug/L	4/9/2014	1	n/a	ND	
GU-5BG	u	Toluene	108-88-3	ug/L	4/9/2014	1	n/a	ND	
GU-5BG	u	1,1,1-Trichloroethane	71-55-6	ug/L	4/9/2014	1	n/a	ND	
GU-5BG	u	1,1,2-Trichloroethane	79-00-5	ug/L	4/9/2014	1	n/a	ND	
GU-5BG	u	Trichloroethene	79-01-6	ug/L	4/9/2014	1	n/a	ND	
GU-5BG	u	Trichlorofluoromethane	75-69-4	ug/L	4/9/2014	4	n/a	ND	
GU-5BG	u	1,2,3-Trichloropropane	96-18-4	ug/L	4/9/2014	1	n/a	ND	
GU-5BG	u	Vinyl acetate	108-05-4	ug/L	4/9/2014	2	n/a	ND	
GU-5BG	u	Vinyl chloride	75-01-4	ug/L	4/9/2014	1	n/a	ND	
GU-5BG	u	Xylenes, total	1330-20-7	ug/L	4/9/2014	3	n/a	ND	
GU-5BG	u	Total Suspended Solids	TSS	mg/L	4/9/2014	n/a	n/a		9
MW-26	u	Antimony	7440-36-0	mg/L	4/9/2014	0.006	n/a	ND	
MW-26	u	Arsenic	7440-38-2	mg/L	4/9/2014	0.001	n/a	ND	
MW-26	u	Barium	7440-39-3	mg/L	4/9/2014	n/a	n/a		0.0485
MW-26	u	Beryllium	7440-41-7	mg/L	4/9/2014	0.001	n/a	ND	
MW-26	u	Cadmium	7440-43-9	mg/L	4/9/2014	0.0005	n/a	ND	
MW-26	u	Chromium	7440-47-3	mg/L	4/9/2014	n/a	n/a	J	0.015
MW-26	u	Cobalt	7440-48-4	mg/L	4/9/2014	0.00241	n/a	ND	
MW-26	u	Copper	7440-50-8	mg/L	4/9/2014	0.02	n/a	ND	
MW-26	u	Lead	7439-92-1	mg/L	4/9/2014	0.004	n/a	ND	
MW-26	u	Nickel	7440-02-0	mg/L	4/9/2014	0.05	n/a	ND	
MW-26	u	Selenium	7782-49-2	mg/L	4/9/2014	n/a	n/a		0.0288
MW-26	u	Silver	7440-22-4	mg/L	4/9/2014	0.02	n/a	ND	
MW-26	u	Thallium	7440-28-0	mg/L	4/9/2014	0.002	n/a	ND	
MW-26	u	Vanadium	7440-62-2	mg/L	4/9/2014	0.05	n/a	ND	
MW-26	u	Zinc	7440-66-6	mg/L	4/9/2014	0.02	n/a	ND	
MW-26	u	Total Suspended Solids	TSS	mg/L	4/9/2014	5	n/a	ND	
MW-67	d	Antimony	7440-36-0	mg/L	4/9/2014	0.006	n/a	ND	
MW-67	d	Arsenic	7440-38-2	mg/L	4/9/2014	0.001	n/a	ND	
MW-67	d	Barium	7440-39-3	mg/L	4/9/2014	n/a	n/a		0.0451
MW-67	d	Beryllium	7440-41-7	mg/L	4/9/2014	0.001	n/a	ND	
MW-67	d	Cadmium	7440-43-9	mg/L	4/9/2014	0.0005	n/a	ND	
MW-67	d	Chromium	7440-47-3	mg/L	4/9/2014	0.02	n/a	ND	
MW-67	d	Cobalt	7440-48-4	mg/L	4/9/2014	0.00241	n/a	ND	
MW-67	d	Copper	7440-50-8	mg/L	4/9/2014	0.02	n/a	ND	
MW-67	d	Lead	7439-92-1	mg/L	4/9/2014	0.004	n/a	ND	
MW-67	d	Nickel	7440-02-0	mg/L	4/9/2014	n/a	n/a	J	0.00813
MW-67	d	Selenium	7782-49-2	mg/L	4/9/2014	n/a	n/a	J	0.00256

Table 9A
Analytical Data Summary - Phase II MSWLF
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Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-67	d	Silver	7440-22-4	mg/L	4/9/2014	0.02	n/a	ND	
MW-67	d	Thallium	7440-28-0	mg/L	4/9/2014	0.002	n/a	ND	
MW-67	d	Vanadium	7440-62-2	mg/L	4/9/2014	0.05	n/a	ND	
MW-67	d	Zinc	7440-66-6	mg/L	4/9/2014	0.02	n/a	ND	
MW-67	d	Acetone	67-64-1	ug/L	4/9/2014	10	n/a	ND	
MW-67	d	Acrylonitrile	107-13-1	ug/L	4/9/2014	10	n/a	ND	
MW-67	d	Benzene	71-43-2	ug/L	4/9/2014	0.5	n/a	ND	
MW-67	d	Bromochloromethane	74-97-5	ug/L	4/9/2014	5	n/a	ND	
MW-67	d	Bromodichloromethane	75-27-4	ug/L	4/9/2014	1	n/a	ND	
MW-67	d	Bromoform	75-25-2	ug/L	4/9/2014	5	n/a	ND	
MW-67	d	Carbon disulfide	75-15-0	ug/L	4/9/2014	1	n/a	ND	
MW-67	d	Carbon Tetrachloride	56-23-5	ug/L	4/9/2014	2	n/a	ND	
MW-67	d	Chlorobenzene	108-90-7	ug/L	4/9/2014	1	n/a	ND	
MW-67	d	Chloroethane	75-00-3	ug/L	4/9/2014	4	n/a	ND	
MW-67	d	Chloroform	67-66-3	ug/L	4/9/2014	1	n/a	ND	
MW-67	d	Chlorodibromomethane	124-48-1	ug/L	4/9/2014	5	n/a	ND	
MW-67	d	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	4/9/2014	0.12	n/a	ND	
MW-67	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	4/9/2014	0.13	n/a	ND	
MW-67	d	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	4/9/2014	10	n/a	ND	
MW-67	d	1,1-Dichloroethane	75-34-3	ug/L	4/9/2014	1	n/a	ND	
MW-67	d	1,2-Dichloroethane	107-06-2	ug/L	4/9/2014	1	n/a	ND	
MW-67	d	1,1-Dichloroethene	75-35-4	ug/L	4/9/2014	2	n/a	ND	
MW-67	d	cis-1,2-Dichloroethene	156-59-2	ug/L	4/9/2014	1	n/a	ND	
MW-67	d	trans-1,2-Dichloroethene	156-60-5	ug/L	4/9/2014	1	n/a	ND	
MW-67	d	1,2-Dichloropropane	78-87-5	ug/L	4/9/2014	1	n/a	ND	
MW-67	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	4/9/2014	5	n/a	ND	
MW-67	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	4/9/2014	5	n/a	ND	
MW-67	d	1,2-Dichlorobenzene	95-50-1	ug/L	4/9/2014	1	n/a	ND	
MW-67	d	1,4-Dichlorobenzene	106-46-7	ug/L	4/9/2014	1	n/a	ND	
MW-67	d	Ethylbenzene	100-41-4	ug/L	4/9/2014	1	n/a	ND	
MW-67	d	2-Hexanone	591-78-6	ug/L	4/9/2014	10	n/a	ND	
MW-67	d	Bromomethane	74-83-9	ug/L	4/9/2014	4	n/a	ND	
MW-67	d	Chloromethane	74-87-3	ug/L	4/9/2014	3	n/a	ND	
MW-67	d	2-Butanone	78-93-3	ug/L	4/9/2014	10	n/a	ND	
MW-67	d	Iodomethane	74-88-4	ug/L	4/9/2014	10	n/a	ND	
MW-67	d	4-Methyl-2-pentanone	108-10-1	ug/L	4/9/2014	10	n/a	ND	
MW-67	d	Methylene Bromide	74-95-3	ug/L	4/9/2014	1	n/a	ND	
MW-67	d	Methylene Chloride	75-09-2	ug/L	4/9/2014	5	n/a	ND	
MW-67	d	Styrene	100-42-5	ug/L	4/9/2014	1	n/a	ND	
MW-67	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	4/9/2014	1	n/a	ND	
MW-67	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	4/9/2014	1	n/a	ND	
MW-67	d	Tetrachloroethene	127-18-4	ug/L	4/9/2014	1	n/a	ND	
MW-67	d	Toluene	108-88-3	ug/L	4/9/2014	1	n/a	ND	
MW-67	d	1,1,1-Trichloroethane	71-55-6	ug/L	4/9/2014	1	n/a	ND	
MW-67	d	1,1,2-Trichloroethane	79-00-5	ug/L	4/9/2014	1	n/a	ND	
MW-67	d	Trichloroethene	79-01-6	ug/L	4/9/2014	1	n/a	ND	
MW-67	d	Trichlorofluoromethane	75-69-4	ug/L	4/9/2014	4	n/a	ND	
MW-67	d	1,2,3-Trichloropropane	96-18-4	ug/L	4/9/2014	1	n/a	ND	
MW-67	d	Vinyl acetate	108-05-4	ug/L	4/9/2014	2	n/a	ND	
MW-67	d	Vinyl chloride	75-01-4	ug/L	4/9/2014	1	n/a	ND	
MW-67	d	Xylenes, total	1330-20-7	ug/L	4/9/2014	3	n/a	ND	
MW-67	d	Total Suspended Solids	TSS	mg/L	4/9/2014	5	n/a	ND	
MW-B	d	Antimony	7440-36-0	mg/L	4/9/2014	0.006	n/a	ND	
MW-B	d	Arsenic	7440-38-2	mg/L	4/9/2014	n/a	n/a	J	0.000686
MW-B	d	Barium	7440-39-3	mg/L	4/9/2014	n/a	n/a		0.0433
MW-B	d	Beryllium	7440-41-7	mg/L	4/9/2014	0.001	n/a	ND	
MW-B	d	Cadmium	7440-43-9	mg/L	4/9/2014	0.0005	n/a	ND	
MW-B	d	Chromium	7440-47-3	mg/L	4/9/2014	0.02	n/a	ND	
MW-B	d	Cobalt	7440-48-4	mg/L	4/9/2014	0.00241	n/a	ND	
MW-B	d	Copper	7440-50-8	mg/L	4/9/2014	n/a	n/a	J	0.00424
MW-B	d	Lead	7439-92-1	mg/L	4/9/2014	0.004	n/a	ND	
MW-B	d	Nickel	7440-02-0	mg/L	4/9/2014	0.05	n/a	ND	
MW-B	d	Selenium	7782-49-2	mg/L	4/9/2014	0.005	n/a	ND	
MW-B	d	Silver	7440-22-4	mg/L	4/9/2014	0.02	n/a	ND	
MW-B	d	Thallium	7440-28-0	mg/L	4/9/2014	0.002	n/a	ND	
MW-B	d	Vanadium	7440-62-2	mg/L	4/9/2014	0.05	n/a	ND	
MW-B	d	Zinc	7440-66-6	mg/L	4/9/2014	0.02	n/a	ND	
MW-B	d	Acetone	67-64-1	ug/L	4/9/2014	10	n/a	ND	
MW-B	d	Acrylonitrile	107-13-1	ug/L	4/9/2014	10	n/a	ND	
MW-B	d	Benzene	71-43-2	ug/L	4/9/2014	0.5	n/a	ND	
MW-B	d	Bromochloromethane	74-97-5	ug/L	4/9/2014	5	n/a	ND	
MW-B	d	Bromodichloromethane	75-27-4	ug/L	4/9/2014	1	n/a	ND	
MW-B	d	Bromoform	75-25-2	ug/L	4/9/2014	5	n/a	ND	
MW-B	d	Carbon disulfide	75-15-0	ug/L	4/9/2014	1	n/a	ND	
MW-B	d	Carbon Tetrachloride	56-23-5	ug/L	4/9/2014	2	n/a	ND	

Table 9A
Analytical Data Summary - Phase II MSWLF
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Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-B	d	Chlorobenzene	108-90-7	ug/L	4/9/2014	1	n/a	ND	
MW-B	d	Chloroethane	75-00-3	ug/L	4/9/2014	4	n/a	ND	
MW-B	d	Chloroform	67-66-3	ug/L	4/9/2014	1	n/a	ND	
MW-B	d	Chlorodibromomethane	124-48-1	ug/L	4/9/2014	5	n/a	ND	
MW-B	d	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	4/9/2014	0.12	n/a	ND	
MW-B	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	4/9/2014	0.13	n/a	ND	
MW-B	d	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	4/9/2014	10	n/a	ND	
MW-B	d	1,1-Dichloroethane	75-34-3	ug/L	4/9/2014	1	n/a	ND	
MW-B	d	1,2-Dichloroethane	107-06-2	ug/L	4/9/2014	1	n/a	ND	
MW-B	d	1,1-Dichloroethene	75-35-4	ug/L	4/9/2014	2	n/a	ND	
MW-B	d	cis-1,2-Dichloroethene	156-59-2	ug/L	4/9/2014	1	n/a	ND	
MW-B	d	trans-1,2-Dichloroethene	156-60-5	ug/L	4/9/2014	1	n/a	ND	
MW-B	d	1,2-Dichloropropane	78-87-5	ug/L	4/9/2014	1	n/a	ND	
MW-B	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	4/9/2014	5	n/a	ND	
MW-B	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	4/9/2014	5	n/a	ND	
MW-B	d	1,2-Dichlorobenzene	95-50-1	ug/L	4/9/2014	1	n/a	ND	
MW-B	d	1,4-Dichlorobenzene	106-46-7	ug/L	4/9/2014	1	n/a	ND	
MW-B	d	Ethylbenzene	100-41-4	ug/L	4/9/2014	1	n/a	ND	
MW-B	d	2-Hexanone	591-78-6	ug/L	4/9/2014	10	n/a	ND	
MW-B	d	Bromomethane	74-83-9	ug/L	4/9/2014	4	n/a	ND	
MW-B	d	Chloromethane	74-87-3	ug/L	4/9/2014	3	n/a	ND	
MW-B	d	2-Butanone	78-93-3	ug/L	4/9/2014	10	n/a	ND	
MW-B	d	Iodomethane	74-88-4	ug/L	4/9/2014	10	n/a	ND	
MW-B	d	4-Methyl-2-pentanone	108-10-1	ug/L	4/9/2014	10	n/a	ND	
MW-B	d	Methylene Bromide	74-95-3	ug/L	4/9/2014	1	n/a	ND	
MW-B	d	Methylene Chloride	75-09-2	ug/L	4/9/2014	5	n/a	ND	
MW-B	d	Styrene	100-42-5	ug/L	4/9/2014	1	n/a	ND	
MW-B	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	4/9/2014	1	n/a	ND	
MW-B	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	4/9/2014	1	n/a	ND	
MW-B	d	Tetrachloroethene	127-18-4	ug/L	4/9/2014	1	n/a	ND	
MW-B	d	Toluene	108-88-3	ug/L	4/9/2014	1	n/a	ND	
MW-B	d	1,1,1-Trichloroethane	71-55-6	ug/L	4/9/2014	1	n/a	ND	
MW-B	d	1,1,2-Trichloroethane	79-00-5	ug/L	4/9/2014	1	n/a	ND	
MW-B	d	Trichloroethene	79-01-6	ug/L	4/9/2014	1	n/a	ND	
MW-B	d	Trichlorofluoromethane	75-69-4	ug/L	4/9/2014	4	n/a	ND	
MW-B	d	1,2,3-Trichloropropane	96-18-4	ug/L	4/9/2014	1	n/a	ND	
MW-B	d	Vinyl acetate	108-05-4	ug/L	4/9/2014	2	n/a	ND	
MW-B	d	Vinyl chloride	75-01-4	ug/L	4/9/2014	1	n/a	ND	
MW-B	d	Xylenes, total	1330-20-7	ug/L	4/9/2014	3	n/a	ND	
MW-B	d	Total Suspended Solids	TSS	mg/L	4/9/2014	n/a	n/a	J	4
MW-C	d	Antimony	7440-36-0	mg/L	4/9/2014	0.006	n/a	ND	
MW-C	d	Antimony	7440-36-0	mg/L	4/9/2014	0.006	n/a	ND	
MW-C	d	Arsenic	7440-38-2	mg/L	4/9/2014	0.001	n/a	ND	
MW-C	d	Arsenic	7440-38-2	mg/L	4/9/2014	0.001	n/a	ND	
MW-C	d	Barium	7440-39-3	mg/L	4/9/2014	n/a	n/a		0.439
MW-C	d	Barium	7440-39-3	mg/L	4/9/2014	n/a	n/a		0.455
MW-C	d	Beryllium	7440-41-7	mg/L	4/9/2014	0.001	n/a	ND	
MW-C	d	Beryllium	7440-41-7	mg/L	4/9/2014	0.001	n/a	ND	
MW-C	d	Cadmium	7440-43-9	mg/L	4/9/2014	0.0005	n/a	ND	
MW-C	d	Cadmium	7440-43-9	mg/L	4/9/2014	0.0005	n/a	ND	
MW-C	d	Chromium	7440-47-3	mg/L	4/9/2014	0.02	n/a	ND	
MW-C	d	Chromium	7440-47-3	mg/L	4/9/2014	0.02	n/a	ND	
MW-C	d	Cobalt	7440-48-4	mg/L	4/9/2014	0.00241	n/a	ND	
MW-C	d	Cobalt	7440-48-4	mg/L	4/9/2014	0.00241	n/a	ND	
MW-C	d	Copper	7440-50-8	mg/L	4/9/2014	0.02	n/a	ND	
MW-C	d	Copper	7440-50-8	mg/L	4/9/2014	0.02	n/a	ND	
MW-C	d	Lead	7439-92-1	mg/L	4/9/2014	0.004	n/a	ND	
MW-C	d	Lead	7439-92-1	mg/L	4/9/2014	0.004	n/a	ND	
MW-C	d	Nickel	7440-02-0	mg/L	4/9/2014	0.05	n/a	ND	
MW-C	d	Nickel	7440-02-0	mg/L	4/9/2014	0.05	n/a	ND	
MW-C	d	Selenium	7782-49-2	mg/L	4/9/2014	0.005	n/a	ND	
MW-C	d	Selenium	7782-49-2	mg/L	4/9/2014	n/a	n/a	J	0.00102
MW-C	d	Silver	7440-22-4	mg/L	4/9/2014	0.02	n/a	ND	
MW-C	d	Silver	7440-22-4	mg/L	4/9/2014	0.02	n/a	ND	
MW-C	d	Thallium	7440-28-0	mg/L	4/9/2014	0.002	n/a	ND	
MW-C	d	Thallium	7440-28-0	mg/L	4/9/2014	0.002	n/a	ND	
MW-C	d	Vanadium	7440-62-2	mg/L	4/9/2014	0.05	n/a	ND	
MW-C	d	Vanadium	7440-62-2	mg/L	4/9/2014	0.05	n/a	ND	
MW-C	d	Zinc	7440-66-6	mg/L	4/9/2014	0.02	n/a	ND	
MW-C	d	Zinc	7440-66-6	mg/L	4/9/2014	0.02	n/a	ND	
MW-C	d	Acetone	67-64-1	ug/L	4/9/2014	10	n/a	ND	
MW-C	d	Acetone	67-64-1	ug/L	4/9/2014	10	n/a	ND	
MW-C	d	Acrylonitrile	107-13-1	ug/L	4/9/2014	10	n/a	ND	
MW-C	d	Acrylonitrile	107-13-1	ug/L	4/9/2014	10	n/a	ND	
MW-C	d	Benzene	71-43-2	ug/L	4/9/2014	0.5	n/a	ND	

Table 9A
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Phase II MSWLF and CWTS
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Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-C	d	Benzene	71-43-2	ug/L	4/9/2014	0.5	n/a	ND	
MW-C	d	Bromochloromethane	74-97-5	ug/L	4/9/2014	5	n/a	ND	
MW-C	d	Bromochloromethane	74-97-5	ug/L	4/9/2014	5	n/a	ND	
MW-C	d	Bromodichloromethane	75-27-4	ug/L	4/9/2014	1	n/a	ND	
MW-C	d	Bromodichloromethane	75-27-4	ug/L	4/9/2014	1	n/a	ND	
MW-C	d	Bromoform	75-25-2	ug/L	4/9/2014	5	n/a	ND	
MW-C	d	Bromoform	75-25-2	ug/L	4/9/2014	5	n/a	ND	
MW-C	d	Carbon disulfide	75-15-0	ug/L	4/9/2014	1	n/a	ND	
MW-C	d	Carbon disulfide	75-15-0	ug/L	4/9/2014	1	n/a	ND	
MW-C	d	Carbon Tetrachloride	56-23-5	ug/L	4/9/2014	2	n/a	ND	
MW-C	d	Carbon Tetrachloride	56-23-5	ug/L	4/9/2014	2	n/a	ND	
MW-C	d	Chlorobenzene	108-90-7	ug/L	4/9/2014	1	n/a	ND	
MW-C	d	Chlorobenzene	108-90-7	ug/L	4/9/2014	1	n/a	ND	
MW-C	d	Chloroethane	75-00-3	ug/L	4/9/2014	4	n/a	ND	
MW-C	d	Chloroethane	75-00-3	ug/L	4/9/2014	4	n/a	ND	
MW-C	d	Chloroform	67-66-3	ug/L	4/9/2014	1	n/a	ND	
MW-C	d	Chloroform	67-66-3	ug/L	4/9/2014	1	n/a	ND	
MW-C	d	Chlorodibromomethane	124-48-1	ug/L	4/9/2014	5	n/a	ND	
MW-C	d	Chlorodibromomethane	124-48-1	ug/L	4/9/2014	5	n/a	ND	
MW-C	d	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	4/9/2014	0.12	n/a	ND	
MW-C	d	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	4/9/2014	0.12	n/a	ND	
MW-C	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	4/9/2014	0.13	n/a	ND	
MW-C	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	4/9/2014	0.13	n/a	ND	
MW-C	d	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	4/9/2014	10	n/a	ND	
MW-C	d	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	4/9/2014	10	n/a	ND	
MW-C	d	1,1-Dichloroethane	75-34-3	ug/L	4/9/2014	1	n/a	ND	
MW-C	d	1,1-Dichloroethane	75-34-3	ug/L	4/9/2014	1	n/a	ND	
MW-C	d	1,2-Dichloroethane	107-06-2	ug/L	4/9/2014	1	n/a	ND	
MW-C	d	1,2-Dichloroethane	107-06-2	ug/L	4/9/2014	1	n/a	ND	
MW-C	d	1,2-Dichloroethane	107-06-2	ug/L	4/9/2014	1	n/a	ND	
MW-C	d	1,1-Dichloroethene	75-35-4	ug/L	4/9/2014	2	n/a	ND	
MW-C	d	1,1-Dichloroethene	75-35-4	ug/L	4/9/2014	2	n/a	ND	
MW-C	d	cis-1,2-Dichloroethene	156-59-2	ug/L	4/9/2014	1	n/a	ND	
MW-C	d	cis-1,2-Dichloroethene	156-59-2	ug/L	4/9/2014	1	n/a	ND	
MW-C	d	trans-1,2-Dichloroethene	156-60-5	ug/L	4/9/2014	1	n/a	ND	
MW-C	d	trans-1,2-Dichloroethene	156-60-5	ug/L	4/9/2014	1	n/a	ND	
MW-C	d	1,2-Dichloropropane	78-87-5	ug/L	4/9/2014	1	n/a	ND	
MW-C	d	1,2-Dichloropropane	78-87-5	ug/L	4/9/2014	1	n/a	ND	
MW-C	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	4/9/2014	5	n/a	ND	
MW-C	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	4/9/2014	5	n/a	ND	
MW-C	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	4/9/2014	5	n/a	ND	
MW-C	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	4/9/2014	5	n/a	ND	
MW-C	d	1,2-Dichlorobenzene	95-50-1	ug/L	4/9/2014	1	n/a	ND	
MW-C	d	1,2-Dichlorobenzene	95-50-1	ug/L	4/9/2014	1	n/a	ND	
MW-C	d	1,4-Dichlorobenzene	106-46-7	ug/L	4/9/2014	1	n/a	ND	
MW-C	d	1,4-Dichlorobenzene	106-46-7	ug/L	4/9/2014	1	n/a	ND	
MW-C	d	Ethylbenzene	100-41-4	ug/L	4/9/2014	1	n/a	ND	
MW-C	d	Ethylbenzene	100-41-4	ug/L	4/9/2014	1	n/a	ND	
MW-C	d	2-Hexanone	591-78-6	ug/L	4/9/2014	10	n/a	ND	
MW-C	d	2-Hexanone	591-78-6	ug/L	4/9/2014	10	n/a	ND	
MW-C	d	Bromomethane	74-83-9	ug/L	4/9/2014	4	n/a	ND	
MW-C	d	Bromomethane	74-83-9	ug/L	4/9/2014	4	n/a	ND	
MW-C	d	Chloromethane	74-87-3	ug/L	4/9/2014	3	n/a	ND	
MW-C	d	Chloromethane	74-87-3	ug/L	4/9/2014	3	n/a	ND	
MW-C	d	2-Butanone	78-93-3	ug/L	4/9/2014	10	n/a	ND	
MW-C	d	2-Butanone	78-93-3	ug/L	4/9/2014	10	n/a	ND	
MW-C	d	Iodomethane	74-88-4	ug/L	4/9/2014	10	n/a	ND	
MW-C	d	Iodomethane	74-88-4	ug/L	4/9/2014	10	n/a	ND	
MW-C	d	4-Methyl-2-pentanone	108-10-1	ug/L	4/9/2014	10	n/a	ND	
MW-C	d	4-Methyl-2-pentanone	108-10-1	ug/L	4/9/2014	10	n/a	ND	
MW-C	d	Methylene Bromide	74-95-3	ug/L	4/9/2014	1	n/a	ND	
MW-C	d	Methylene Bromide	74-95-3	ug/L	4/9/2014	1	n/a	ND	
MW-C	d	Methylene Chloride	75-09-2	ug/L	4/9/2014	5	n/a	ND	
MW-C	d	Methylene Chloride	75-09-2	ug/L	4/9/2014	5	n/a	ND	
MW-C	d	Styrene	100-42-5	ug/L	4/9/2014	1	n/a	ND	
MW-C	d	Styrene	100-42-5	ug/L	4/9/2014	1	n/a	ND	
MW-C	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	4/9/2014	1	n/a	ND	
MW-C	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	4/9/2014	1	n/a	ND	
MW-C	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	4/9/2014	1	n/a	ND	
MW-C	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	4/9/2014	1	n/a	ND	
MW-C	d	Tetrachloroethene	127-18-4	ug/L	4/9/2014	1	n/a	ND	
MW-C	d	Tetrachloroethene	127-18-4	ug/L	4/9/2014	1	n/a	ND	
MW-C	d	Toluene	108-88-3	ug/L	4/9/2014	1	n/a	ND	
MW-C	d	Toluene	108-88-3	ug/L	4/9/2014	1	n/a	ND	
MW-C	d	1,1,1-Trichloroethane	71-55-6	ug/L	4/9/2014	1	n/a	ND	
MW-C	d	1,1,1-Trichloroethane	71-55-6	ug/L	4/9/2014	1	n/a	ND	

Table 9A
Analytical Data Summary - Phase II MSWLF
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Phase II MSWLF and CWTS
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-C	d	1,1,2-Trichloroethane	79-00-5	ug/L	4/9/2014	1	n/a	ND	
MW-C	d	1,1,2-Trichloroethane	79-00-5	ug/L	4/9/2014	1	n/a	ND	
MW-C	d	Trichloroethene	79-01-6	ug/L	4/9/2014	1	n/a	ND	
MW-C	d	Trichloroethene	79-01-6	ug/L	4/9/2014	1	n/a	ND	
MW-C	d	Trichlorofluoromethane	75-69-4	ug/L	4/9/2014	4	n/a	ND	
MW-C	d	Trichlorofluoromethane	75-69-4	ug/L	4/9/2014	4	n/a	ND	
MW-C	d	1,2,3-Trichloropropane	96-18-4	ug/L	4/9/2014	1	n/a	ND	
MW-C	d	1,2,3-Trichloropropane	96-18-4	ug/L	4/9/2014	1	n/a	ND	
MW-C	d	Vinyl acetate	108-05-4	ug/L	4/9/2014	2	n/a	ND	
MW-C	d	Vinyl acetate	108-05-4	ug/L	4/9/2014	2	n/a	ND	
MW-C	d	Vinyl chloride	75-01-4	ug/L	4/9/2014	1	n/a	ND	
MW-C	d	Vinyl chloride	75-01-4	ug/L	4/9/2014	1	n/a	ND	
MW-C	d	Xylenes, total	1330-20-7	ug/L	4/9/2014	3	n/a	ND	
MW-C	d	Xylenes, total	1330-20-7	ug/L	4/9/2014	3	n/a	ND	
MW-C	d	Total Suspended Solids	TSS	mg/L	4/9/2014	n/a	n/a	J	4
MW-C	d	Total Suspended Solids	TSS	mg/L	4/9/2014	5	n/a	ND	
MW-67	d	Antimony	7440-36-0	mg/L	6/10/2014	0.006	n/a	ND	
MW-67	d	Arsenic	7440-38-2	mg/L	6/10/2014	n/a	n/a	J	0.000573
MW-67	d	Barium	7440-39-3	mg/L	6/10/2014	n/a	n/a		0.0491
MW-67	d	Beryllium	7440-41-7	mg/L	6/10/2014	0.001	n/a	ND	
MW-67	d	Cadmium	7440-43-9	mg/L	6/10/2014	0.0005	n/a	ND	
MW-67	d	Chromium	7440-47-3	mg/L	6/10/2014	0.02	n/a	ND	
MW-67	d	Cobalt	7440-48-4	mg/L	6/10/2014	0.00241	n/a	ND	
MW-67	d	Copper	7440-50-8	mg/L	6/10/2014	0.02	n/a	ND	
MW-67	d	Lead	7439-92-1	mg/L	6/10/2014	0.004	n/a	ND	
MW-67	d	Nickel	7440-02-0	mg/L	6/10/2014	0.05	n/a	ND	
MW-67	d	Selenium	7782-49-2	mg/L	6/10/2014	n/a	n/a	J	0.00405
MW-67	d	Silver	7440-22-4	mg/L	6/10/2014	0.02	n/a	ND	
MW-67	d	Thallium	7440-28-0	mg/L	6/10/2014	0.002	n/a	ND	
MW-67	d	Vanadium	7440-62-2	mg/L	6/10/2014	0.05	n/a	ND	
MW-67	d	Zinc	7440-66-6	mg/L	6/10/2014	0.06	n/a	ND	
MW-67	d	Acetone	67-64-1	ug/L	6/10/2014	10	n/a	ND	
MW-67	d	Acrylonitrile	107-13-1	ug/L	6/10/2014	10	n/a	ND	
MW-67	d	Benzene	71-43-2	ug/L	6/10/2014	0.5	n/a	ND	
MW-67	d	Bromochloromethane	74-97-5	ug/L	6/10/2014	5	n/a	ND	
MW-67	d	Bromodichloromethane	75-27-4	ug/L	6/10/2014	1	n/a	ND	
MW-67	d	Bromoform	75-25-2	ug/L	6/10/2014	5	n/a	ND	
MW-67	d	Carbon disulfide	75-15-0	ug/L	6/10/2014	1	n/a	ND	
MW-67	d	Carbon Tetrachloride	56-23-5	ug/L	6/10/2014	2	n/a	ND	
MW-67	d	Chlorobenzene	108-90-7	ug/L	6/10/2014	1	n/a	ND	
MW-67	d	Chloroethane	75-00-3	ug/L	6/10/2014	4	n/a	ND	
MW-67	d	Chloroform	67-66-3	ug/L	6/10/2014	1	n/a	ND	
MW-67	d	Chlorodibromomethane	124-48-1	ug/L	6/10/2014	5	n/a	ND	
MW-67	d	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	6/10/2014	0.12	n/a	ND	
MW-67	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	6/10/2014	0.13	n/a	ND	
MW-67	d	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	6/10/2014	10	n/a	ND	
MW-67	d	1,1-Dichloroethane	75-34-3	ug/L	6/10/2014	1	n/a	ND	
MW-67	d	1,2-Dichloroethane	107-06-2	ug/L	6/10/2014	1	n/a	ND	
MW-67	d	1,1-Dichloroethene	75-35-4	ug/L	6/10/2014	2	n/a	ND	
MW-67	d	cis-1,2-Dichloroethene	156-59-2	ug/L	6/10/2014	1	n/a	ND	
MW-67	d	trans-1,2-Dichloroethene	156-60-5	ug/L	6/10/2014	1	n/a	ND	
MW-67	d	1,2-Dichloropropane	78-87-5	ug/L	6/10/2014	1	n/a	ND	
MW-67	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	6/10/2014	5	n/a	ND	
MW-67	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	6/10/2014	5	n/a	ND	
MW-67	d	1,2-Dichlorobenzene	95-50-1	ug/L	6/10/2014	1	n/a	ND	
MW-67	d	1,4-Dichlorobenzene	106-46-7	ug/L	6/10/2014	1	n/a	ND	
MW-67	d	Ethylbenzene	100-41-4	ug/L	6/10/2014	1	n/a	ND	
MW-67	d	2-Hexanone	591-78-6	ug/L	6/10/2014	10	n/a	ND	
MW-67	d	Bromomethane	74-83-9	ug/L	6/10/2014	4	n/a	ND	
MW-67	d	Chloromethane	74-87-3	ug/L	6/10/2014	3	n/a	ND	
MW-67	d	2-Butanone	78-93-3	ug/L	6/10/2014	10	n/a	ND	
MW-67	d	Iodomethane	74-88-4	ug/L	6/10/2014	10	n/a	ND	
MW-67	d	4-Methyl-2-pentanone	108-10-1	ug/L	6/10/2014	10	n/a	ND	
MW-67	d	Methylene Bromide	74-95-3	ug/L	6/10/2014	1	n/a	ND	
MW-67	d	Methylene Chloride	75-09-2	ug/L	6/10/2014	n/a	n/a	J	0.441
MW-67	d	Styrene	100-42-5	ug/L	6/10/2014	1	n/a	ND	
MW-67	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	6/10/2014	1	n/a	ND	
MW-67	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	6/10/2014	1	n/a	ND	
MW-67	d	Tetrachloroethene	127-18-4	ug/L	6/10/2014	1	n/a	ND	
MW-67	d	Toluene	108-88-3	ug/L	6/10/2014	1	n/a	ND	
MW-67	d	1,1,1-Trichloroethane	71-55-6	ug/L	6/10/2014	1	n/a	ND	
MW-67	d	1,1,2-Trichloroethane	79-00-5	ug/L	6/10/2014	1	n/a	ND	
MW-67	d	Trichloroethene	79-01-6	ug/L	6/10/2014	1	n/a	ND	
MW-67	d	Trichlorofluoromethane	75-69-4	ug/L	6/10/2014	4	n/a	ND	
MW-67	d	1,2,3-Trichloropropane	96-18-4	ug/L	6/10/2014	1	n/a	ND	

Table 9A
Analytical Data Summary - Phase II MSWLF
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Phase II MSWLF and CWTS
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-67	d	Vinyl acetate	108-05-4	ug/L	6/10/2014	2	n/a	ND	
MW-67	d	Vinyl chloride	75-01-4	ug/L	6/10/2014	1	n/a	ND	
MW-67	d	Xylenes, total	1330-20-7	ug/L	6/10/2014	3	n/a	ND	
MW-67	d	Antimony	7440-36-0	mg/L	8/26/2014	0.006	n/a	ND	
MW-67	d	Arsenic	7440-38-2	mg/L	8/26/2014	0.001	n/a	ND	
MW-67	d	Barium	7440-39-3	mg/L	8/26/2014	n/a	n/a		0.0549
MW-67	d	Beryllium	7440-41-7	mg/L	8/26/2014	0.001	n/a	ND	
MW-67	d	Cadmium	7440-43-9	mg/L	8/26/2014	0.0005	n/a	ND	
MW-67	d	Chromium	7440-47-3	mg/L	8/26/2014	0.02	n/a	ND	
MW-67	d	Cobalt	7440-48-4	mg/L	8/26/2014	0.00241	n/a	ND	
MW-67	d	Copper	7440-50-8	mg/L	8/26/2014	0.02	n/a	ND	
MW-67	d	Lead	7439-92-1	mg/L	8/26/2014	0.004	n/a	ND	
MW-67	d	Nickel	7440-02-0	mg/L	8/26/2014	n/a	n/a	J	0.0173
MW-67	d	Selenium	7782-49-2	mg/L	8/26/2014	0.005	n/a	ND	
MW-67	d	Silver	7440-22-4	mg/L	8/26/2014	0.02	n/a	ND	
MW-67	d	Thallium	7440-28-0	mg/L	8/26/2014	0.002	n/a	ND	
MW-67	d	Vanadium	7440-62-2	mg/L	8/26/2014	0.05	n/a	ND	
MW-67	d	Zinc	7440-66-6	mg/L	8/26/2014	0.02	n/a	ND	
MW-67	d	Acetone	67-64-1	ug/L	8/26/2014	10	n/a	ND	
MW-67	d	Acrylonitrile	107-13-1	ug/L	8/26/2014	10	n/a	ND	
MW-67	d	Benzene	71-43-2	ug/L	8/26/2014	0.5	n/a	ND	
MW-67	d	Bromochloromethane	74-97-5	ug/L	8/26/2014	5	n/a	ND	
MW-67	d	Bromodichloromethane	75-27-4	ug/L	8/26/2014	1	n/a	ND	
MW-67	d	Bromoform	75-25-2	ug/L	8/26/2014	5	n/a	ND	
MW-67	d	Carbon disulfide	75-15-0	ug/L	8/26/2014	1	n/a	ND	
MW-67	d	Carbon Tetrachloride	56-23-5	ug/L	8/26/2014	2	n/a	ND	
MW-67	d	Chlorobenzene	108-90-7	ug/L	8/26/2014	1	n/a	ND	
MW-67	d	Chloroethane	75-00-3	ug/L	8/26/2014	4	n/a	ND	
MW-67	d	Chloroform	67-66-3	ug/L	8/26/2014	1	n/a	ND	
MW-67	d	Chlorodibromomethane	124-48-1	ug/L	8/26/2014	5	n/a	ND	
MW-67	d	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	8/26/2014	0.12	n/a	ND	
MW-67	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	8/26/2014	0.13	n/a	ND	
MW-67	d	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	8/26/2014	10	n/a	ND	
MW-67	d	1,1-Dichloroethane	75-34-3	ug/L	8/26/2014	1	n/a	ND	
MW-67	d	1,2-Dichloroethane	107-06-2	ug/L	8/26/2014	1	n/a	ND	
MW-67	d	1,1-Dichloroethene	75-35-4	ug/L	8/26/2014	2	n/a	ND	
MW-67	d	cis-1,2-Dichloroethene	156-59-2	ug/L	8/26/2014	1	n/a	ND	
MW-67	d	trans-1,2-Dichloroethene	156-60-5	ug/L	8/26/2014	1	n/a	ND	
MW-67	d	1,2-Dichloropropane	78-87-5	ug/L	8/26/2014	1	n/a	ND	
MW-67	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	8/26/2014	5	n/a	ND	
MW-67	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	8/26/2014	5	n/a	ND	
MW-67	d	1,2-Dichlorobenzene	95-50-1	ug/L	8/26/2014	1	n/a	ND	
MW-67	d	1,4-Dichlorobenzene	106-46-7	ug/L	8/26/2014	1	n/a	ND	
MW-67	d	Ethylbenzene	100-41-4	ug/L	8/26/2014	1	n/a	ND	
MW-67	d	2-Hexanone	591-78-6	ug/L	8/26/2014	10	n/a	ND	
MW-67	d	Bromomethane	74-83-9	ug/L	8/26/2014	4	n/a	ND	
MW-67	d	Chloromethane	74-87-3	ug/L	8/26/2014	3	n/a	ND	
MW-67	d	2-Butanone	78-93-3	ug/L	8/26/2014	10	n/a	ND	
MW-67	d	Iodomethane	74-88-4	ug/L	8/26/2014	10	n/a	ND	
MW-67	d	4-Methyl-2-pentanone	108-10-1	ug/L	8/26/2014	10	n/a	ND	
MW-67	d	Methylene Bromide	74-95-3	ug/L	8/26/2014	1	n/a	ND	
MW-67	d	Methylene Chloride	75-09-2	ug/L	8/26/2014	5	n/a	ND	
MW-67	d	Styrene	100-42-5	ug/L	8/26/2014	1	n/a	ND	
MW-67	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	8/26/2014	1	n/a	ND	
MW-67	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	8/26/2014	1	n/a	ND	
MW-67	d	Tetrachloroethene	127-18-4	ug/L	8/26/2014	1	n/a	ND	
MW-67	d	Toluene	108-88-3	ug/L	8/26/2014	1	n/a	ND	
MW-67	d	1,1,1-Trichloroethane	71-55-6	ug/L	8/26/2014	1	n/a	ND	
MW-67	d	1,1,2-Trichloroethane	79-00-5	ug/L	8/26/2014	1	n/a	ND	
MW-67	d	Trichloroethene	79-01-6	ug/L	8/26/2014	1	n/a	ND	
MW-67	d	Trichlorofluoromethane	75-69-4	ug/L	8/26/2014	4	n/a	ND	
MW-67	d	1,2,3-Trichloropropane	96-18-4	ug/L	8/26/2014	1	n/a	ND	
MW-67	d	Vinyl acetate	108-05-4	ug/L	8/26/2014	2	n/a	ND	
MW-67	d	Vinyl chloride	75-01-4	ug/L	8/26/2014	1	n/a	ND	
MW-67	d	Xylenes, total	1330-20-7	ug/L	8/26/2014	3	n/a	ND	
GU-3	d	Antimony	7440-36-0	mg/L	10/21/2014	0.006	n/a	ND	
GU-3	d	Arsenic	7440-38-2	mg/L	10/21/2014	n/a	n/a		0.00159
GU-3	d	Barium	7440-39-3	mg/L	10/21/2014	n/a	n/a		0.24
GU-3	d	Beryllium	7440-41-7	mg/L	10/21/2014	0.001	n/a	ND	
GU-3	d	Cadmium	7440-43-9	mg/L	10/21/2014	n/a	n/a	J	0.000391
GU-3	d	Chromium	7440-47-3	mg/L	10/21/2014	0.02	n/a	ND	
GU-3	d	Cobalt	7440-48-4	mg/L	10/21/2014	n/a	n/a		0.00501
GU-3	d	Copper	7440-50-8	mg/L	10/21/2014	n/a	n/a	J	0.0109
GU-3	d	Lead	7439-92-1	mg/L	10/21/2014	n/a	n/a		0.00468
GU-3	d	Nickel	7440-02-0	mg/L	10/21/2014	n/a	n/a	J	0.0192

Table 9A
Analytical Data Summary - Phase II MSWLF
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Phase II MSWLF and CWTS
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Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
GU-3	d	Selenium	7782-49-2	mg/L	10/21/2014	0.005	n/a	ND	
GU-3	d	Silver	7440-22-4	mg/L	10/21/2014	0.02	n/a	ND	
GU-3	d	Thallium	7440-28-0	mg/L	10/21/2014	0.002	n/a	ND	
GU-3	d	Vanadium	7440-62-2	mg/L	10/21/2014	n/a	n/a	J	0.00751
GU-3	d	Zinc	7440-66-6	mg/L	10/21/2014	n/a	n/a	J	0.0153
GU-3	d	Acetone	67-64-1	ug/L	10/21/2014	10	n/a	ND	
GU-3	d	Acrylonitrile	107-13-1	ug/L	10/21/2014	10	n/a	ND	
GU-3	d	Benzene	71-43-2	ug/L	10/21/2014	0.5	n/a	ND	
GU-3	d	Bromochloromethane	74-97-5	ug/L	10/21/2014	5	n/a	ND	
GU-3	d	Bromodichloromethane	75-27-4	ug/L	10/21/2014	1	n/a	ND	
GU-3	d	Bromoform	75-25-2	ug/L	10/21/2014	5	n/a	ND	
GU-3	d	Carbon disulfide	75-15-0	ug/L	10/21/2014	1	n/a	ND	
GU-3	d	Carbon Tetrachloride	56-23-5	ug/L	10/21/2014	2	n/a	ND	
GU-3	d	Chlorobenzene	108-90-7	ug/L	10/21/2014	1	n/a	ND	
GU-3	d	Chloroethane	75-00-3	ug/L	10/21/2014	4	n/a	ND	
GU-3	d	Chloroform	67-66-3	ug/L	10/21/2014	1	n/a	ND	
GU-3	d	Chlorodibromomethane	124-48-1	ug/L	10/21/2014	5	n/a	ND	
GU-3	d	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	10/21/2014	0.12	n/a	ND	
GU-3	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	10/21/2014	0.13	n/a	ND	
GU-3	d	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	10/21/2014	10	n/a	ND	
GU-3	d	1,1-Dichloroethane	75-34-3	ug/L	10/21/2014	1	n/a	ND	
GU-3	d	1,2-Dichloroethane	107-06-2	ug/L	10/21/2014	1	n/a	ND	
GU-3	d	1,1-Dichloroethene	75-35-4	ug/L	10/21/2014	2	n/a	ND	
GU-3	d	cis-1,2-Dichloroethene	156-59-2	ug/L	10/21/2014	1	n/a	ND	
GU-3	d	trans-1,2-Dichloroethene	156-60-5	ug/L	10/21/2014	1	n/a	ND	
GU-3	d	1,2-Dichloropropane	78-87-5	ug/L	10/21/2014	1	n/a	ND	
GU-3	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	10/21/2014	5	n/a	ND	
GU-3	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	10/21/2014	5	n/a	ND	
GU-3	d	1,2-Dichlorobenzene	95-50-1	ug/L	10/21/2014	1	n/a	ND	
GU-3	d	1,4-Dichlorobenzene	106-46-7	ug/L	10/21/2014	1	n/a	ND	
GU-3	d	Ethylbenzene	100-41-4	ug/L	10/21/2014	1	n/a	ND	
GU-3	d	2-Hexanone	591-78-6	ug/L	10/21/2014	10	n/a	ND	
GU-3	d	Bromomethane	74-83-9	ug/L	10/21/2014	4	n/a	ND	
GU-3	d	Chloromethane	74-87-3	ug/L	10/21/2014	3	n/a	ND	
GU-3	d	2-Butanone	78-93-3	ug/L	10/21/2014	10	n/a	ND	
GU-3	d	Iodomethane	74-88-4	ug/L	10/21/2014	10	n/a	ND	
GU-3	d	4-Methyl-2-pentanone	108-10-1	ug/L	10/21/2014	10	n/a	ND	
GU-3	d	Methylene Bromide	74-95-3	ug/L	10/21/2014	1	n/a	ND	
GU-3	d	Methylene Chloride	75-09-2	ug/L	10/21/2014	5	n/a	ND	
GU-3	d	Styrene	100-42-5	ug/L	10/21/2014	1	n/a	ND	
GU-3	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	10/21/2014	1	n/a	ND	
GU-3	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	10/21/2014	1	n/a	ND	
GU-3	d	Tetrachloroethene	127-18-4	ug/L	10/21/2014	1	n/a	ND	
GU-3	d	Toluene	108-88-3	ug/L	10/21/2014	1	n/a	ND	
GU-3	d	1,1,1-Trichloroethane	71-55-6	ug/L	10/21/2014	1	n/a	ND	
GU-3	d	1,1,2-Trichloroethane	79-00-5	ug/L	10/21/2014	1	n/a	ND	
GU-3	d	Trichloroethene	79-01-6	ug/L	10/21/2014	1	n/a	ND	
GU-3	d	Trichlorofluoromethane	75-69-4	ug/L	10/21/2014	4	n/a	ND	
GU-3	d	1,2,3-Trichloropropane	96-18-4	ug/L	10/21/2014	1	n/a	ND	
GU-3	d	Vinyl acetate	108-05-4	ug/L	10/21/2014	10	n/a	ND	
GU-3	d	Vinyl chloride	75-01-4	ug/L	10/21/2014	1	n/a	ND	
GU-3	d	Xylenes, total	1330-20-7	ug/L	10/21/2014	3	n/a	ND	
GU-3	d	Total Suspended Solids	TSS	mg/L	10/21/2014	n/a	n/a		282
GU-3BG	u	Antimony	7440-36-0	mg/L	10/21/2014	0.006	n/a	ND	
GU-3BG	u	Arsenic	7440-38-2	mg/L	10/21/2014	n/a	n/a		0.00159
GU-3BG	u	Barium	7440-39-3	mg/L	10/21/2014	n/a	n/a		0.24
GU-3BG	u	Beryllium	7440-41-7	mg/L	10/21/2014	0.001	n/a	ND	
GU-3BG	u	Cadmium	7440-43-9	mg/L	10/21/2014	n/a	n/a	J	0.000391
GU-3BG	u	Chromium	7440-47-3	mg/L	10/21/2014	0.02	n/a	ND	
GU-3BG	u	Cobalt	7440-48-4	mg/L	10/21/2014	n/a	n/a		0.00501
GU-3BG	u	Copper	7440-50-8	mg/L	10/21/2014	n/a	n/a	J	0.0109
GU-3BG	u	Lead	7439-92-1	mg/L	10/21/2014	n/a	n/a		0.00468
GU-3BG	u	Nickel	7440-02-0	mg/L	10/21/2014	n/a	n/a	J	0.0192
GU-3BG	u	Selenium	7782-49-2	mg/L	10/21/2014	0.005	n/a	ND	
GU-3BG	u	Silver	7440-22-4	mg/L	10/21/2014	0.02	n/a	ND	
GU-3BG	u	Thallium	7440-28-0	mg/L	10/21/2014	0.002	n/a	ND	
GU-3BG	u	Vanadium	7440-62-2	mg/L	10/21/2014	n/a	n/a	J	0.00751
GU-3BG	u	Zinc	7440-66-6	mg/L	10/21/2014	n/a	n/a	J	0.0153
GU-3BG	u	Acetone	67-64-1	ug/L	10/21/2014	10	n/a	ND	
GU-3BG	u	Acrylonitrile	107-13-1	ug/L	10/21/2014	10	n/a	ND	
GU-3BG	u	Benzene	71-43-2	ug/L	10/21/2014	0.5	n/a	ND	
GU-3BG	u	Bromochloromethane	74-97-5	ug/L	10/21/2014	5	n/a	ND	
GU-3BG	u	Bromodichloromethane	75-27-4	ug/L	10/21/2014	1	n/a	ND	
GU-3BG	u	Bromoform	75-25-2	ug/L	10/21/2014	5	n/a	ND	
GU-3BG	u	Carbon disulfide	75-15-0	ug/L	10/21/2014	1	n/a	ND	

Table 9A
Analytical Data Summary - Phase II MSWLF
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Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
GU-3BG	u	Carbon Tetrachloride	56-23-5	ug/L	10/21/2014	2	n/a	ND	
GU-3BG	u	Chlorobenzene	108-90-7	ug/L	10/21/2014	1	n/a	ND	
GU-3BG	u	Chloroethane	75-00-3	ug/L	10/21/2014	4	n/a	ND	
GU-3BG	u	Chloroform	67-66-3	ug/L	10/21/2014	1	n/a	ND	
GU-3BG	u	Chlorodibromomethane	124-48-1	ug/L	10/21/2014	5	n/a	ND	
GU-3BG	u	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	10/21/2014	0.12	n/a	ND	
GU-3BG	u	1,2-Dibromoethane [EDB]	106-93-4	ug/L	10/21/2014	0.13	n/a	ND	
GU-3BG	u	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	10/21/2014	10	n/a	ND	
GU-3BG	u	1,1-Dichloroethane	75-34-3	ug/L	10/21/2014	1	n/a	ND	
GU-3BG	u	1,2-Dichloroethane	107-06-2	ug/L	10/21/2014	1	n/a	ND	
GU-3BG	u	1,1-Dichloroethene	75-35-4	ug/L	10/21/2014	2	n/a	ND	
GU-3BG	u	cis-1,2-Dichloroethene	156-59-2	ug/L	10/21/2014	1	n/a	ND	
GU-3BG	u	trans-1,2-Dichloroethene	156-60-5	ug/L	10/21/2014	1	n/a	ND	
GU-3BG	u	1,2-Dichloropropane	78-87-5	ug/L	10/21/2014	1	n/a	ND	
GU-3BG	u	cis-1,3-Dichloropropene	10061-01-5	ug/L	10/21/2014	5	n/a	ND	
GU-3BG	u	trans-1,3-Dichloropropene	10061-02-6	ug/L	10/21/2014	5	n/a	ND	
GU-3BG	u	1,2-Dichlorobenzene	95-50-1	ug/L	10/21/2014	1	n/a	ND	
GU-3BG	u	1,4-Dichlorobenzene	106-46-7	ug/L	10/21/2014	1	n/a	ND	
GU-3BG	u	Ethylbenzene	100-41-4	ug/L	10/21/2014	1	n/a	ND	
GU-3BG	u	2-Hexanone	591-78-6	ug/L	10/21/2014	10	n/a	ND	
GU-3BG	u	Bromomethane	74-83-9	ug/L	10/21/2014	4	n/a	ND	
GU-3BG	u	Chloromethane	74-87-3	ug/L	10/21/2014	3	n/a	ND	
GU-3BG	u	2-Butanone	78-93-3	ug/L	10/21/2014	10	n/a	ND	
GU-3BG	u	Iodomethane	74-88-4	ug/L	10/21/2014	10	n/a	ND	
GU-3BG	u	4-Methyl-2-pentanone	108-10-1	ug/L	10/21/2014	10	n/a	ND	
GU-3BG	u	Methylene Bromide	74-95-3	ug/L	10/21/2014	1	n/a	ND	
GU-3BG	u	Methylene Chloride	75-09-2	ug/L	10/21/2014	5	n/a	ND	
GU-3BG	u	Styrene	100-42-5	ug/L	10/21/2014	1	n/a	ND	
GU-3BG	u	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	10/21/2014	1	n/a	ND	
GU-3BG	u	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	10/21/2014	1	n/a	ND	
GU-3BG	u	Tetrachloroethene	127-18-4	ug/L	10/21/2014	1	n/a	ND	
GU-3BG	u	Toluene	108-88-3	ug/L	10/21/2014	1	n/a	ND	
GU-3BG	u	1,1,1-Trichloroethane	71-55-6	ug/L	10/21/2014	1	n/a	ND	
GU-3BG	u	1,1,2-Trichloroethane	79-00-5	ug/L	10/21/2014	1	n/a	ND	
GU-3BG	u	Trichloroethene	79-01-6	ug/L	10/21/2014	1	n/a	ND	
GU-3BG	u	Trichlorofluoromethane	75-69-4	ug/L	10/21/2014	4	n/a	ND	
GU-3BG	u	1,2,3-Trichloropropane	96-18-4	ug/L	10/21/2014	1	n/a	ND	
GU-3BG	u	Vinyl acetate	108-05-4	ug/L	10/21/2014	10	n/a	ND	
GU-3BG	u	Vinyl chloride	75-01-4	ug/L	10/21/2014	1	n/a	ND	
GU-3BG	u	Xylenes, total	1330-20-7	ug/L	10/21/2014	3	n/a	ND	
GU-3BG	u	Total Suspended Solids	TSS	mg/L	10/21/2014	n/a	n/a		282
GU-4	d	Antimony	7440-36-0	mg/L	10/21/2014	0.006	n/a	ND	
GU-4	d	Arsenic	7440-38-2	mg/L	10/21/2014	0.001	n/a	ND	
GU-4	d	Barium	7440-39-3	mg/L	10/21/2014	n/a	n/a		0.0639
GU-4	d	Beryllium	7440-41-7	mg/L	10/21/2014	0.001	n/a	ND	
GU-4	d	Cadmium	7440-43-9	mg/L	10/21/2014	n/a	n/a	J	0.000959
GU-4	d	Chromium	7440-47-3	mg/L	10/21/2014	0.02	n/a	ND	
GU-4	d	Cobalt	7440-48-4	mg/L	10/21/2014	n/a	n/a		0.00274
GU-4	d	Copper	7440-50-8	mg/L	10/21/2014	n/a	n/a	J	0.00512
GU-4	d	Lead	7439-92-1	mg/L	10/21/2014	0.004	n/a	ND	
GU-4	d	Nickel	7440-02-0	mg/L	10/21/2014	n/a	n/a	J	0.0234
GU-4	d	Selenium	7782-49-2	mg/L	10/21/2014	0.005	n/a	ND	
GU-4	d	Silver	7440-22-4	mg/L	10/21/2014	0.02	n/a	ND	
GU-4	d	Thallium	7440-28-0	mg/L	10/21/2014	0.002	n/a	ND	
GU-4	d	Vanadium	7440-62-2	mg/L	10/21/2014	0.05	n/a	ND	
GU-4	d	Zinc	7440-66-6	mg/L	10/21/2014	0.02	n/a	ND	
GU-4	d	Acetone	67-64-1	ug/L	10/21/2014	10	n/a	ND	
GU-4	d	Acrylonitrile	107-13-1	ug/L	10/21/2014	10	n/a	ND	
GU-4	d	Benzene	71-43-2	ug/L	10/21/2014	0.5	n/a	ND	
GU-4	d	Bromochloromethane	74-97-5	ug/L	10/21/2014	5	n/a	ND	
GU-4	d	Bromodichloromethane	75-27-4	ug/L	10/21/2014	1	n/a	ND	
GU-4	d	Bromoform	75-25-2	ug/L	10/21/2014	5	n/a	ND	
GU-4	d	Carbon disulfide	75-15-0	ug/L	10/21/2014	1	n/a	ND	
GU-4	d	Carbon Tetrachloride	56-23-5	ug/L	10/21/2014	2	n/a	ND	
GU-4	d	Chlorobenzene	108-90-7	ug/L	10/21/2014	1	n/a	ND	
GU-4	d	Chloroethane	75-00-3	ug/L	10/21/2014	4	n/a	ND	
GU-4	d	Chloroform	67-66-3	ug/L	10/21/2014	1	n/a	ND	
GU-4	d	Chlorodibromomethane	124-48-1	ug/L	10/21/2014	5	n/a	ND	
GU-4	d	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	10/21/2014	0.12	n/a	ND	
GU-4	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	10/21/2014	0.13	n/a	ND	
GU-4	d	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	10/21/2014	10	n/a	ND	
GU-4	d	1,1-Dichloroethane	75-34-3	ug/L	10/21/2014	1	n/a	ND	
GU-4	d	1,2-Dichloroethane	107-06-2	ug/L	10/21/2014	1	n/a	ND	
GU-4	d	1,1-Dichloroethene	75-35-4	ug/L	10/21/2014	2	n/a	ND	
GU-4	d	cis-1,2-Dichloroethene	156-59-2	ug/L	10/21/2014	1	n/a	ND	

Table 9A
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Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
GU-4	d	trans-1,2-Dichloroethene	156-60-5	ug/L	10/21/2014	1	n/a	ND	
GU-4	d	1,2-Dichloropropane	78-87-5	ug/L	10/21/2014	1	n/a	ND	
GU-4	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	10/21/2014	5	n/a	ND	
GU-4	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	10/21/2014	5	n/a	ND	
GU-4	d	1,2-Dichlorobenzene	95-50-1	ug/L	10/21/2014	1	n/a	ND	
GU-4	d	1,4-Dichlorobenzene	106-46-7	ug/L	10/21/2014	1	n/a	ND	
GU-4	d	Ethylbenzene	100-41-4	ug/L	10/21/2014	1	n/a	ND	
GU-4	d	2-Hexanone	591-78-6	ug/L	10/21/2014	10	n/a	ND	
GU-4	d	Bromomethane	74-83-9	ug/L	10/21/2014	4	n/a	ND	
GU-4	d	Chloromethane	74-87-3	ug/L	10/21/2014	3	n/a	ND	
GU-4	d	2-Butanone	78-93-3	ug/L	10/21/2014	10	n/a	ND	
GU-4	d	Iodomethane	74-88-4	ug/L	10/21/2014	10	n/a	ND	
GU-4	d	4-Methyl-2-pentanone	108-10-1	ug/L	10/21/2014	10	n/a	ND	
GU-4	d	Methylene Bromide	74-95-3	ug/L	10/21/2014	1	n/a	ND	
GU-4	d	Methylene Chloride	75-09-2	ug/L	10/21/2014	5	n/a	ND	
GU-4	d	Styrene	100-42-5	ug/L	10/21/2014	1	n/a	ND	
GU-4	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	10/21/2014	1	n/a	ND	
GU-4	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	10/21/2014	1	n/a	ND	
GU-4	d	Tetrachloroethene	127-18-4	ug/L	10/21/2014	1	n/a	ND	
GU-4	d	Toluene	108-88-3	ug/L	10/21/2014	1	n/a	ND	
GU-4	d	1,1,1-Trichloroethane	71-55-6	ug/L	10/21/2014	1	n/a	ND	
GU-4	d	1,1,2-Trichloroethane	79-00-5	ug/L	10/21/2014	1	n/a	ND	
GU-4	d	Trichloroethene	79-01-6	ug/L	10/21/2014	1	n/a	ND	
GU-4	d	Trichlorofluoromethane	75-69-4	ug/L	10/21/2014	4	n/a	ND	
GU-4	d	1,2,3-Trichloropropane	96-18-4	ug/L	10/21/2014	1	n/a	ND	
GU-4	d	Vinyl acetate	108-05-4	ug/L	10/21/2014	10	n/a	ND	
GU-4	d	Vinyl chloride	75-01-4	ug/L	10/21/2014	1	n/a	ND	
GU-4	d	Xylenes, total	1330-20-7	ug/L	10/21/2014	3	n/a	ND	
GU-4	d	Total Suspended Solids	TSS	mg/L	10/21/2014	n/a	n/a		2.86
GU-5	d	Antimony	7440-36-0	mg/L	10/21/2014	0.006	n/a	ND	
GU-5	d	Arsenic	7440-38-2	mg/L	10/21/2014	n/a	n/a		0.00427
GU-5	d	Barium	7440-39-3	mg/L	10/21/2014	n/a	n/a		0.187
GU-5	d	Beryllium	7440-41-7	mg/L	10/21/2014	0.001	n/a	ND	
GU-5	d	Cadmium	7440-43-9	mg/L	10/21/2014	0.0005	n/a	ND	
GU-5	d	Chromium	7440-47-3	mg/L	10/21/2014	0.02	n/a	ND	
GU-5	d	Cobalt	7440-48-4	mg/L	10/21/2014	n/a	n/a		0.0101
GU-5	d	Copper	7440-50-8	mg/L	10/21/2014	n/a	n/a	J	0.00573
GU-5	d	Lead	7439-92-1	mg/L	10/21/2014	0.004	n/a	ND	
GU-5	d	Nickel	7440-02-0	mg/L	10/21/2014	n/a	n/a	J	0.0289
GU-5	d	Selenium	7782-49-2	mg/L	10/21/2014	0.005	n/a	ND	
GU-5	d	Silver	7440-22-4	mg/L	10/21/2014	0.02	n/a	ND	
GU-5	d	Thallium	7440-28-0	mg/L	10/21/2014	0.002	n/a	ND	
GU-5	d	Vanadium	7440-62-2	mg/L	10/21/2014	0.05	n/a	ND	
GU-5	d	Zinc	7440-66-6	mg/L	10/21/2014	n/a	n/a	J	0.0153
GU-5	d	Acetone	67-64-1	ug/L	10/21/2014	10	n/a	ND	
GU-5	d	Acrylonitrile	107-13-1	ug/L	10/21/2014	10	n/a	ND	
GU-5	d	Benzene	71-43-2	ug/L	10/21/2014	0.5	n/a	ND	
GU-5	d	Bromochloromethane	74-97-5	ug/L	10/21/2014	5	n/a	ND	
GU-5	d	Bromodichloromethane	75-27-4	ug/L	10/21/2014	1	n/a	ND	
GU-5	d	Bromoform	75-25-2	ug/L	10/21/2014	5	n/a	ND	
GU-5	d	Carbon disulfide	75-15-0	ug/L	10/21/2014	1	n/a	ND	
GU-5	d	Carbon Tetrachloride	56-23-5	ug/L	10/21/2014	2	n/a	ND	
GU-5	d	Chlorobenzene	108-90-7	ug/L	10/21/2014	1	n/a	ND	
GU-5	d	Chloroethane	75-00-3	ug/L	10/21/2014	4	n/a	ND	
GU-5	d	Chloroform	67-66-3	ug/L	10/21/2014	1	n/a	ND	
GU-5	d	Chlorodibromomethane	124-48-1	ug/L	10/21/2014	5	n/a	ND	
GU-5	d	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	10/21/2014	0.12	n/a	ND	
GU-5	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	10/21/2014	0.13	n/a	ND	
GU-5	d	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	10/21/2014	10	n/a	ND	
GU-5	d	1,1-Dichloroethane	75-34-3	ug/L	10/21/2014	1	n/a	ND	
GU-5	d	1,2-Dichloroethane	107-06-2	ug/L	10/21/2014	1	n/a	ND	
GU-5	d	1,1-Dichloroethene	75-35-4	ug/L	10/21/2014	2	n/a	ND	
GU-5	d	cis-1,2-Dichloroethene	156-59-2	ug/L	10/21/2014	1	n/a	ND	
GU-5	d	trans-1,2-Dichloroethene	156-60-5	ug/L	10/21/2014	1	n/a	ND	
GU-5	d	1,2-Dichloropropane	78-87-5	ug/L	10/21/2014	1	n/a	ND	
GU-5	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	10/21/2014	5	n/a	ND	
GU-5	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	10/21/2014	5	n/a	ND	
GU-5	d	1,2-Dichlorobenzene	95-50-1	ug/L	10/21/2014	1	n/a	ND	
GU-5	d	1,4-Dichlorobenzene	106-46-7	ug/L	10/21/2014	1	n/a	ND	
GU-5	d	Ethylbenzene	100-41-4	ug/L	10/21/2014	1	n/a	ND	
GU-5	d	2-Hexanone	591-78-6	ug/L	10/21/2014	10	n/a	ND	
GU-5	d	Bromomethane	74-83-9	ug/L	10/21/2014	4	n/a	ND	
GU-5	d	Chloromethane	74-87-3	ug/L	10/21/2014	3	n/a	ND	
GU-5	d	2-Butanone	78-93-3	ug/L	10/21/2014	10	n/a	ND	
GU-5	d	Iodomethane	74-88-4	ug/L	10/21/2014	10	n/a	ND	

Table 9A
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Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
GU-5	d	4-Methyl-2-pentanone	108-10-1	ug/L	10/21/2014	10	n/a	ND	
GU-5	d	Methylene Bromide	74-95-3	ug/L	10/21/2014	1	n/a	ND	
GU-5	d	Methylene Chloride	75-09-2	ug/L	10/21/2014	5	n/a	ND	
GU-5	d	Styrene	100-42-5	ug/L	10/21/2014	1	n/a	ND	
GU-5	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	10/21/2014	1	n/a	ND	
GU-5	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	10/21/2014	1	n/a	ND	
GU-5	d	Tetrachloroethene	127-18-4	ug/L	10/21/2014	1	n/a	ND	
GU-5	d	Toluene	108-88-3	ug/L	10/21/2014	1	n/a	ND	
GU-5	d	1,1,1-Trichloroethane	71-55-6	ug/L	10/21/2014	1	n/a	ND	
GU-5	d	1,1,2-Trichloroethane	79-00-5	ug/L	10/21/2014	1	n/a	ND	
GU-5	d	Trichloroethene	79-01-6	ug/L	10/21/2014	1	n/a	ND	
GU-5	d	Trichlorofluoromethane	75-69-4	ug/L	10/21/2014	4	n/a	ND	
GU-5	d	1,2,3-Trichloropropane	96-18-4	ug/L	10/21/2014	1	n/a	ND	
GU-5	d	Vinyl acetate	108-05-4	ug/L	10/21/2014	10	n/a	ND	
GU-5	d	Vinyl chloride	75-01-4	ug/L	10/21/2014	1	n/a	ND	
GU-5	d	Xylenes, total	1330-20-7	ug/L	10/21/2014	3	n/a	ND	
GU-5	d	Total Suspended Solids	TSS	mg/L	10/21/2014	n/a	n/a		24
GU-5BG	u	Antimony	7440-36-0	mg/L	10/21/2014	0.006	n/a	ND	
GU-5BG	u	Arsenic	7440-38-2	mg/L	10/21/2014	n/a	n/a		0.00427
GU-5BG	u	Barium	7440-39-3	mg/L	10/21/2014	n/a	n/a		0.187
GU-5BG	u	Beryllium	7440-41-7	mg/L	10/21/2014	0.001	n/a	ND	
GU-5BG	u	Cadmium	7440-43-9	mg/L	10/21/2014	0.0005	n/a	ND	
GU-5BG	u	Chromium	7440-47-3	mg/L	10/21/2014	0.02	n/a	ND	
GU-5BG	u	Cobalt	7440-48-4	mg/L	10/21/2014	n/a	n/a		0.0101
GU-5BG	u	Copper	7440-50-8	mg/L	10/21/2014	n/a	n/a	J	0.00573
GU-5BG	u	Lead	7439-92-1	mg/L	10/21/2014	0.004	n/a	ND	
GU-5BG	u	Nickel	7440-02-0	mg/L	10/21/2014	n/a	n/a	J	0.0289
GU-5BG	u	Selenium	7782-49-2	mg/L	10/21/2014	0.005	n/a	ND	
GU-5BG	u	Silver	7440-22-4	mg/L	10/21/2014	0.02	n/a	ND	
GU-5BG	u	Thallium	7440-28-0	mg/L	10/21/2014	0.002	n/a	ND	
GU-5BG	u	Vanadium	7440-62-2	mg/L	10/21/2014	0.05	n/a	ND	
GU-5BG	u	Zinc	7440-66-6	mg/L	10/21/2014	n/a	n/a	J	0.0153
GU-5BG	u	Acetone	67-64-1	ug/L	10/21/2014	10	n/a	ND	
GU-5BG	u	Acrylonitrile	107-13-1	ug/L	10/21/2014	10	n/a	ND	
GU-5BG	u	Benzene	71-43-2	ug/L	10/21/2014	0.5	n/a	ND	
GU-5BG	u	Bromochloromethane	74-97-5	ug/L	10/21/2014	5	n/a	ND	
GU-5BG	u	Bromodichloromethane	75-27-4	ug/L	10/21/2014	1	n/a	ND	
GU-5BG	u	Bromoform	75-25-2	ug/L	10/21/2014	5	n/a	ND	
GU-5BG	u	Carbon disulfide	75-15-0	ug/L	10/21/2014	1	n/a	ND	
GU-5BG	u	Carbon Tetrachloride	56-23-5	ug/L	10/21/2014	2	n/a	ND	
GU-5BG	u	Chlorobenzene	108-90-7	ug/L	10/21/2014	1	n/a	ND	
GU-5BG	u	Chloroethane	75-00-3	ug/L	10/21/2014	4	n/a	ND	
GU-5BG	u	Chloroform	67-66-3	ug/L	10/21/2014	1	n/a	ND	
GU-5BG	u	Chlorodibromomethane	124-48-1	ug/L	10/21/2014	5	n/a	ND	
GU-5BG	u	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	10/21/2014	0.12	n/a	ND	
GU-5BG	u	1,2-Dibromoethane [EDB]	106-93-4	ug/L	10/21/2014	0.13	n/a	ND	
GU-5BG	u	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	10/21/2014	10	n/a	ND	
GU-5BG	u	1,1-Dichloroethane	75-34-3	ug/L	10/21/2014	1	n/a	ND	
GU-5BG	u	1,2-Dichloroethane	107-06-2	ug/L	10/21/2014	1	n/a	ND	
GU-5BG	u	1,1-Dichloroethene	75-35-4	ug/L	10/21/2014	2	n/a	ND	
GU-5BG	u	cis-1,2-Dichloroethene	156-59-2	ug/L	10/21/2014	1	n/a	ND	
GU-5BG	u	trans-1,2-Dichloroethene	156-60-5	ug/L	10/21/2014	1	n/a	ND	
GU-5BG	u	1,2-Dichloropropane	78-87-5	ug/L	10/21/2014	1	n/a	ND	
GU-5BG	u	cis-1,3-Dichloropropene	10061-01-5	ug/L	10/21/2014	5	n/a	ND	
GU-5BG	u	trans-1,3-Dichloropropene	10061-02-6	ug/L	10/21/2014	5	n/a	ND	
GU-5BG	u	1,2-Dichlorobenzene	95-50-1	ug/L	10/21/2014	1	n/a	ND	
GU-5BG	u	1,4-Dichlorobenzene	106-46-7	ug/L	10/21/2014	1	n/a	ND	
GU-5BG	u	Ethylbenzene	100-41-4	ug/L	10/21/2014	1	n/a	ND	
GU-5BG	u	2-Hexanone	591-78-6	ug/L	10/21/2014	10	n/a	ND	
GU-5BG	u	Bromomethane	74-83-9	ug/L	10/21/2014	4	n/a	ND	
GU-5BG	u	Chloromethane	74-87-3	ug/L	10/21/2014	3	n/a	ND	
GU-5BG	u	2-Butanone	78-93-3	ug/L	10/21/2014	10	n/a	ND	
GU-5BG	u	Iodomethane	74-88-4	ug/L	10/21/2014	10	n/a	ND	
GU-5BG	u	4-Methyl-2-pentanone	108-10-1	ug/L	10/21/2014	10	n/a	ND	
GU-5BG	u	Methylene Bromide	74-95-3	ug/L	10/21/2014	1	n/a	ND	
GU-5BG	u	Methylene Chloride	75-09-2	ug/L	10/21/2014	5	n/a	ND	
GU-5BG	u	Styrene	100-42-5	ug/L	10/21/2014	1	n/a	ND	
GU-5BG	u	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	10/21/2014	1	n/a	ND	
GU-5BG	u	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	10/21/2014	1	n/a	ND	
GU-5BG	u	Tetrachloroethene	127-18-4	ug/L	10/21/2014	1	n/a	ND	
GU-5BG	u	Toluene	108-88-3	ug/L	10/21/2014	1	n/a	ND	
GU-5BG	u	1,1,1-Trichloroethane	71-55-6	ug/L	10/21/2014	1	n/a	ND	
GU-5BG	u	1,1,2-Trichloroethane	79-00-5	ug/L	10/21/2014	1	n/a	ND	
GU-5BG	u	Trichloroethene	79-01-6	ug/L	10/21/2014	1	n/a	ND	
GU-5BG	u	Trichlorofluoromethane	75-69-4	ug/L	10/21/2014	4	n/a	ND	

Table 9A
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Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
GU-5BG	u	1,2,3-Trichloropropane	96-18-4	ug/L	10/21/2014	1	n/a	ND	
GU-5BG	u	Vinyl acetate	108-05-4	ug/L	10/21/2014	10	n/a	ND	
GU-5BG	u	Vinyl chloride	75-01-4	ug/L	10/21/2014	1	n/a	ND	
GU-5BG	u	Xylenes, total	1330-20-7	ug/L	10/21/2014	3	n/a	ND	
GU-5BG	u	Total Suspended Solids	TSS	mg/L	10/21/2014	n/a	n/a		24
MW-26	u	Antimony	7440-36-0	mg/L	10/21/2014	0.006	n/a	ND	
MW-26	u	Arsenic	7440-38-2	mg/L	10/21/2014	0.001	n/a	ND	
MW-26	u	Barium	7440-39-3	mg/L	10/21/2014	n/a	n/a		0.0635
MW-26	u	Beryllium	7440-41-7	mg/L	10/21/2014	0.001	n/a	ND	
MW-26	u	Cadmium	7440-43-9	mg/L	10/21/2014	0.0005	n/a	ND	
MW-26	u	Chromium	7440-47-3	mg/L	10/21/2014	n/a	n/a	J	0.0116
MW-26	u	Cobalt	7440-48-4	mg/L	10/21/2014	0.00241	n/a	ND	
MW-26	u	Copper	7440-50-8	mg/L	10/21/2014	0.02	n/a	ND	
MW-26	u	Lead	7439-92-1	mg/L	10/21/2014	0.004	n/a	ND	
MW-26	u	Nickel	7440-02-0	mg/L	10/21/2014	n/a	n/a	J	0.0112
MW-26	u	Selenium	7782-49-2	mg/L	10/21/2014	n/a	n/a		0.0791
MW-26	u	Silver	7440-22-4	mg/L	10/21/2014	0.02	n/a	ND	
MW-26	u	Thallium	7440-28-0	mg/L	10/21/2014	0.002	n/a	ND	
MW-26	u	Vanadium	7440-62-2	mg/L	10/21/2014	0.05	n/a	ND	
MW-26	u	Zinc	7440-66-6	mg/L	10/21/2014	0.02	n/a	ND	
MW-26	u	Total Suspended Solids	TSS	mg/L	10/21/2014	1.88	n/a	ND	
MW-67	d	Antimony	7440-36-0	mg/L	10/21/2014	0.006	n/a	ND	
MW-67	d	Antimony	7440-36-0	mg/L	10/21/2014	0.006	n/a	ND	
MW-67	d	Arsenic	7440-38-2	mg/L	10/21/2014	0.001	n/a	ND	
MW-67	d	Arsenic	7440-38-2	mg/L	10/21/2014	0.001	n/a	ND	
MW-67	d	Barium	7440-39-3	mg/L	10/21/2014	n/a	n/a		0.0553
MW-67	d	Barium	7440-39-3	mg/L	10/21/2014	n/a	n/a		0.0582
MW-67	d	Beryllium	7440-41-7	mg/L	10/21/2014	0.001	n/a	ND	
MW-67	d	Beryllium	7440-41-7	mg/L	10/21/2014	0.001	n/a	ND	
MW-67	d	Cadmium	7440-43-9	mg/L	10/21/2014	n/a	n/a	J	0.000108
MW-67	d	Cadmium	7440-43-9	mg/L	10/21/2014	n/a	n/a	J	0.000104
MW-67	d	Chromium	7440-47-3	mg/L	10/21/2014	0.02	n/a	ND	
MW-67	d	Chromium	7440-47-3	mg/L	10/21/2014	0.02	n/a	ND	
MW-67	d	Cobalt	7440-48-4	mg/L	10/21/2014	0.00241	n/a	ND	
MW-67	d	Cobalt	7440-48-4	mg/L	10/21/2014	0.00241	n/a	ND	
MW-67	d	Copper	7440-50-8	mg/L	10/21/2014	0.02	n/a	ND	
MW-67	d	Copper	7440-50-8	mg/L	10/21/2014	0.02	n/a	ND	
MW-67	d	Lead	7439-92-1	mg/L	10/21/2014	0.004	n/a	ND	
MW-67	d	Lead	7439-92-1	mg/L	10/21/2014	0.004	n/a	ND	
MW-67	d	Nickel	7440-02-0	mg/L	10/21/2014	n/a	n/a	J	0.0161
MW-67	d	Nickel	7440-02-0	mg/L	10/21/2014	n/a	n/a	J	0.0177
MW-67	d	Selenium	7782-49-2	mg/L	10/21/2014	0.005	n/a	ND	
MW-67	d	Selenium	7782-49-2	mg/L	10/21/2014	n/a	n/a	J	0.000599
MW-67	d	Silver	7440-22-4	mg/L	10/21/2014	0.02	n/a	ND	
MW-67	d	Silver	7440-22-4	mg/L	10/21/2014	0.02	n/a	ND	
MW-67	d	Thallium	7440-28-0	mg/L	10/21/2014	0.002	n/a	ND	
MW-67	d	Thallium	7440-28-0	mg/L	10/21/2014	0.002	n/a	ND	
MW-67	d	Vanadium	7440-62-2	mg/L	10/21/2014	0.05	n/a	ND	
MW-67	d	Vanadium	7440-62-2	mg/L	10/21/2014	0.05	n/a	ND	
MW-67	d	Zinc	7440-66-6	mg/L	10/21/2014	0.02	n/a	ND	
MW-67	d	Zinc	7440-66-6	mg/L	10/21/2014	0.02	n/a	ND	
MW-67	d	Acetone	67-64-1	ug/L	10/21/2014	10	n/a	ND	
MW-67	d	Acetone	67-64-1	ug/L	10/21/2014	10	n/a	ND	
MW-67	d	Acrylonitrile	107-13-1	ug/L	10/21/2014	10	n/a	ND	
MW-67	d	Acrylonitrile	107-13-1	ug/L	10/21/2014	10	n/a	ND	
MW-67	d	Benzene	71-43-2	ug/L	10/21/2014	0.5	n/a	ND	
MW-67	d	Benzene	71-43-2	ug/L	10/21/2014	0.5	n/a	ND	
MW-67	d	Bromochloromethane	74-97-5	ug/L	10/21/2014	5	n/a	ND	
MW-67	d	Bromochloromethane	74-97-5	ug/L	10/21/2014	5	n/a	ND	
MW-67	d	Bromodichloromethane	75-27-4	ug/L	10/21/2014	1	n/a	ND	
MW-67	d	Bromodichloromethane	75-27-4	ug/L	10/21/2014	1	n/a	ND	
MW-67	d	Bromoform	75-25-2	ug/L	10/21/2014	5	n/a	ND	
MW-67	d	Bromoform	75-25-2	ug/L	10/21/2014	5	n/a	ND	
MW-67	d	Carbon disulfide	75-15-0	ug/L	10/21/2014	1	n/a	ND	
MW-67	d	Carbon disulfide	75-15-0	ug/L	10/21/2014	1	n/a	ND	
MW-67	d	Carbon Tetrachloride	56-23-5	ug/L	10/21/2014	2	n/a	ND	
MW-67	d	Carbon Tetrachloride	56-23-5	ug/L	10/21/2014	2	n/a	ND	
MW-67	d	Chlorobenzene	108-90-7	ug/L	10/21/2014	1	n/a	ND	
MW-67	d	Chlorobenzene	108-90-7	ug/L	10/21/2014	1	n/a	ND	
MW-67	d	Chloroethane	75-00-3	ug/L	10/21/2014	4	n/a	ND	
MW-67	d	Chloroethane	75-00-3	ug/L	10/21/2014	4	n/a	ND	
MW-67	d	Chloroform	67-66-3	ug/L	10/21/2014	1	n/a	ND	
MW-67	d	Chloroform	67-66-3	ug/L	10/21/2014	1	n/a	ND	
MW-67	d	Chlorodibromomethane	124-48-1	ug/L	10/21/2014	5	n/a	ND	
MW-67	d	Chlorodibromomethane	124-48-1	ug/L	10/21/2014	5	n/a	ND	

Table 9A
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Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-67	d	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	10/21/2014	0.12	n/a	ND	
MW-67	d	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	10/21/2014	0.12	n/a	ND	
MW-67	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	10/21/2014	0.13	n/a	ND	
MW-67	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	10/21/2014	0.13	n/a	ND	
MW-67	d	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	10/21/2014	10	n/a	ND	
MW-67	d	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	10/21/2014	10	n/a	ND	
MW-67	d	1,1-Dichloroethane	75-34-3	ug/L	10/21/2014	1	n/a	ND	
MW-67	d	1,1-Dichloroethane	75-34-3	ug/L	10/21/2014	1	n/a	ND	
MW-67	d	1,2-Dichloroethane	107-06-2	ug/L	10/21/2014	1	n/a	ND	
MW-67	d	1,2-Dichloroethane	107-06-2	ug/L	10/21/2014	1	n/a	ND	
MW-67	d	1,1-Dichloroethene	75-35-4	ug/L	10/21/2014	2	n/a	ND	
MW-67	d	1,1-Dichloroethene	75-35-4	ug/L	10/21/2014	2	n/a	ND	
MW-67	d	cis-1,2-Dichloroethene	156-59-2	ug/L	10/21/2014	1	n/a	ND	
MW-67	d	cis-1,2-Dichloroethene	156-59-2	ug/L	10/21/2014	1	n/a	ND	
MW-67	d	trans-1,2-Dichloroethene	156-60-5	ug/L	10/21/2014	1	n/a	ND	
MW-67	d	trans-1,2-Dichloroethene	156-60-5	ug/L	10/21/2014	1	n/a	ND	
MW-67	d	1,2-Dichloropropane	78-87-5	ug/L	10/21/2014	1	n/a	ND	
MW-67	d	1,2-Dichloropropane	78-87-5	ug/L	10/21/2014	1	n/a	ND	
MW-67	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	10/21/2014	5	n/a	ND	
MW-67	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	10/21/2014	5	n/a	ND	
MW-67	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	10/21/2014	5	n/a	ND	
MW-67	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	10/21/2014	5	n/a	ND	
MW-67	d	1,2-Dichlorobenzene	95-50-1	ug/L	10/21/2014	1	n/a	ND	
MW-67	d	1,2-Dichlorobenzene	95-50-1	ug/L	10/21/2014	1	n/a	ND	
MW-67	d	1,4-Dichlorobenzene	106-46-7	ug/L	10/21/2014	1	n/a	ND	
MW-67	d	1,4-Dichlorobenzene	106-46-7	ug/L	10/21/2014	1	n/a	ND	
MW-67	d	Ethylbenzene	100-41-4	ug/L	10/21/2014	1	n/a	ND	
MW-67	d	Ethylbenzene	100-41-4	ug/L	10/21/2014	1	n/a	ND	
MW-67	d	2-Hexanone	591-78-6	ug/L	10/21/2014	10	n/a	ND	
MW-67	d	2-Hexanone	591-78-6	ug/L	10/21/2014	10	n/a	ND	
MW-67	d	Bromomethane	74-83-9	ug/L	10/21/2014	4	n/a	ND	
MW-67	d	Bromomethane	74-83-9	ug/L	10/21/2014	4	n/a	ND	
MW-67	d	Chloromethane	74-87-3	ug/L	10/21/2014	3	n/a	ND	
MW-67	d	Chloromethane	74-87-3	ug/L	10/21/2014	3	n/a	ND	
MW-67	d	2-Butanone	78-93-3	ug/L	10/21/2014	10	n/a	ND	
MW-67	d	2-Butanone	78-93-3	ug/L	10/21/2014	10	n/a	ND	
MW-67	d	Iodomethane	74-88-4	ug/L	10/21/2014	10	n/a	ND	
MW-67	d	Iodomethane	74-88-4	ug/L	10/21/2014	10	n/a	ND	
MW-67	d	4-Methyl-2-pentanone	108-10-1	ug/L	10/21/2014	10	n/a	ND	
MW-67	d	4-Methyl-2-pentanone	108-10-1	ug/L	10/21/2014	10	n/a	ND	
MW-67	d	Methylene Bromide	74-95-3	ug/L	10/21/2014	1	n/a	ND	
MW-67	d	Methylene Bromide	74-95-3	ug/L	10/21/2014	1	n/a	ND	
MW-67	d	Methylene Chloride	75-09-2	ug/L	10/21/2014	5	n/a	ND	
MW-67	d	Methylene Chloride	75-09-2	ug/L	10/21/2014	5	n/a	ND	
MW-67	d	Styrene	100-42-5	ug/L	10/21/2014	1	n/a	ND	
MW-67	d	Styrene	100-42-5	ug/L	10/21/2014	1	n/a	ND	
MW-67	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	10/21/2014	1	n/a	ND	
MW-67	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	10/21/2014	1	n/a	ND	
MW-67	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	10/21/2014	1	n/a	ND	
MW-67	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	10/21/2014	1	n/a	ND	
MW-67	d	Tetrachloroethene	127-18-4	ug/L	10/21/2014	1	n/a	ND	
MW-67	d	Tetrachloroethene	127-18-4	ug/L	10/21/2014	1	n/a	ND	
MW-67	d	Toluene	108-88-3	ug/L	10/21/2014	1	n/a	ND	
MW-67	d	Toluene	108-88-3	ug/L	10/21/2014	1	n/a	ND	
MW-67	d	1,1,1-Trichloroethane	71-55-6	ug/L	10/21/2014	1	n/a	ND	
MW-67	d	1,1,1-Trichloroethane	71-55-6	ug/L	10/21/2014	1	n/a	ND	
MW-67	d	1,1,2-Trichloroethane	79-00-5	ug/L	10/21/2014	1	n/a	ND	
MW-67	d	1,1,2-Trichloroethane	79-00-5	ug/L	10/21/2014	1	n/a	ND	
MW-67	d	Trichloroethene	79-01-6	ug/L	10/21/2014	1	n/a	ND	
MW-67	d	Trichloroethene	79-01-6	ug/L	10/21/2014	1	n/a	ND	
MW-67	d	Trichlorofluoromethane	75-69-4	ug/L	10/21/2014	4	n/a	ND	
MW-67	d	Trichlorofluoromethane	75-69-4	ug/L	10/21/2014	4	n/a	ND	
MW-67	d	1,2,3-Trichloropropane	96-18-4	ug/L	10/21/2014	1	n/a	ND	
MW-67	d	1,2,3-Trichloropropane	96-18-4	ug/L	10/21/2014	1	n/a	ND	
MW-67	d	Vinyl acetate	108-05-4	ug/L	10/21/2014	10	n/a	ND	
MW-67	d	Vinyl acetate	108-05-4	ug/L	10/21/2014	10	n/a	ND	
MW-67	d	Vinyl chloride	75-01-4	ug/L	10/21/2014	1	n/a	ND	
MW-67	d	Vinyl chloride	75-01-4	ug/L	10/21/2014	1	n/a	ND	
MW-67	d	Xylenes, total	1330-20-7	ug/L	10/21/2014	3	n/a	ND	
MW-67	d	Xylenes, total	1330-20-7	ug/L	10/21/2014	3	n/a	ND	
MW-67	d	Total Suspended Solids	TSS	mg/L	10/21/2014	2.14	n/a	ND	
MW-67	d	Total Suspended Solids	TSS	mg/L	10/21/2014	1.88	n/a	ND	
MW-B	d	Antimony	7440-36-0	mg/L	10/21/2014	0.006	n/a	ND	
MW-B	d	Arsenic	7440-38-2	mg/L	10/21/2014	0.001	n/a	ND	
MW-B	d	Barium	7440-39-3	mg/L	10/21/2014	n/a	n/a		0.047

Table 9A
Analytical Data Summary - Phase II MSWLF
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Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-B	d	Beryllium	7440-41-7	mg/L	10/21/2014	0.001	n/a	ND	
MW-B	d	Cadmium	7440-43-9	mg/L	10/21/2014	n/a	n/a	J	0.000358
MW-B	d	Chromium	7440-47-3	mg/L	10/21/2014	0.02	n/a	ND	
MW-B	d	Cobalt	7440-48-4	mg/L	10/21/2014	0.00241	n/a	ND	
MW-B	d	Copper	7440-50-8	mg/L	10/21/2014	n/a	n/a	J	0.0102
MW-B	d	Lead	7439-92-1	mg/L	10/21/2014	0.004	n/a	ND	
MW-B	d	Nickel	7440-02-0	mg/L	10/21/2014	n/a	n/a	J	0.0206
MW-B	d	Selenium	7782-49-2	mg/L	10/21/2014	0.005	n/a	ND	
MW-B	d	Silver	7440-22-4	mg/L	10/21/2014	0.02	n/a	ND	
MW-B	d	Thallium	7440-28-0	mg/L	10/21/2014	0.002	n/a	ND	
MW-B	d	Vanadium	7440-62-2	mg/L	10/21/2014	0.05	n/a	ND	
MW-B	d	Zinc	7440-66-6	mg/L	10/21/2014	n/a	n/a	J	0.0126
MW-B	d	Acetone	67-64-1	ug/L	10/21/2014	10	n/a	ND	
MW-B	d	Acrylonitrile	107-13-1	ug/L	10/21/2014	10	n/a	ND	
MW-B	d	Benzene	71-43-2	ug/L	10/21/2014	0.5	n/a	ND	
MW-B	d	Bromochloromethane	74-97-5	ug/L	10/21/2014	5	n/a	ND	
MW-B	d	Bromodichloromethane	75-27-4	ug/L	10/21/2014	1	n/a	ND	
MW-B	d	Bromoform	75-25-2	ug/L	10/21/2014	5	n/a	ND	
MW-B	d	Carbon disulfide	75-15-0	ug/L	10/21/2014	1	n/a	ND	
MW-B	d	Carbon Tetrachloride	56-23-5	ug/L	10/21/2014	2	n/a	ND	
MW-B	d	Chlorobenzene	108-90-7	ug/L	10/21/2014	1	n/a	ND	
MW-B	d	Chloroethane	75-00-3	ug/L	10/21/2014	4	n/a	ND	
MW-B	d	Chloroform	67-66-3	ug/L	10/21/2014	1	n/a	ND	
MW-B	d	Chlorodibromomethane	124-48-1	ug/L	10/21/2014	5	n/a	ND	
MW-B	d	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	10/21/2014	0.12	n/a	ND	
MW-B	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	10/21/2014	0.13	n/a	ND	
MW-B	d	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	10/21/2014	10	n/a	ND	
MW-B	d	1,1-Dichloroethane	75-34-3	ug/L	10/21/2014	1	n/a	ND	
MW-B	d	1,2-Dichloroethane	107-06-2	ug/L	10/21/2014	1	n/a	ND	
MW-B	d	1,1-Dichloroethene	75-35-4	ug/L	10/21/2014	2	n/a	ND	
MW-B	d	cis-1,2-Dichloroethene	156-59-2	ug/L	10/21/2014	1	n/a	ND	
MW-B	d	trans-1,2-Dichloroethene	156-60-5	ug/L	10/21/2014	1	n/a	ND	
MW-B	d	1,2-Dichloropropane	78-87-5	ug/L	10/21/2014	1	n/a	ND	
MW-B	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	10/21/2014	5	n/a	ND	
MW-B	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	10/21/2014	5	n/a	ND	
MW-B	d	1,2-Dichlorobenzene	95-50-1	ug/L	10/21/2014	1	n/a	ND	
MW-B	d	1,4-Dichlorobenzene	106-46-7	ug/L	10/21/2014	1	n/a	ND	
MW-B	d	Ethylbenzene	100-41-4	ug/L	10/21/2014	1	n/a	ND	
MW-B	d	2-Hexanone	591-78-6	ug/L	10/21/2014	10	n/a	ND	
MW-B	d	Bromomethane	74-83-9	ug/L	10/21/2014	4	n/a	ND	
MW-B	d	Chloromethane	74-87-3	ug/L	10/21/2014	3	n/a	ND	
MW-B	d	2-Butanone	78-93-3	ug/L	10/21/2014	10	n/a	ND	
MW-B	d	Iodomethane	74-88-4	ug/L	10/21/2014	10	n/a	ND	
MW-B	d	4-Methyl-2-pentanone	108-10-1	ug/L	10/21/2014	10	n/a	ND	
MW-B	d	Methylene Bromide	74-95-3	ug/L	10/21/2014	1	n/a	ND	
MW-B	d	Methylene Chloride	75-09-2	ug/L	10/21/2014	5	n/a	ND	
MW-B	d	Styrene	100-42-5	ug/L	10/21/2014	1	n/a	ND	
MW-B	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	10/21/2014	1	n/a	ND	
MW-B	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	10/21/2014	1	n/a	ND	
MW-B	d	Tetrachloroethene	127-18-4	ug/L	10/21/2014	1	n/a	ND	
MW-B	d	Toluene	108-88-3	ug/L	10/21/2014	1	n/a	ND	
MW-B	d	1,1,1-Trichloroethane	71-55-6	ug/L	10/21/2014	1	n/a	ND	
MW-B	d	1,1,2-Trichloroethane	79-00-5	ug/L	10/21/2014	1	n/a	ND	
MW-B	d	Trichloroethene	79-01-6	ug/L	10/21/2014	1	n/a	ND	
MW-B	d	Trichlorofluoromethane	75-69-4	ug/L	10/21/2014	4	n/a	ND	
MW-B	d	1,2,3-Trichloropropane	96-18-4	ug/L	10/21/2014	1	n/a	ND	
MW-B	d	Vinyl acetate	108-05-4	ug/L	10/21/2014	10	n/a	ND	
MW-B	d	Vinyl chloride	75-01-4	ug/L	10/21/2014	1	n/a	ND	
MW-B	d	Xylenes, total	1330-20-7	ug/L	10/21/2014	3	n/a	ND	
MW-B	d	Total Suspended Solids	TSS	mg/L	10/21/2014	n/a	n/a	J	1.63
MW-C	d	Antimony	7440-36-0	mg/L	10/21/2014	0.006	n/a	ND	
MW-C	d	Arsenic	7440-38-2	mg/L	10/21/2014	0.001	n/a	ND	
MW-C	d	Barium	7440-39-3	mg/L	10/21/2014	n/a	n/a	ND	0.53
MW-C	d	Beryllium	7440-41-7	mg/L	10/21/2014	0.001	n/a	ND	
MW-C	d	Cadmium	7440-43-9	mg/L	10/21/2014	0.0005	n/a	ND	
MW-C	d	Chromium	7440-47-3	mg/L	10/21/2014	0.02	n/a	ND	
MW-C	d	Cobalt	7440-48-4	mg/L	10/21/2014	0.00241	n/a	ND	
MW-C	d	Copper	7440-50-8	mg/L	10/21/2014	n/a	n/a	J	0.00624
MW-C	d	Lead	7439-92-1	mg/L	10/21/2014	0.004	n/a	ND	
MW-C	d	Nickel	7440-02-0	mg/L	10/21/2014	n/a	n/a	J	0.0077
MW-C	d	Selenium	7782-49-2	mg/L	10/21/2014	0.005	n/a	ND	
MW-C	d	Silver	7440-22-4	mg/L	10/21/2014	0.02	n/a	ND	
MW-C	d	Thallium	7440-28-0	mg/L	10/21/2014	0.002	n/a	ND	
MW-C	d	Vanadium	7440-62-2	mg/L	10/21/2014	0.05	n/a	ND	
MW-C	d	Zinc	7440-66-6	mg/L	10/21/2014	0.02	n/a	ND	

Table 9A
Analytical Data Summary - Phase II MSWLF
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Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-C	d	Mercury	7439-97-6	mg/L	10/21/2014	0.0002	n/a	ND	
MW-C	d	Tin	7440-31-5	mg/L	10/21/2014	n/a	n/a	J	0.0849
MW-C	d	Acetone	67-64-1	ug/L	10/21/2014	10	n/a	ND	
MW-C	d	Acrylonitrile	107-13-1	ug/L	10/21/2014	10	n/a	ND	
MW-C	d	Benzene	71-43-2	ug/L	10/21/2014	0.5	n/a	ND	
MW-C	d	Bromochloromethane	74-97-5	ug/L	10/21/2014	5	n/a	ND	
MW-C	d	Bromodichloromethane	75-27-4	ug/L	10/21/2014	1	n/a	ND	
MW-C	d	Bromoform	75-25-2	ug/L	10/21/2014	5	n/a	ND	
MW-C	d	Carbon disulfide	75-15-0	ug/L	10/21/2014	1	n/a	ND	
MW-C	d	Carbon Tetrachloride	56-23-5	ug/L	10/21/2014	2	n/a	ND	
MW-C	d	Chlorobenzene	108-90-7	ug/L	10/21/2014	1	n/a	ND	
MW-C	d	Chloroethane	75-00-3	ug/L	10/21/2014	4	n/a	ND	
MW-C	d	Chloroform	67-66-3	ug/L	10/21/2014	1	n/a	ND	
MW-C	d	Chlorodibromomethane	124-48-1	ug/L	10/21/2014	5	n/a	ND	
MW-C	d	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	10/21/2014	0.12	n/a	ND	
MW-C	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	10/21/2014	0.13	n/a	ND	
MW-C	d	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	10/21/2014	10	n/a	ND	
MW-C	d	1,1-Dichloroethane	75-34-3	ug/L	10/21/2014	1	n/a	ND	
MW-C	d	1,2-Dichloroethane	107-06-2	ug/L	10/21/2014	1	n/a	ND	
MW-C	d	1,1-Dichloroethene	75-35-4	ug/L	10/21/2014	2	n/a	ND	
MW-C	d	cis-1,2-Dichloroethene	156-59-2	ug/L	10/21/2014	1	n/a	ND	
MW-C	d	trans-1,2-Dichloroethene	156-60-5	ug/L	10/21/2014	1	n/a	ND	
MW-C	d	1,2-Dichloropropane	78-87-5	ug/L	10/21/2014	1	n/a	ND	
MW-C	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	10/21/2014	5	n/a	ND	
MW-C	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	10/21/2014	5	n/a	ND	
MW-C	d	1,2-Dichlorobenzene	95-50-1	ug/L	10/21/2014	1	n/a	ND	
MW-C	d	1,4-Dichlorobenzene	106-46-7	ug/L	10/21/2014	1	n/a	ND	
MW-C	d	Ethylbenzene	100-41-4	ug/L	10/21/2014	1	n/a	ND	
MW-C	d	2-Hexanone	591-78-6	ug/L	10/21/2014	10	n/a	ND	
MW-C	d	Bromomethane	74-83-9	ug/L	10/21/2014	4	n/a	ND	
MW-C	d	Chloromethane	74-87-3	ug/L	10/21/2014	3	n/a	ND	
MW-C	d	2-Butanone	78-93-3	ug/L	10/21/2014	10	n/a	ND	
MW-C	d	Iodomethane	74-88-4	ug/L	10/21/2014	10	n/a	ND	
MW-C	d	4-Methyl-2-pentanone	108-10-1	ug/L	10/21/2014	10	n/a	ND	
MW-C	d	Methylene Bromide	74-95-3	ug/L	10/21/2014	1	n/a	ND	
MW-C	d	Methylene Chloride	75-09-2	ug/L	10/21/2014	5	n/a	ND	
MW-C	d	Styrene	100-42-5	ug/L	10/21/2014	1	n/a	ND	
MW-C	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	10/21/2014	1	n/a	ND	
MW-C	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	10/21/2014	1	n/a	ND	
MW-C	d	Tetrachloroethene	127-18-4	ug/L	10/21/2014	1	n/a	ND	
MW-C	d	Toluene	108-88-3	ug/L	10/21/2014	1	n/a	ND	
MW-C	d	1,1,1-Trichloroethane	71-55-6	ug/L	10/21/2014	1	n/a	ND	
MW-C	d	1,1,2-Trichloroethane	79-00-5	ug/L	10/21/2014	1	n/a	ND	
MW-C	d	Trichloroethene	79-01-6	ug/L	10/21/2014	1	n/a	ND	
MW-C	d	Trichlorofluoromethane	75-69-4	ug/L	10/21/2014	4	n/a	ND	
MW-C	d	1,2,3-Trichloropropane	96-18-4	ug/L	10/21/2014	1	n/a	ND	
MW-C	d	Vinyl acetate	108-05-4	ug/L	10/21/2014	10	n/a	ND	
MW-C	d	Vinyl chloride	75-01-4	ug/L	10/21/2014	1	n/a	ND	
MW-C	d	Xylenes, total	1330-20-7	ug/L	10/21/2014	3	n/a	ND	
MW-C	d	Acrolein	107-02-8	ug/L	10/21/2014	10	n/a	ND	
MW-C	d	3-Chloropropene	107-05-1	ug/L	10/21/2014	2	n/a	ND	
MW-C	d	Chloroprene	126-99-8	ug/L	10/21/2014	1	n/a	ND	
MW-C	d	Dichlorodifluoromethane	75-71-8	ug/L	10/21/2014	3	n/a	ND	
MW-C	d	1,3-Dichloropropane	142-28-9	ug/L	10/21/2014	1	n/a	ND	
MW-C	d	2,2-Dichloropropane	594-20-7	ug/L	10/21/2014	4	n/a	ND	
MW-C	d	1,1-Dichloropropene	563-58-6	ug/L	10/21/2014	1	n/a	ND	
MW-C	d	1,3-Dichlorobenzene	541-73-1	ug/L	10/21/2014	1	n/a	ND	
MW-C	d	Ethyl Methacrylate	97-63-2	ug/L	10/21/2014	2	n/a	ND	
MW-C	d	Methacrylonitrile	126-98-7	ug/L	10/21/2014	10	n/a	ND	
MW-C	d	Methyl Methacrylate	80-62-6	ug/L	10/21/2014	2	n/a	ND	
MW-C	d	Naphthalene	91-20-3	ug/L	10/21/2014	5	n/a	ND	
MW-C	d	Propionitrile	107-12-0	ug/L	10/21/2014	10	n/a	ND	
MW-C	d	1,2,4-Trichlorobenzene	120-82-1	ug/L	10/21/2014	5	n/a	ND	
MW-C	d	Acenaphthene	83-32-9	ug/L	10/21/2014	10.8	n/a	ND	
MW-C	d	Acenaphthylene	208-96-8	ug/L	10/21/2014	10.8	n/a	ND	
MW-C	d	Acetophenone	98-86-2	ug/L	10/21/2014	10.8	n/a	ND	
MW-C	d	2-Acetylaminofluorene	53-96-3	ug/L	10/21/2014	10.8	n/a	ND	
MW-C	d	4-Aminobiphenyl	92-67-1	ug/L	10/21/2014	10.8	n/a	ND	
MW-C	d	Anthracene	120-12-7	ug/L	10/21/2014	10.8	n/a	ND	
MW-C	d	Benzo [a] anthracene	56-55-3	ug/L	10/21/2014	10.8	n/a	ND	
MW-C	d	Benzo [b] fluoranthene	205-99-2	ug/L	10/21/2014	10.8	n/a	ND	
MW-C	d	Benzo [k] fluoranthene	207-08-9	ug/L	10/21/2014	10.8	n/a	ND	
MW-C	d	Benzo [g,h,i] perylene	191-24-2	ug/L	10/21/2014	10.8	n/a	ND	
MW-C	d	Benzo [a] pyrene	50-32-8	ug/L	10/21/2014	10.8	n/a	ND	
MW-C	d	Benzyl alcohol	100-51-6	ug/L	10/21/2014	10.8	n/a	ND	

Table 9A
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Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-C	d	Bis[2-chloroethoxy]methane	111-91-1	ug/L	10/21/2014	10.8	n/a	ND	
MW-C	d	Bis[2-chloroethyl]ether	111-44-4	ug/L	10/21/2014	10.8	n/a	ND	
MW-C	d	Bis[2-chloroisopropyl]ether	108-60-1	ug/L	10/21/2014	10.8	n/a	ND	
MW-C	d	Bis[2-ethylhexyl]phthalate	117-81-7	ug/L	10/21/2014	10.8	n/a	ND	
MW-C	d	4-Bromophenyl phenyl ether	101-55-3	ug/L	10/21/2014	10.8	n/a	ND	
MW-C	d	Butyl benzyl phthalate	85-68-7	ug/L	10/21/2014	10.8	n/a	ND	
MW-C	d	4-Chloroaniline	106-47-8	ug/L	10/21/2014	10.8	n/a	ND	
MW-C	d	Chlorobenzilate	510-15-6	ug/L	10/21/2014	10.8	n/a	ND	
MW-C	d	4-Chloro-3-methylphenol	59-50-7	ug/L	10/21/2014	10.8	n/a	ND	
MW-C	d	2-Chloronaphthalene	91-58-7	ug/L	10/21/2014	10.8	n/a	ND	
MW-C	d	2-Chlorophenol	95-57-8	ug/L	10/21/2014	10.8	n/a	ND	
MW-C	d	4-Chlorophenyl phenyl ether	7005-72-3	ug/L	10/21/2014	10.8	n/a	ND	
MW-C	d	Chrysene	218-01-9	ug/L	10/21/2014	10.8	n/a	ND	
MW-C	d	3/4-Methylphenol	T-34MP	ug/L	10/21/2014	10.8	n/a	ND	
MW-C	d	2-Methylphenol	95-48-7	ug/L	10/21/2014	10.8	n/a	ND	
MW-C	d	Diallate [cis or trans]	2303-16-4	ug/L	10/21/2014	10.8	n/a	ND	
MW-C	d	Dibenz [a,h] anthracene	53-70-3	ug/L	10/21/2014	10.8	n/a	ND	
MW-C	d	Dibenzofuran	132-64-9	ug/L	10/21/2014	10.8	n/a	ND	
MW-C	d	Di-n-butyl phthalate	84-74-2	ug/L	10/21/2014	10.8	n/a	ND	
MW-C	d	3,3-Dichlorobenzidine	91-94-1	ug/L	10/21/2014	53.8	n/a	ND	
MW-C	d	2,4-Dichlorophenol	120-83-2	ug/L	10/21/2014	10.8	n/a	ND	
MW-C	d	2,6-Dichlorophenol	87-65-0	ug/L	10/21/2014	10.8	n/a	ND	
MW-C	d	Diethyl phthalate	84-66-2	ug/L	10/21/2014	10.8	n/a	ND	
MW-C	d	Thionazin	297-97-2	ug/L	10/21/2014	10.8	n/a	ND	
MW-C	d	7,12-Dimethylbenz [a] anthracene	57-97-6	ug/L	10/21/2014	10.8	n/a	ND	
MW-C	d	Dimethoate	60-51-5	ug/L	10/21/2014	10.8	n/a	ND	
MW-C	d	Dimethylaminoazobenzene	60-11-7	ug/L	10/21/2014	10.8	n/a	ND	
MW-C	d	3,3-Dimethylbenzidine	119-93-7	ug/L	10/21/2014	10.8	n/a	ND	
MW-C	d	2,4-Dimethylphenol	105-67-9	ug/L	10/21/2014	10.8	n/a	ND	
MW-C	d	Dimethyl phthalate	131-11-3	ug/L	10/21/2014	10.8	n/a	ND	
MW-C	d	1,3-Dinitrobenzene	99-65-0	ug/L	10/21/2014	10.8	n/a	ND	
MW-C	d	4,6-Dinitro-2-methylphenol	534-52-1	ug/L	10/21/2014	10.8	n/a	ND	
MW-C	d	2,4-Dinitrophenol	51-28-5	ug/L	10/21/2014	21.5	n/a	ND	
MW-C	d	2,4-Dinitrotoluene	121-14-2	ug/L	10/21/2014	10.8	n/a	ND	
MW-C	d	2,6-Dinitrotoluene	606-20-2	ug/L	10/21/2014	10.8	n/a	ND	
MW-C	d	Di-n-octyl phthalate	117-84-0	ug/L	10/21/2014	21.5	n/a	ND	
MW-C	d	Diphenylamine	122-39-4	ug/L	10/21/2014	10.8	n/a	ND	
MW-C	d	Disulfoton	298-04-4	ug/L	10/21/2014	10.8	n/a	ND	
MW-C	d	Ethyl Methanesulfonate	62-50-0	ug/L	10/21/2014	10.8	n/a	ND	
MW-C	d	Famphur	52-85-7	ug/L	10/21/2014	21.5	n/a	ND	
MW-C	d	Fluoranthene	206-44-0	ug/L	10/21/2014	10.8	n/a	ND	
MW-C	d	Fluorene	86-73-7	ug/L	10/21/2014	10.8	n/a	ND	
MW-C	d	Hexachlorobenzene	118-74-1	ug/L	10/21/2014	10.8	n/a	ND	
MW-C	d	Hexachlorobutadiene	87-68-3	ug/L	10/21/2014	10.8	n/a	ND	
MW-C	d	Hexachlorocyclopentadiene	77-47-4	ug/L	10/21/2014	21.5	n/a	ND	
MW-C	d	Hexachloroethane	67-72-1	ug/L	10/21/2014	10.8	n/a	ND	
MW-C	d	Hexachloropropene	1888-71-7	ug/L	10/21/2014	10.8	n/a	ND	
MW-C	d	Indeno [1,2,3-cd] pyrene	193-39-5	ug/L	10/21/2014	10.8	n/a	ND	
MW-C	d	Isodrin	465-73-6	ug/L	10/21/2014	10.8	n/a	ND	
MW-C	d	Isophorone	78-59-1	ug/L	10/21/2014	10.8	n/a	ND	
MW-C	d	Isosafrole	120-58-1	ug/L	10/21/2014	10.8	n/a	ND	
MW-C	d	Kepone	143-50-0	ug/L	10/21/2014	10.8	n/a	ND	
MW-C	d	Methapyrilene	91-80-5	ug/L	10/21/2014	10.8	n/a	ND	
MW-C	d	3-Methylcholanthrene	56-49-5	ug/L	10/21/2014	10.8	n/a	ND	
MW-C	d	Methyl Methanesulfonate	66-27-3	ug/L	10/21/2014	10.8	n/a	ND	
MW-C	d	2-Methylnaphthalene	91-57-6	ug/L	10/21/2014	10.8	n/a	ND	
MW-C	d	Parathion-methyl	298-00-0	ug/L	10/21/2014	10.8	n/a	ND	
MW-C	d	1,4-Naphthoquinone	130-15-4	ug/L	10/21/2014	10.8	n/a	ND	
MW-C	d	1-Naphthylamine	134-32-7	ug/L	10/21/2014	10.8	n/a	ND	
MW-C	d	2-Naphthylamine	91-59-8	ug/L	10/21/2014	10.8	n/a	ND	
MW-C	d	2-Nitroaniline	88-74-4	ug/L	10/21/2014	10.8	n/a	ND	
MW-C	d	3-Nitroaniline	99-09-2	ug/L	10/21/2014	10.8	n/a	ND	
MW-C	d	4-Nitroaniline	100-01-6	ug/L	10/21/2014	10.8	n/a	ND	
MW-C	d	Nitrobenzene	98-95-3	ug/L	10/21/2014	10.8	n/a	ND	
MW-C	d	2-Nitrophenol	88-75-5	ug/L	10/21/2014	10.8	n/a	ND	
MW-C	d	4-Nitrophenol	100-02-7	ug/L	10/21/2014	10.8	n/a	ND	
MW-C	d	N-Nitrosodi-n-butylamine	924-16-3	ug/L	10/21/2014	10.8	n/a	ND	
MW-C	d	N-Nitrosodiethylamine	55-18-5	ug/L	10/21/2014	10.8	n/a	ND	
MW-C	d	N-Nitrosodimethylamine	62-75-9	ug/L	10/21/2014	10.8	n/a	ND	
MW-C	d	N-Nitrosodiphenylamine	86-30-6	ug/L	10/21/2014	10.8	n/a	ND	
MW-C	d	N-Nitrosodi-n-propylamine	621-64-7	ug/L	10/21/2014	10.8	n/a	ND	
MW-C	d	N-Nitrosomethylethylamine	10595-95-6	ug/L	10/21/2014	10.8	n/a	ND	
MW-C	d	N-Nitrosopiperidine	100-75-4	ug/L	10/21/2014	10.8	n/a	ND	
MW-C	d	N-Nitrosopyrrolidine	930-55-2	ug/L	10/21/2014	10.8	n/a	ND	
MW-C	d	5-Nitro-o-toluidine	99-55-8	ug/L	10/21/2014	10.8	n/a	ND	

Table 9A
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Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-C	d	Parathion-ethyl	56-38-2	ug/L	10/21/2014	10.8	n/a	ND	
MW-C	d	Pentachlorobenzene	608-93-5	ug/L	10/21/2014	10.8	n/a	ND	
MW-C	d	Pentachloronitrobenzene	82-68-8	ug/L	10/21/2014	10.8	n/a	ND	
MW-C	d	Pentachlorophenol [2C]	87-86-5	ug/L	10/21/2014	10.8	n/a	ND	
MW-C	d	Phenacetin	62-44-2	ug/L	10/21/2014	10.8	n/a	ND	
MW-C	d	Phenanthrene	85-01-8	ug/L	10/21/2014	10.8	n/a	ND	
MW-C	d	Phenol	108-95-2	ug/L	10/21/2014	10.8	n/a	ND	
MW-C	d	1,4-Phenylenediamine	106-50-3	ug/L	10/21/2014	10.8	n/a	ND	
MW-C	d	Phorate	298-02-2	ug/L	10/21/2014	10.8	n/a	ND	
MW-C	d	Pronamide	23950-58-5	ug/L	10/21/2014	10.8	n/a	ND	
MW-C	d	Pyrene	129-00-0	ug/L	10/21/2014	10.8	n/a	ND	
MW-C	d	Safrole	94-59-7	ug/L	10/21/2014	10.8	n/a	ND	
MW-C	d	1,2,4,5-Tetrachlorobenzene	95-94-3	ug/L	10/21/2014	10.8	n/a	ND	
MW-C	d	2,3,4,6-Tetrachlorophenol	58-90-2	ug/L	10/21/2014	10.8	n/a	ND	
MW-C	d	o-Toluidine	95-53-4	ug/L	10/21/2014	10.8	n/a	ND	
MW-C	d	2,4,5-Trichlorophenol	95-95-4	ug/L	10/21/2014	10.8	n/a	ND	
MW-C	d	2,4,6-Trichlorophenol	88-06-2	ug/L	10/21/2014	10.8	n/a	ND	
MW-C	d	O,O,O-Triethyl phosphorothioate	126-68-1	ug/L	10/21/2014	10.8	n/a	ND	
MW-C	d	1,3,5-Trinitrobenzene	99-35-4	ug/L	10/21/2014	10.8	n/a	ND	
MW-C	d	Dinoseb	88-85-7	ug/L	10/21/2014	10.8	n/a	ND	
MW-C	d	Acetonitrile	75-05-8	ug/L	10/21/2014	10000	n/a	ND	
MW-C	d	Isobutanol	78-83-1	mg/L	10/21/2014	10	n/a	ND	
MW-C	d	PCB-1016	12674-11-2	ug/L	10/21/2014	0.889	n/a	ND	
MW-C	d	PCB-1221	11104-28-2	ug/L	10/21/2014	0.889	n/a	ND	
MW-C	d	PCB-1232	11141-16-5	ug/L	10/21/2014	0.889	n/a	ND	
MW-C	d	PCB-1242	53469-21-9	ug/L	10/21/2014	0.889	n/a	ND	
MW-C	d	PCB-1248	12672-29-6	ug/L	10/21/2014	0.889	n/a	ND	
MW-C	d	PCB-1254	11097-69-1	ug/L	10/21/2014	0.889	n/a	ND	
MW-C	d	PCB-1260	11096-82-5	ug/L	10/21/2014	0.889	n/a	ND	
MW-C	d	Cyanide	57-12-5	mg/L	10/21/2014	0.01	n/a	ND	
MW-C	d	Sulfide	18496-25-8	mg/L	10/21/2014	1	n/a	ND	
MW-C	d	2,4-D [2C]	94-75-7	ug/L	10/21/2014	1.07	n/a	ND	
MW-C	d	2,4,5-TP [Silvex] [2C]	93-72-1	ug/L	10/21/2014	1.07	n/a	ND	
MW-C	d	2,4,5-T [2C]	93-76-5	ug/L	10/21/2014	1.07	n/a	ND	
MW-C	d	alpha-BHC	319-84-6	ug/L	10/21/2014	0.0348	n/a	ND	
MW-C	d	beta-BHC	319-85-7	ug/L	10/21/2014	0.0348	n/a	ND	
MW-C	d	Dieldrin	60-57-1	ug/L	10/21/2014	0.0348	n/a	ND	
MW-C	d	4,4'-DDE	72-55-9	ug/L	10/21/2014	0.0348	n/a	ND	
MW-C	d	delta-BHC	319-86-8	ug/L	10/21/2014	0.0348	n/a	ND	
MW-C	d	Endrin	72-20-8	ug/L	10/21/2014	0.0348	n/a	ND	
MW-C	d	gamma-BHC [Lindane]	58-89-9	ug/L	10/21/2014	0.0348	n/a	ND	
MW-C	d	Endosulfan II	33213-65-9	ug/L	10/21/2014	0.0348	n/a	ND	
MW-C	d	Heptachlor	76-44-8	ug/L	10/21/2014	0.0348	n/a	ND	
MW-C	d	4,4'-DDD	72-54-8	ug/L	10/21/2014	0.0348	n/a	ND	
MW-C	d	Aldrin	309-00-2	ug/L	10/21/2014	0.0348	n/a	ND	
MW-C	d	Endosulfan sulfate	1031-07-8	ug/L	10/21/2014	0.0348	n/a	ND	
MW-C	d	Heptachlor epoxide	1024-57-3	ug/L	10/21/2014	0.0348	n/a	ND	
MW-C	d	4,4'-DDT	50-29-3	ug/L	10/21/2014	0.0348	n/a	ND	
MW-C	d	Endosulfan I	959-98-8	ug/L	10/21/2014	0.0348	n/a	ND	
MW-C	d	Methoxychlor	72-43-5	ug/L	10/21/2014	0.0348	n/a	ND	
MW-C	d	Toxaphene	8001-35-2	ug/L	10/21/2014	2.17	n/a	ND	
MW-C	d	Endrin aldehyde	7421-93-4	ug/L	10/21/2014	0.0348	n/a	ND	
MW-C	d	Chlordane	57-74-9	ug/L	10/21/2014	2.17	n/a	ND	
MW-C	d	Total Suspended Solids	TSS	mg/L	10/21/2014	1.88	n/a	ND	
GU-3	d	Antimony	7440-36-0	mg/L	4/14/2015	0.001	n/a	ND	
GU-3	d	Arsenic	7440-38-2	mg/L	4/14/2015	0.002	n/a	ND	
GU-3	d	Barium	7440-39-3	mg/L	4/14/2015	n/a	n/a	J	0.143
GU-3	d	Beryllium	7440-41-7	mg/L	4/14/2015	n/a	n/a	J	0.000125
GU-3	d	Cadmium	7440-43-9	mg/L	4/14/2015	0.0005	n/a	ND	
GU-3	d	Chromium	7440-47-3	mg/L	4/14/2015	0.005	n/a	ND	
GU-3	d	Cobalt	7440-48-4	mg/L	4/14/2015	n/a	n/a	J	0.000293
GU-3	d	Copper	7440-50-8	mg/L	4/14/2015	n/a	n/a	J	0.000952
GU-3	d	Lead	7439-92-1	mg/L	4/14/2015	n/a	n/a	J	0.000776
GU-3	d	Nickel	7440-02-0	mg/L	4/14/2015	n/a	n/a	J	0.00136
GU-3	d	Selenium	7782-49-2	mg/L	4/14/2015	0.005	n/a	ND	
GU-3	d	Silver	7440-22-4	mg/L	4/14/2015	0.001	n/a	ND	
GU-3	d	Thallium	7440-28-0	mg/L	4/14/2015	0.001	n/a	ND	
GU-3	d	Vanadium	7440-62-2	mg/L	4/14/2015	n/a	n/a	J	0.00168
GU-3	d	Zinc	7440-66-6	mg/L	4/14/2015	0.01	n/a	ND	
GU-3	d	Acetone	67-64-1	ug/L	4/14/2015	10	n/a	ND	
GU-3	d	Acrylonitrile	107-13-1	ug/L	4/14/2015	10	n/a	ND	
GU-3	d	Benzene	71-43-2	ug/L	4/14/2015	0.5	n/a	ND	
GU-3	d	Bromochloromethane	74-97-5	ug/L	4/14/2015	5	n/a	ND	
GU-3	d	Bromodichloromethane	75-27-4	ug/L	4/14/2015	1	n/a	ND	
GU-3	d	Bromoform	75-25-2	ug/L	4/14/2015	5	n/a	ND	

Table 9A
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GU-3	d	Carbon disulfide	75-15-0	ug/L	4/14/2015	1	n/a	ND	
GU-3	d	Carbon Tetrachloride	56-23-5	ug/L	4/14/2015	2	n/a	ND	
GU-3	d	Chlorobenzene	108-90-7	ug/L	4/14/2015	1	n/a	ND	
GU-3	d	Chloroethane	75-00-3	ug/L	4/14/2015	4	n/a	ND	
GU-3	d	Chloroform	67-66-3	ug/L	4/14/2015	1	n/a	ND	
GU-3	d	Chlorodibromomethane	124-48-1	ug/L	4/14/2015	5	n/a	ND	
GU-3	d	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	4/14/2015	0.5	n/a	ND	
GU-3	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	4/14/2015	0.13	n/a	ND	
GU-3	d	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	4/14/2015	10	n/a	ND	
GU-3	d	1,1-Dichloroethane	75-34-3	ug/L	4/14/2015	1	n/a	ND	
GU-3	d	1,2-Dichloroethane	107-06-2	ug/L	4/14/2015	1	n/a	ND	
GU-3	d	1,1-Dichloroethene	75-35-4	ug/L	4/14/2015	2	n/a	ND	
GU-3	d	cis-1,2-Dichloroethene	156-59-2	ug/L	4/14/2015	1	n/a	ND	
GU-3	d	trans-1,2-Dichloroethene	156-60-5	ug/L	4/14/2015	1	n/a	ND	
GU-3	d	1,2-Dichloropropane	78-87-5	ug/L	4/14/2015	1	n/a	ND	
GU-3	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	4/14/2015	5	n/a	ND	
GU-3	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	4/14/2015	5	n/a	ND	
GU-3	d	1,2-Dichlorobenzene	95-50-1	ug/L	4/14/2015	1	n/a	ND	
GU-3	d	1,4-Dichlorobenzene	106-46-7	ug/L	4/14/2015	1	n/a	ND	
GU-3	d	Ethylbenzene	100-41-4	ug/L	4/14/2015	1	n/a	ND	
GU-3	d	2-Hexanone	591-78-6	ug/L	4/14/2015	10	n/a	ND	
GU-3	d	Bromomethane	74-83-9	ug/L	4/14/2015	4	n/a	ND	
GU-3	d	Chloromethane	74-87-3	ug/L	4/14/2015	3	n/a	ND	
GU-3	d	2-Butanone	78-93-3	ug/L	4/14/2015	10	n/a	ND	
GU-3	d	Iodomethane	74-88-4	ug/L	4/14/2015	10	n/a	ND	
GU-3	d	4-Methyl-2-pentanone	108-10-1	ug/L	4/14/2015	10	n/a	ND	
GU-3	d	Methylene Bromide	74-95-3	ug/L	4/14/2015	1	n/a	ND	
GU-3	d	Methylene Chloride	75-09-2	ug/L	4/14/2015	n/a	n/a	J	0.197
GU-3	d	Styrene	100-42-5	ug/L	4/14/2015	1	n/a	ND	
GU-3	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	4/14/2015	1	n/a	ND	
GU-3	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	4/14/2015	1	n/a	ND	
GU-3	d	Tetrachloroethene	127-18-4	ug/L	4/14/2015	1	n/a	ND	
GU-3	d	Toluene	108-88-3	ug/L	4/14/2015	1	n/a	ND	
GU-3	d	1,1,1-Trichloroethane	71-55-6	ug/L	4/14/2015	1	n/a	ND	
GU-3	d	1,1,2-Trichloroethane	79-00-5	ug/L	4/14/2015	1	n/a	ND	
GU-3	d	Trichloroethene	79-01-6	ug/L	4/14/2015	1	n/a	ND	
GU-3	d	Trichlorofluoromethane	75-69-4	ug/L	4/14/2015	4	n/a	ND	
GU-3	d	1,2,3-Trichloropropane	96-18-4	ug/L	4/14/2015	1	n/a	ND	
GU-3	d	Vinyl acetate	108-05-4	ug/L	4/14/2015	10	n/a	ND	
GU-3	d	Vinyl chloride	75-01-4	ug/L	4/14/2015	1	n/a	ND	
GU-3	d	Xylenes, total	1330-20-7	ug/L	4/14/2015	3	n/a	ND	
GU-3	d	Total Suspended Solids	TSS	mg/L	4/14/2015	n/a	n/a		18.8
GU-3BG	u	Antimony	7440-36-0	mg/L	4/14/2015	0.001	n/a	ND	
GU-3BG	u	Arsenic	7440-38-2	mg/L	4/14/2015	0.002	n/a	ND	
GU-3BG	u	Barium	7440-39-3	mg/L	4/14/2015	n/a	n/a		0.143
GU-3BG	u	Beryllium	7440-41-7	mg/L	4/14/2015	n/a	n/a	J	0.000125
GU-3BG	u	Cadmium	7440-43-9	mg/L	4/14/2015	0.0005	n/a	ND	
GU-3BG	u	Chromium	7440-47-3	mg/L	4/14/2015	0.005	n/a	ND	
GU-3BG	u	Cobalt	7440-48-4	mg/L	4/14/2015	n/a	n/a	J	0.000293
GU-3BG	u	Copper	7440-50-8	mg/L	4/14/2015	n/a	n/a	J	0.000952
GU-3BG	u	Lead	7439-92-1	mg/L	4/14/2015	n/a	n/a		0.000776
GU-3BG	u	Nickel	7440-02-0	mg/L	4/14/2015	n/a	n/a	J	0.00136
GU-3BG	u	Selenium	7782-49-2	mg/L	4/14/2015	0.005	n/a	ND	
GU-3BG	u	Silver	7440-22-4	mg/L	4/14/2015	0.001	n/a	ND	
GU-3BG	u	Thallium	7440-28-0	mg/L	4/14/2015	0.001	n/a	ND	
GU-3BG	u	Vanadium	7440-62-2	mg/L	4/14/2015	n/a	n/a	J	0.00168
GU-3BG	u	Zinc	7440-66-6	mg/L	4/14/2015	0.01	n/a	ND	
GU-3BG	u	Acetone	67-64-1	ug/L	4/14/2015	10	n/a	ND	
GU-3BG	u	Acrylonitrile	107-13-1	ug/L	4/14/2015	10	n/a	ND	
GU-3BG	u	Benzene	71-43-2	ug/L	4/14/2015	0.5	n/a	ND	
GU-3BG	u	Bromochloromethane	74-97-5	ug/L	4/14/2015	5	n/a	ND	
GU-3BG	u	Bromodichloromethane	75-27-4	ug/L	4/14/2015	1	n/a	ND	
GU-3BG	u	Bromoform	75-25-2	ug/L	4/14/2015	5	n/a	ND	
GU-3BG	u	Carbon disulfide	75-15-0	ug/L	4/14/2015	1	n/a	ND	
GU-3BG	u	Carbon Tetrachloride	56-23-5	ug/L	4/14/2015	2	n/a	ND	
GU-3BG	u	Chlorobenzene	108-90-7	ug/L	4/14/2015	1	n/a	ND	
GU-3BG	u	Chloroethane	75-00-3	ug/L	4/14/2015	4	n/a	ND	
GU-3BG	u	Chloroform	67-66-3	ug/L	4/14/2015	1	n/a	ND	
GU-3BG	u	Chlorodibromomethane	124-48-1	ug/L	4/14/2015	5	n/a	ND	
GU-3BG	u	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	4/14/2015	0.5	n/a	ND	
GU-3BG	u	1,2-Dibromoethane [EDB]	106-93-4	ug/L	4/14/2015	0.13	n/a	ND	
GU-3BG	u	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	4/14/2015	10	n/a	ND	
GU-3BG	u	1,1-Dichloroethane	75-34-3	ug/L	4/14/2015	1	n/a	ND	
GU-3BG	u	1,2-Dichloroethane	107-06-2	ug/L	4/14/2015	1	n/a	ND	
GU-3BG	u	1,1-Dichloroethene	75-35-4	ug/L	4/14/2015	2	n/a	ND	

Table 9A
Analytical Data Summary - Phase II MSWLF
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Phase II MSWLF and CWTS
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Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
GU-3BG	u	cis-1,2-Dichloroethene	156-59-2	ug/L	4/14/2015	1	n/a	ND	
GU-3BG	u	trans-1,2-Dichloroethene	156-60-5	ug/L	4/14/2015	1	n/a	ND	
GU-3BG	u	1,2-Dichloropropane	78-87-5	ug/L	4/14/2015	1	n/a	ND	
GU-3BG	u	cis-1,3-Dichloropropene	10061-01-5	ug/L	4/14/2015	5	n/a	ND	
GU-3BG	u	trans-1,3-Dichloropropene	10061-02-6	ug/L	4/14/2015	5	n/a	ND	
GU-3BG	u	1,2-Dichlorobenzene	95-50-1	ug/L	4/14/2015	1	n/a	ND	
GU-3BG	u	1,4-Dichlorobenzene	106-46-7	ug/L	4/14/2015	1	n/a	ND	
GU-3BG	u	Ethylbenzene	100-41-4	ug/L	4/14/2015	1	n/a	ND	
GU-3BG	u	2-Hexanone	591-78-6	ug/L	4/14/2015	10	n/a	ND	
GU-3BG	u	Bromomethane	74-83-9	ug/L	4/14/2015	4	n/a	ND	
GU-3BG	u	Chloromethane	74-87-3	ug/L	4/14/2015	3	n/a	ND	
GU-3BG	u	2-Butanone	78-93-3	ug/L	4/14/2015	10	n/a	ND	
GU-3BG	u	Iodomethane	74-88-4	ug/L	4/14/2015	10	n/a	ND	
GU-3BG	u	4-Methyl-2-pentanone	108-10-1	ug/L	4/14/2015	10	n/a	ND	
GU-3BG	u	Methylene Bromide	74-95-3	ug/L	4/14/2015	1	n/a	ND	
GU-3BG	u	Methylene Chloride	75-09-2	ug/L	4/14/2015	n/a	n/a	J	0.197
GU-3BG	u	Styrene	100-42-5	ug/L	4/14/2015	1	n/a	ND	
GU-3BG	u	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	4/14/2015	1	n/a	ND	
GU-3BG	u	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	4/14/2015	1	n/a	ND	
GU-3BG	u	Tetrachloroethene	127-18-4	ug/L	4/14/2015	1	n/a	ND	
GU-3BG	u	Toluene	108-88-3	ug/L	4/14/2015	1	n/a	ND	
GU-3BG	u	1,1,1-Trichloroethane	71-55-6	ug/L	4/14/2015	1	n/a	ND	
GU-3BG	u	1,1,2-Trichloroethane	79-00-5	ug/L	4/14/2015	1	n/a	ND	
GU-3BG	u	Trichloroethene	79-01-6	ug/L	4/14/2015	1	n/a	ND	
GU-3BG	u	Trichlorofluoromethane	75-69-4	ug/L	4/14/2015	4	n/a	ND	
GU-3BG	u	1,2,3-Trichloropropane	96-18-4	ug/L	4/14/2015	1	n/a	ND	
GU-3BG	u	Vinyl acetate	108-05-4	ug/L	4/14/2015	10	n/a	ND	
GU-3BG	u	Vinyl chloride	75-01-4	ug/L	4/14/2015	1	n/a	ND	
GU-3BG	u	Xylenes, total	1330-20-7	ug/L	4/14/2015	3	n/a	ND	
GU-3BG	u	Total Suspended Solids	TSS	mg/L	4/14/2015	n/a	n/a		18.8
GU-4	d	Antimony	7440-36-0	mg/L	4/14/2015	0.001	n/a	ND	
GU-4	d	Arsenic	7440-38-2	mg/L	4/14/2015	n/a	n/a	J	0.00162
GU-4	d	Barium	7440-39-3	mg/L	4/14/2015	n/a	n/a		0.0518
GU-4	d	Beryllium	7440-41-7	mg/L	4/14/2015	0.001	n/a	ND	
GU-4	d	Cadmium	7440-43-9	mg/L	4/14/2015	0.0005	n/a	ND	
GU-4	d	Chromium	7440-47-3	mg/L	4/14/2015	0.005	n/a	ND	
GU-4	d	Cobalt	7440-48-4	mg/L	4/14/2015	n/a	n/a		0.00713
GU-4	d	Copper	7440-50-8	mg/L	4/14/2015	n/a	n/a	J	0.00066
GU-4	d	Lead	7439-92-1	mg/L	4/14/2015	0.0005	n/a	ND	
GU-4	d	Nickel	7440-02-0	mg/L	4/14/2015	n/a	n/a		0.0133
GU-4	d	Selenium	7782-49-2	mg/L	4/14/2015	0.005	n/a	ND	
GU-4	d	Silver	7440-22-4	mg/L	4/14/2015	0.001	n/a	ND	
GU-4	d	Thallium	7440-28-0	mg/L	4/14/2015	n/a	n/a	J	0.00007
GU-4	d	Vanadium	7440-62-2	mg/L	4/14/2015	0.005	n/a	ND	
GU-4	d	Zinc	7440-66-6	mg/L	4/14/2015	n/a	n/a	J	0.00799
GU-4	d	Acetone	67-64-1	ug/L	4/14/2015	10	n/a	ND	
GU-4	d	Acrylonitrile	107-13-1	ug/L	4/14/2015	10	n/a	ND	
GU-4	d	Benzene	71-43-2	ug/L	4/14/2015	0.5	n/a	ND	
GU-4	d	Bromochloromethane	74-97-5	ug/L	4/14/2015	5	n/a	ND	
GU-4	d	Bromodichloromethane	75-27-4	ug/L	4/14/2015	1	n/a	ND	
GU-4	d	Bromoform	75-25-2	ug/L	4/14/2015	5	n/a	ND	
GU-4	d	Carbon disulfide	75-15-0	ug/L	4/14/2015	1	n/a	ND	
GU-4	d	Carbon Tetrachloride	56-23-5	ug/L	4/14/2015	2	n/a	ND	
GU-4	d	Chlorobenzene	108-90-7	ug/L	4/14/2015	1	n/a	ND	
GU-4	d	Chloroethane	75-00-3	ug/L	4/14/2015	4	n/a	ND	
GU-4	d	Chloroform	67-66-3	ug/L	4/14/2015	1	n/a	ND	
GU-4	d	Chlorodibromomethane	124-48-1	ug/L	4/14/2015	5	n/a	ND	
GU-4	d	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	4/14/2015	0.5	n/a	ND	
GU-4	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	4/14/2015	0.13	n/a	ND	
GU-4	d	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	4/14/2015	10	n/a	ND	
GU-4	d	1,1-Dichloroethane	75-34-3	ug/L	4/14/2015	1	n/a	ND	
GU-4	d	1,2-Dichloroethane	107-06-2	ug/L	4/14/2015	1	n/a	ND	
GU-4	d	1,1-Dichloroethene	75-35-4	ug/L	4/14/2015	2	n/a	ND	
GU-4	d	cis-1,2-Dichloroethene	156-59-2	ug/L	4/14/2015	1	n/a	ND	
GU-4	d	trans-1,2-Dichloroethene	156-60-5	ug/L	4/14/2015	1	n/a	ND	
GU-4	d	1,2-Dichloropropane	78-87-5	ug/L	4/14/2015	1	n/a	ND	
GU-4	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	4/14/2015	5	n/a	ND	
GU-4	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	4/14/2015	5	n/a	ND	
GU-4	d	1,2-Dichlorobenzene	95-50-1	ug/L	4/14/2015	1	n/a	ND	
GU-4	d	1,4-Dichlorobenzene	106-46-7	ug/L	4/14/2015	1	n/a	ND	
GU-4	d	Ethylbenzene	100-41-4	ug/L	4/14/2015	1	n/a	ND	
GU-4	d	2-Hexanone	591-78-6	ug/L	4/14/2015	10	n/a	ND	
GU-4	d	Bromomethane	74-83-9	ug/L	4/14/2015	n/a	n/a	J	0.293
GU-4	d	Chloromethane	74-87-3	ug/L	4/14/2015	3	n/a	ND	
GU-4	d	2-Butanone	78-93-3	ug/L	4/14/2015	10	n/a	ND	

Table 9A
Analytical Data Summary - Phase II MSWLF
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Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
GU-4	d	Iodomethane	74-88-4	ug/L	4/14/2015	10	n/a	ND	
GU-4	d	4-Methyl-2-pentanone	108-10-1	ug/L	4/14/2015	10	n/a	ND	
GU-4	d	Methylene Bromide	74-95-3	ug/L	4/14/2015	1	n/a	ND	
GU-4	d	Methylene Chloride	75-09-2	ug/L	4/14/2015	n/a	n/a	J	0.258
GU-4	d	Styrene	100-42-5	ug/L	4/14/2015	1	n/a	ND	
GU-4	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	4/14/2015	1	n/a	ND	
GU-4	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	4/14/2015	1	n/a	ND	
GU-4	d	Tetrachloroethene	127-18-4	ug/L	4/14/2015	1	n/a	ND	
GU-4	d	Toluene	108-88-3	ug/L	4/14/2015	1	n/a	ND	
GU-4	d	1,1,1-Trichloroethane	71-55-6	ug/L	4/14/2015	1	n/a	ND	
GU-4	d	1,1,2-Trichloroethane	79-00-5	ug/L	4/14/2015	1	n/a	ND	
GU-4	d	Trichloroethene	79-01-6	ug/L	4/14/2015	1	n/a	ND	
GU-4	d	Trichlorofluoromethane	75-69-4	ug/L	4/14/2015	4	n/a	ND	
GU-4	d	1,2,3-Trichloropropane	96-18-4	ug/L	4/14/2015	1	n/a	ND	
GU-4	d	Vinyl acetate	108-05-4	ug/L	4/14/2015	10	n/a	ND	
GU-4	d	Vinyl chloride	75-01-4	ug/L	4/14/2015	n/a	n/a	J	0.316
GU-4	d	Xylenes, total	1330-20-7	ug/L	4/14/2015	3	n/a	ND	
GU-4	d	Total Suspended Solids	TSS	mg/L	4/14/2015	n/a	n/a	J	4.33
GU-5	d	Antimony	7440-36-0	mg/L	4/14/2015	0.001	n/a	ND	
GU-5	d	Arsenic	7440-38-2	mg/L	4/14/2015	n/a	n/a		0.00309
GU-5	d	Barium	7440-39-3	mg/L	4/14/2015	n/a	n/a		0.164
GU-5	d	Beryllium	7440-41-7	mg/L	4/14/2015	0.001	n/a	ND	
GU-5	d	Cadmium	7440-43-9	mg/L	4/14/2015	0.0005	n/a	ND	
GU-5	d	Chromium	7440-47-3	mg/L	4/14/2015	0.005	n/a	ND	
GU-5	d	Cobalt	7440-48-4	mg/L	4/14/2015	n/a	n/a		0.0043
GU-5	d	Copper	7440-50-8	mg/L	4/14/2015	0.002	n/a	ND	
GU-5	d	Lead	7439-92-1	mg/L	4/14/2015	0.0005	n/a	ND	
GU-5	d	Nickel	7440-02-0	mg/L	4/14/2015	n/a	n/a		0.00974
GU-5	d	Selenium	7782-49-2	mg/L	4/14/2015	0.005	n/a	ND	
GU-5	d	Silver	7440-22-4	mg/L	4/14/2015	0.001	n/a	ND	
GU-5	d	Thallium	7440-28-0	mg/L	4/14/2015	0.001	n/a	ND	
GU-5	d	Vanadium	7440-62-2	mg/L	4/14/2015	0.005	n/a	ND	
GU-5	d	Zinc	7440-66-6	mg/L	4/14/2015	0.01	n/a	ND	
GU-5	d	Acetone	67-64-1	ug/L	4/14/2015	10	n/a	ND	
GU-5	d	Acrylonitrile	107-13-1	ug/L	4/14/2015	10	n/a	ND	
GU-5	d	Benzene	71-43-2	ug/L	4/14/2015	0.5	n/a	ND	
GU-5	d	Bromochloromethane	74-97-5	ug/L	4/14/2015	5	n/a	ND	
GU-5	d	Bromodichloromethane	75-27-4	ug/L	4/14/2015	1	n/a	ND	
GU-5	d	Bromoform	75-25-2	ug/L	4/14/2015	5	n/a	ND	
GU-5	d	Carbon disulfide	75-15-0	ug/L	4/14/2015	1	n/a	ND	
GU-5	d	Carbon Tetrachloride	56-23-5	ug/L	4/14/2015	2	n/a	ND	
GU-5	d	Chlorobenzene	108-90-7	ug/L	4/14/2015	1	n/a	ND	
GU-5	d	Chloroethane	75-00-3	ug/L	4/14/2015	4	n/a	ND	
GU-5	d	Chloroform	67-66-3	ug/L	4/14/2015	1	n/a	ND	
GU-5	d	Chlorodibromomethane	124-48-1	ug/L	4/14/2015	5	n/a	ND	
GU-5	d	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	4/14/2015	0.5	n/a	ND	
GU-5	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	4/14/2015	0.13	n/a	ND	
GU-5	d	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	4/14/2015	10	n/a	ND	
GU-5	d	1,1-Dichloroethane	75-34-3	ug/L	4/14/2015	1	n/a	ND	
GU-5	d	1,2-Dichloroethane	107-06-2	ug/L	4/14/2015	1	n/a	ND	
GU-5	d	1,1-Dichloroethene	75-35-4	ug/L	4/14/2015	2	n/a	ND	
GU-5	d	cis-1,2-Dichloroethene	156-59-2	ug/L	4/14/2015	1	n/a	ND	
GU-5	d	trans-1,2-Dichloroethene	156-60-5	ug/L	4/14/2015	1	n/a	ND	
GU-5	d	1,2-Dichloropropane	78-87-5	ug/L	4/14/2015	1	n/a	ND	
GU-5	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	4/14/2015	5	n/a	ND	
GU-5	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	4/14/2015	5	n/a	ND	
GU-5	d	1,2-Dichlorobenzene	95-50-1	ug/L	4/14/2015	1	n/a	ND	
GU-5	d	1,4-Dichlorobenzene	106-46-7	ug/L	4/14/2015	1	n/a	ND	
GU-5	d	Ethylbenzene	100-41-4	ug/L	4/14/2015	1	n/a	ND	
GU-5	d	2-Hexanone	591-78-6	ug/L	4/14/2015	10	n/a	ND	
GU-5	d	Bromomethane	74-83-9	ug/L	4/14/2015	n/a	n/a	J	0.253
GU-5	d	Chloromethane	74-87-3	ug/L	4/14/2015	3	n/a	ND	
GU-5	d	2-Butanone	78-93-3	ug/L	4/14/2015	10	n/a	ND	
GU-5	d	Iodomethane	74-88-4	ug/L	4/14/2015	10	n/a	ND	
GU-5	d	4-Methyl-2-pentanone	108-10-1	ug/L	4/14/2015	10	n/a	ND	
GU-5	d	Methylene Bromide	74-95-3	ug/L	4/14/2015	1	n/a	ND	
GU-5	d	Methylene Chloride	75-09-2	ug/L	4/14/2015	5	n/a	ND	
GU-5	d	Styrene	100-42-5	ug/L	4/14/2015	1	n/a	ND	
GU-5	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	4/14/2015	1	n/a	ND	
GU-5	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	4/14/2015	1	n/a	ND	
GU-5	d	Tetrachloroethene	127-18-4	ug/L	4/14/2015	1	n/a	ND	
GU-5	d	Toluene	108-88-3	ug/L	4/14/2015	1	n/a	ND	
GU-5	d	1,1,1-Trichloroethane	71-55-6	ug/L	4/14/2015	1	n/a	ND	
GU-5	d	1,1,2-Trichloroethane	79-00-5	ug/L	4/14/2015	1	n/a	ND	
GU-5	d	Trichloroethene	79-01-6	ug/L	4/14/2015	1	n/a	ND	

Table 9A
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Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
GU-5	d	Trichlorofluoromethane	75-69-4	ug/L	4/14/2015	4	n/a	ND	
GU-5	d	1,2,3-Trichloropropane	96-18-4	ug/L	4/14/2015	1	n/a	ND	
GU-5	d	Vinyl acetate	108-05-4	ug/L	4/14/2015	10	n/a	ND	
GU-5	d	Vinyl chloride	75-01-4	ug/L	4/14/2015	1	n/a	ND	
GU-5	d	Xylenes, total	1330-20-7	ug/L	4/14/2015	3	n/a	ND	
GU-5	d	Total Suspended Solids	TSS	mg/L	4/14/2015	n/a	n/a		62.5
GU-5BG	u	Antimony	7440-36-0	mg/L	4/14/2015	0.001	n/a	ND	
GU-5BG	u	Arsenic	7440-38-2	mg/L	4/14/2015	n/a	n/a		0.00309
GU-5BG	u	Barium	7440-39-3	mg/L	4/14/2015	n/a	n/a		0.164
GU-5BG	u	Beryllium	7440-41-7	mg/L	4/14/2015	0.001	n/a	ND	
GU-5BG	u	Cadmium	7440-43-9	mg/L	4/14/2015	0.0005	n/a	ND	
GU-5BG	u	Chromium	7440-47-3	mg/L	4/14/2015	0.005	n/a	ND	
GU-5BG	u	Cobalt	7440-48-4	mg/L	4/14/2015	n/a	n/a		0.0043
GU-5BG	u	Copper	7440-50-8	mg/L	4/14/2015	0.002	n/a	ND	
GU-5BG	u	Lead	7439-92-1	mg/L	4/14/2015	0.0005	n/a	ND	
GU-5BG	u	Nickel	7440-02-0	mg/L	4/14/2015	n/a	n/a		0.00974
GU-5BG	u	Selenium	7782-49-2	mg/L	4/14/2015	0.005	n/a	ND	
GU-5BG	u	Silver	7440-22-4	mg/L	4/14/2015	0.001	n/a	ND	
GU-5BG	u	Thallium	7440-28-0	mg/L	4/14/2015	0.001	n/a	ND	
GU-5BG	u	Vanadium	7440-62-2	mg/L	4/14/2015	0.005	n/a	ND	
GU-5BG	u	Zinc	7440-66-6	mg/L	4/14/2015	0.01	n/a	ND	
GU-5BG	u	Acetone	67-64-1	ug/L	4/14/2015	10	n/a	ND	
GU-5BG	u	Acrylonitrile	107-13-1	ug/L	4/14/2015	10	n/a	ND	
GU-5BG	u	Benzene	71-43-2	ug/L	4/14/2015	0.5	n/a	ND	
GU-5BG	u	Bromochloromethane	74-97-5	ug/L	4/14/2015	5	n/a	ND	
GU-5BG	u	Bromodichloromethane	75-27-4	ug/L	4/14/2015	1	n/a	ND	
GU-5BG	u	Bromoform	75-25-2	ug/L	4/14/2015	5	n/a	ND	
GU-5BG	u	Carbon disulfide	75-15-0	ug/L	4/14/2015	1	n/a	ND	
GU-5BG	u	Carbon Tetrachloride	56-23-5	ug/L	4/14/2015	2	n/a	ND	
GU-5BG	u	Chlorobenzene	108-90-7	ug/L	4/14/2015	1	n/a	ND	
GU-5BG	u	Chloroethane	75-00-3	ug/L	4/14/2015	4	n/a	ND	
GU-5BG	u	Chloroform	67-66-3	ug/L	4/14/2015	1	n/a	ND	
GU-5BG	u	Chlorodibromomethane	124-48-1	ug/L	4/14/2015	5	n/a	ND	
GU-5BG	u	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	4/14/2015	0.5	n/a	ND	
GU-5BG	u	1,2-Dibromoethane [EDB]	106-93-4	ug/L	4/14/2015	0.13	n/a	ND	
GU-5BG	u	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	4/14/2015	10	n/a	ND	
GU-5BG	u	1,1-Dichloroethane	75-34-3	ug/L	4/14/2015	1	n/a	ND	
GU-5BG	u	1,2-Dichloroethane	107-06-2	ug/L	4/14/2015	1	n/a	ND	
GU-5BG	u	1,1-Dichloroethene	75-35-4	ug/L	4/14/2015	2	n/a	ND	
GU-5BG	u	cis-1,2-Dichloroethene	156-59-2	ug/L	4/14/2015	1	n/a	ND	
GU-5BG	u	trans-1,2-Dichloroethene	156-60-5	ug/L	4/14/2015	1	n/a	ND	
GU-5BG	u	1,2-Dichloropropane	78-87-5	ug/L	4/14/2015	1	n/a	ND	
GU-5BG	u	cis-1,3-Dichloropropene	10061-01-5	ug/L	4/14/2015	5	n/a	ND	
GU-5BG	u	trans-1,3-Dichloropropene	10061-02-6	ug/L	4/14/2015	5	n/a	ND	
GU-5BG	u	1,2-Dichlorobenzene	95-50-1	ug/L	4/14/2015	1	n/a	ND	
GU-5BG	u	1,4-Dichlorobenzene	106-46-7	ug/L	4/14/2015	1	n/a	ND	
GU-5BG	u	Ethylbenzene	100-41-4	ug/L	4/14/2015	1	n/a	ND	
GU-5BG	u	2-Hexanone	591-78-6	ug/L	4/14/2015	10	n/a	ND	
GU-5BG	u	Bromomethane	74-83-9	ug/L	4/14/2015	n/a	n/a	J	0.253
GU-5BG	u	Chloromethane	74-87-3	ug/L	4/14/2015	3	n/a	ND	
GU-5BG	u	2-Butanone	78-93-3	ug/L	4/14/2015	10	n/a	ND	
GU-5BG	u	Iodomethane	74-88-4	ug/L	4/14/2015	10	n/a	ND	
GU-5BG	u	4-Methyl-2-pentanone	108-10-1	ug/L	4/14/2015	10	n/a	ND	
GU-5BG	u	Methylene Bromide	74-95-3	ug/L	4/14/2015	1	n/a	ND	
GU-5BG	u	Methylene Chloride	75-09-2	ug/L	4/14/2015	5	n/a	ND	
GU-5BG	u	Styrene	100-42-5	ug/L	4/14/2015	1	n/a	ND	
GU-5BG	u	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	4/14/2015	1	n/a	ND	
GU-5BG	u	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	4/14/2015	1	n/a	ND	
GU-5BG	u	Tetrachloroethene	127-18-4	ug/L	4/14/2015	1	n/a	ND	
GU-5BG	u	Toluene	108-88-3	ug/L	4/14/2015	1	n/a	ND	
GU-5BG	u	1,1,1-Trichloroethane	71-55-6	ug/L	4/14/2015	1	n/a	ND	
GU-5BG	u	1,1,2-Trichloroethane	79-00-5	ug/L	4/14/2015	1	n/a	ND	
GU-5BG	u	Trichloroethene	79-01-6	ug/L	4/14/2015	1	n/a	ND	
GU-5BG	u	Trichlorofluoromethane	75-69-4	ug/L	4/14/2015	4	n/a	ND	
GU-5BG	u	1,2,3-Trichloropropane	96-18-4	ug/L	4/14/2015	1	n/a	ND	
GU-5BG	u	Vinyl acetate	108-05-4	ug/L	4/14/2015	10	n/a	ND	
GU-5BG	u	Vinyl chloride	75-01-4	ug/L	4/14/2015	1	n/a	ND	
GU-5BG	u	Xylenes, total	1330-20-7	ug/L	4/14/2015	3	n/a	ND	
GU-5BG	u	Total Suspended Solids	TSS	mg/L	4/14/2015	n/a	n/a		62.5
MW-26	u	Antimony	7440-36-0	mg/L	4/14/2015	0.001	n/a	ND	
MW-26	u	Arsenic	7440-38-2	mg/L	4/14/2015	0.002	n/a	ND	
MW-26	u	Barium	7440-39-3	mg/L	4/14/2015	n/a	n/a		0.0604
MW-26	u	Beryllium	7440-41-7	mg/L	4/14/2015	0.001	n/a	ND	
MW-26	u	Cadmium	7440-43-9	mg/L	4/14/2015	0.0005	n/a	ND	
MW-26	u	Chromium	7440-47-3	mg/L	4/14/2015	n/a	n/a		0.0109

Table 9A
Analytical Data Summary - Phase II MSWLF
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Phase II MSWLF and CWTS
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-26	u	Cobalt	7440-48-4	mg/L	4/14/2015	0.0005	n/a	ND	
MW-26	u	Copper	7440-50-8	mg/L	4/14/2015	0.002	n/a	ND	
MW-26	u	Lead	7439-92-1	mg/L	4/14/2015	0.0005	n/a	ND	
MW-26	u	Nickel	7440-02-0	mg/L	4/14/2015	n/a	n/a	J	0.00081
MW-26	u	Selenium	7782-49-2	mg/L	4/14/2015	n/a	n/a		0.0797
MW-26	u	Silver	7440-22-4	mg/L	4/14/2015	n/a	n/a	J	0.000056
MW-26	u	Thallium	7440-28-0	mg/L	4/14/2015	0.001	n/a	ND	
MW-26	u	Vanadium	7440-62-2	mg/L	4/14/2015	n/a	n/a	J	0.000908
MW-26	u	Zinc	7440-66-6	mg/L	4/14/2015	n/a	n/a		0.0195
MW-26	u	Total Suspended Solids	TSS	mg/L	4/14/2015	n/a	n/a		2.67
MW-67	d	Antimony	7440-36-0	mg/L	4/14/2015	n/a	n/a	J	0.000389
MW-67	d	Arsenic	7440-38-2	mg/L	4/14/2015	0.002	n/a	ND	
MW-67	d	Barium	7440-39-3	mg/L	4/14/2015	n/a	n/a		0.0498
MW-67	d	Beryllium	7440-41-7	mg/L	4/14/2015	0.001	n/a	ND	
MW-67	d	Cadmium	7440-43-9	mg/L	4/14/2015	0.0005	n/a	ND	
MW-67	d	Chromium	7440-47-3	mg/L	4/14/2015	0.005	n/a	ND	
MW-67	d	Cobalt	7440-48-4	mg/L	4/14/2015	0.0005	n/a	ND	
MW-67	d	Copper	7440-50-8	mg/L	4/14/2015	0.002	n/a	ND	
MW-67	d	Lead	7439-92-1	mg/L	4/14/2015	0.0005	n/a	ND	
MW-67	d	Nickel	7440-02-0	mg/L	4/14/2015	n/a	n/a	J	0.00224
MW-67	d	Selenium	7782-49-2	mg/L	4/14/2015	0.005	n/a	ND	
MW-67	d	Silver	7440-22-4	mg/L	4/14/2015	0.001	n/a	ND	
MW-67	d	Thallium	7440-28-0	mg/L	4/14/2015	0.001	n/a	ND	
MW-67	d	Vanadium	7440-62-2	mg/L	4/14/2015	0.005	n/a	ND	
MW-67	d	Zinc	7440-66-6	mg/L	4/14/2015	0.01	n/a	ND	
MW-67	d	Acetone	67-64-1	ug/L	4/14/2015	10	n/a	ND	
MW-67	d	Acrylonitrile	107-13-1	ug/L	4/14/2015	10	n/a	ND	
MW-67	d	Benzene	71-43-2	ug/L	4/14/2015	0.5	n/a	ND	
MW-67	d	Bromochloromethane	74-97-5	ug/L	4/14/2015	5	n/a	ND	
MW-67	d	Bromodichloromethane	75-27-4	ug/L	4/14/2015	1	n/a	ND	
MW-67	d	Bromoform	75-25-2	ug/L	4/14/2015	5	n/a	ND	
MW-67	d	Carbon disulfide	75-15-0	ug/L	4/14/2015	1	n/a	ND	
MW-67	d	Carbon Tetrachloride	56-23-5	ug/L	4/14/2015	2	n/a	ND	
MW-67	d	Chlorobenzene	108-90-7	ug/L	4/14/2015	1	n/a	ND	
MW-67	d	Chloroethane	75-00-3	ug/L	4/14/2015	4	n/a	ND	
MW-67	d	Chloroform	67-66-3	ug/L	4/14/2015	1	n/a	ND	
MW-67	d	Chlorodibromomethane	124-48-1	ug/L	4/14/2015	5	n/a	ND	
MW-67	d	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	4/14/2015	0.5	n/a	ND	
MW-67	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	4/14/2015	0.13	n/a	ND	
MW-67	d	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	4/14/2015	10	n/a	ND	
MW-67	d	1,1-Dichloroethane	75-34-3	ug/L	4/14/2015	1	n/a	ND	
MW-67	d	1,2-Dichloroethane	107-06-2	ug/L	4/14/2015	1	n/a	ND	
MW-67	d	1,1-Dichloroethene	75-35-4	ug/L	4/14/2015	2	n/a	ND	
MW-67	d	cis-1,2-Dichloroethene	156-59-2	ug/L	4/14/2015	1	n/a	ND	
MW-67	d	trans-1,2-Dichloroethene	156-60-5	ug/L	4/14/2015	1	n/a	ND	
MW-67	d	1,2-Dichloropropane	78-87-5	ug/L	4/14/2015	1	n/a	ND	
MW-67	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	4/14/2015	5	n/a	ND	
MW-67	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	4/14/2015	5	n/a	ND	
MW-67	d	1,2-Dichlorobenzene	95-50-1	ug/L	4/14/2015	1	n/a	ND	
MW-67	d	1,4-Dichlorobenzene	106-46-7	ug/L	4/14/2015	1	n/a	ND	
MW-67	d	Ethylbenzene	100-41-4	ug/L	4/14/2015	1	n/a	ND	
MW-67	d	2-Hexanone	591-78-6	ug/L	4/14/2015	10	n/a	ND	
MW-67	d	Bromomethane	74-83-9	ug/L	4/14/2015	n/a	n/a	J	0.292
MW-67	d	Chloromethane	74-87-3	ug/L	4/14/2015	3	n/a	ND	
MW-67	d	2-Butanone	78-93-3	ug/L	4/14/2015	10	n/a	ND	
MW-67	d	Iodomethane	74-88-4	ug/L	4/14/2015	10	n/a	ND	
MW-67	d	4-Methyl-2-pentanone	108-10-1	ug/L	4/14/2015	10	n/a	ND	
MW-67	d	Methylene Bromide	74-95-3	ug/L	4/14/2015	1	n/a	ND	
MW-67	d	Methylene Chloride	75-09-2	ug/L	4/14/2015	n/a	n/a	J	0.395
MW-67	d	Styrene	100-42-5	ug/L	4/14/2015	1	n/a	ND	
MW-67	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	4/14/2015	1	n/a	ND	
MW-67	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	4/14/2015	1	n/a	ND	
MW-67	d	Tetrachloroethene	127-18-4	ug/L	4/14/2015	1	n/a	ND	
MW-67	d	Toluene	108-88-3	ug/L	4/14/2015	1	n/a	ND	
MW-67	d	1,1,1-Trichloroethane	71-55-6	ug/L	4/14/2015	1	n/a	ND	
MW-67	d	1,1,2-Trichloroethane	79-00-5	ug/L	4/14/2015	1	n/a	ND	
MW-67	d	Trichloroethene	79-01-6	ug/L	4/14/2015	1	n/a	ND	
MW-67	d	Trichlorofluoromethane	75-69-4	ug/L	4/14/2015	4	n/a	ND	
MW-67	d	1,2,3-Trichloropropane	96-18-4	ug/L	4/14/2015	1	n/a	ND	
MW-67	d	Vinyl acetate	108-05-4	ug/L	4/14/2015	10	n/a	ND	
MW-67	d	Vinyl chloride	75-01-4	ug/L	4/14/2015	1	n/a	ND	
MW-67	d	Xylenes, total	1330-20-7	ug/L	4/14/2015	3	n/a	ND	
MW-67	d	Total Suspended Solids	TSS	mg/L	4/14/2015	n/a	n/a	J	1.71
MW-B	d	Antimony	7440-36-0	mg/L	4/14/2015	0.001	n/a	ND	
MW-B	d	Antimony	7440-36-0	mg/L	4/14/2015	0.001	n/a	ND	

Table 9A
Analytical Data Summary - Phase II MSWLF
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Phase II MSWLF and CWTS
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Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-B	d	Arsenic	7440-38-2	mg/L	4/14/2015	n/a	n/a	J	0.00118
MW-B	d	Arsenic	7440-38-2	mg/L	4/14/2015	n/a	n/a	J	0.00123
MW-B	d	Barium	7440-39-3	mg/L	4/14/2015	n/a	n/a		0.0461
MW-B	d	Barium	7440-39-3	mg/L	4/14/2015	n/a	n/a		0.046
MW-B	d	Beryllium	7440-41-7	mg/L	4/14/2015	0.001	n/a	ND	
MW-B	d	Beryllium	7440-41-7	mg/L	4/14/2015	0.001	n/a	ND	
MW-B	d	Cadmium	7440-43-9	mg/L	4/14/2015	0.0005	n/a	ND	
MW-B	d	Cadmium	7440-43-9	mg/L	4/14/2015	0.0005	n/a	ND	
MW-B	d	Chromium	7440-47-3	mg/L	4/14/2015	0.005	n/a	ND	
MW-B	d	Chromium	7440-47-3	mg/L	4/14/2015	0.005	n/a	ND	
MW-B	d	Cobalt	7440-48-4	mg/L	4/14/2015	n/a	n/a	J	0.000316
MW-B	d	Cobalt	7440-48-4	mg/L	4/14/2015	n/a	n/a	J	0.000439
MW-B	d	Copper	7440-50-8	mg/L	4/14/2015	n/a	n/a		0.00206
MW-B	d	Copper	7440-50-8	mg/L	4/14/2015	n/a	n/a		0.0024
MW-B	d	Lead	7439-92-1	mg/L	4/14/2015	n/a	n/a	J	0.000301
MW-B	d	Lead	7439-92-1	mg/L	4/14/2015	n/a	n/a	J	0.000286
MW-B	d	Nickel	7440-02-0	mg/L	4/14/2015	n/a	n/a	J	0.00182
MW-B	d	Nickel	7440-02-0	mg/L	4/14/2015	n/a	n/a	J	0.00278
MW-B	d	Selenium	7782-49-2	mg/L	4/14/2015	0.005	n/a	ND	
MW-B	d	Selenium	7782-49-2	mg/L	4/14/2015	0.005	n/a	ND	
MW-B	d	Silver	7440-22-4	mg/L	4/14/2015	0.001	n/a	ND	
MW-B	d	Silver	7440-22-4	mg/L	4/14/2015	0.001	n/a	ND	
MW-B	d	Thallium	7440-28-0	mg/L	4/14/2015	0.001	n/a	ND	
MW-B	d	Thallium	7440-28-0	mg/L	4/14/2015	0.001	n/a	ND	
MW-B	d	Vanadium	7440-62-2	mg/L	4/14/2015	n/a	n/a	J	0.000946
MW-B	d	Vanadium	7440-62-2	mg/L	4/14/2015	n/a	n/a	J	0.000914
MW-B	d	Zinc	7440-66-6	mg/L	4/14/2015	0.01	n/a	ND	
MW-B	d	Zinc	7440-66-6	mg/L	4/14/2015	0.01	n/a	ND	
MW-B	d	Acetone	67-64-1	ug/L	4/14/2015	10	n/a	ND	
MW-B	d	Acetone	67-64-1	ug/L	4/14/2015	10	n/a	ND	
MW-B	d	Acrylonitrile	107-13-1	ug/L	4/14/2015	10	n/a	ND	
MW-B	d	Acrylonitrile	107-13-1	ug/L	4/14/2015	10	n/a	ND	
MW-B	d	Benzene	71-43-2	ug/L	4/14/2015	0.5	n/a	ND	
MW-B	d	Benzene	71-43-2	ug/L	4/14/2015	0.5	n/a	ND	
MW-B	d	Bromochloromethane	74-97-5	ug/L	4/14/2015	5	n/a	ND	
MW-B	d	Bromochloromethane	74-97-5	ug/L	4/14/2015	5	n/a	ND	
MW-B	d	Bromodichloromethane	75-27-4	ug/L	4/14/2015	1	n/a	ND	
MW-B	d	Bromodichloromethane	75-27-4	ug/L	4/14/2015	1	n/a	ND	
MW-B	d	Bromoform	75-25-2	ug/L	4/14/2015	5	n/a	ND	
MW-B	d	Bromoform	75-25-2	ug/L	4/14/2015	5	n/a	ND	
MW-B	d	Carbon disulfide	75-15-0	ug/L	4/14/2015	1	n/a	ND	
MW-B	d	Carbon disulfide	75-15-0	ug/L	4/14/2015	1	n/a	ND	
MW-B	d	Carbon Tetrachloride	56-23-5	ug/L	4/14/2015	2	n/a	ND	
MW-B	d	Carbon Tetrachloride	56-23-5	ug/L	4/14/2015	2	n/a	ND	
MW-B	d	Chlorobenzene	108-90-7	ug/L	4/14/2015	1	n/a	ND	
MW-B	d	Chlorobenzene	108-90-7	ug/L	4/14/2015	1	n/a	ND	
MW-B	d	Chloroethane	75-00-3	ug/L	4/14/2015	4	n/a	ND	
MW-B	d	Chloroethane	75-00-3	ug/L	4/14/2015	4	n/a	ND	
MW-B	d	Chloroform	67-66-3	ug/L	4/14/2015	1	n/a	ND	
MW-B	d	Chloroform	67-66-3	ug/L	4/14/2015	1	n/a	ND	
MW-B	d	Chlorodibromomethane	124-48-1	ug/L	4/14/2015	5	n/a	ND	
MW-B	d	Chlorodibromomethane	124-48-1	ug/L	4/14/2015	5	n/a	ND	
MW-B	d	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	4/14/2015	0.5	n/a	ND	
MW-B	d	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	4/14/2015	0.5	n/a	ND	
MW-B	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	4/14/2015	0.13	n/a	ND	
MW-B	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	4/14/2015	0.13	n/a	ND	
MW-B	d	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	4/14/2015	10	n/a	ND	
MW-B	d	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	4/14/2015	10	n/a	ND	
MW-B	d	1,1-Dichloroethane	75-34-3	ug/L	4/14/2015	1	n/a	ND	
MW-B	d	1,1-Dichloroethane	75-34-3	ug/L	4/14/2015	1	n/a	ND	
MW-B	d	1,2-Dichloroethane	107-06-2	ug/L	4/14/2015	1	n/a	ND	
MW-B	d	1,2-Dichloroethane	107-06-2	ug/L	4/14/2015	1	n/a	ND	
MW-B	d	1,1-Dichloroethene	75-35-4	ug/L	4/14/2015	2	n/a	ND	
MW-B	d	1,1-Dichloroethene	75-35-4	ug/L	4/14/2015	2	n/a	ND	
MW-B	d	cis-1,2-Dichloroethene	156-59-2	ug/L	4/14/2015	1	n/a	ND	
MW-B	d	cis-1,2-Dichloroethene	156-59-2	ug/L	4/14/2015	1	n/a	ND	
MW-B	d	trans-1,2-Dichloroethene	156-60-5	ug/L	4/14/2015	1	n/a	ND	
MW-B	d	trans-1,2-Dichloroethene	156-60-5	ug/L	4/14/2015	1	n/a	ND	
MW-B	d	1,2-Dichloropropane	78-87-5	ug/L	4/14/2015	1	n/a	ND	
MW-B	d	1,2-Dichloropropane	78-87-5	ug/L	4/14/2015	1	n/a	ND	
MW-B	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	4/14/2015	5	n/a	ND	
MW-B	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	4/14/2015	5	n/a	ND	
MW-B	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	4/14/2015	5	n/a	ND	
MW-B	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	4/14/2015	5	n/a	ND	
MW-B	d	1,2-Dichlorobenzene	95-50-1	ug/L	4/14/2015	1	n/a	ND	

Table 9A
Analytical Data Summary - Phase II MSWLF
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Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-B	d	1,2-Dichlorobenzene	95-50-1	ug/L	4/14/2015	1	n/a	ND	
MW-B	d	1,4-Dichlorobenzene	106-46-7	ug/L	4/14/2015	1	n/a	ND	
MW-B	d	1,4-Dichlorobenzene	106-46-7	ug/L	4/14/2015	1	n/a	ND	
MW-B	d	Ethylbenzene	100-41-4	ug/L	4/14/2015	1	n/a	ND	
MW-B	d	Ethylbenzene	100-41-4	ug/L	4/14/2015	1	n/a	ND	
MW-B	d	2-Hexanone	591-78-6	ug/L	4/14/2015	10	n/a	ND	
MW-B	d	2-Hexanone	591-78-6	ug/L	4/14/2015	10	n/a	ND	
MW-B	d	Bromomethane	74-83-9	ug/L	4/14/2015	n/a	n/a	J	0.29
MW-B	d	Bromomethane	74-83-9	ug/L	4/14/2015	n/a	n/a	J	0.272
MW-B	d	Chloromethane	74-87-3	ug/L	4/14/2015	3	n/a	ND	
MW-B	d	Chloromethane	74-87-3	ug/L	4/14/2015	3	n/a	ND	
MW-B	d	2-Butanone	78-93-3	ug/L	4/14/2015	10	n/a	ND	
MW-B	d	2-Butanone	78-93-3	ug/L	4/14/2015	10	n/a	ND	
MW-B	d	Iodomethane	74-88-4	ug/L	4/14/2015	10	n/a	ND	
MW-B	d	Iodomethane	74-88-4	ug/L	4/14/2015	10	n/a	ND	
MW-B	d	4-Methyl-2-pentanone	108-10-1	ug/L	4/14/2015	10	n/a	ND	
MW-B	d	4-Methyl-2-pentanone	108-10-1	ug/L	4/14/2015	10	n/a	ND	
MW-B	d	Methylene Bromide	74-95-3	ug/L	4/14/2015	1	n/a	ND	
MW-B	d	Methylene Bromide	74-95-3	ug/L	4/14/2015	1	n/a	ND	
MW-B	d	Methylene Chloride	75-09-2	ug/L	4/14/2015	5	n/a	ND	
MW-B	d	Methylene Chloride	75-09-2	ug/L	4/14/2015	5	n/a	ND	
MW-B	d	Styrene	100-42-5	ug/L	4/14/2015	1	n/a	ND	
MW-B	d	Styrene	100-42-5	ug/L	4/14/2015	1	n/a	ND	
MW-B	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	4/14/2015	1	n/a	ND	
MW-B	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	4/14/2015	1	n/a	ND	
MW-B	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	4/14/2015	1	n/a	ND	
MW-B	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	4/14/2015	1	n/a	ND	
MW-B	d	Tetrachloroethene	127-18-4	ug/L	4/14/2015	1	n/a	ND	
MW-B	d	Tetrachloroethene	127-18-4	ug/L	4/14/2015	1	n/a	ND	
MW-B	d	Toluene	108-88-3	ug/L	4/14/2015	1	n/a	ND	
MW-B	d	Toluene	108-88-3	ug/L	4/14/2015	1	n/a	ND	
MW-B	d	1,1,1-Trichloroethane	71-55-6	ug/L	4/14/2015	1	n/a	ND	
MW-B	d	1,1,1-Trichloroethane	71-55-6	ug/L	4/14/2015	1	n/a	ND	
MW-B	d	1,1,2-Trichloroethane	79-00-5	ug/L	4/14/2015	1	n/a	ND	
MW-B	d	1,1,2-Trichloroethane	79-00-5	ug/L	4/14/2015	1	n/a	ND	
MW-B	d	Trichloroethene	79-01-6	ug/L	4/14/2015	1	n/a	ND	
MW-B	d	Trichloroethene	79-01-6	ug/L	4/14/2015	1	n/a	ND	
MW-B	d	Trichlorofluoromethane	75-69-4	ug/L	4/14/2015	4	n/a	ND	
MW-B	d	Trichlorofluoromethane	75-69-4	ug/L	4/14/2015	4	n/a	ND	
MW-B	d	1,2,3-Trichloropropane	96-18-4	ug/L	4/14/2015	1	n/a	ND	
MW-B	d	1,2,3-Trichloropropane	96-18-4	ug/L	4/14/2015	1	n/a	ND	
MW-B	d	Vinyl acetate	108-05-4	ug/L	4/14/2015	10	n/a	ND	
MW-B	d	Vinyl acetate	108-05-4	ug/L	4/14/2015	10	n/a	ND	
MW-B	d	Vinyl chloride	75-01-4	ug/L	4/14/2015	1	n/a	ND	
MW-B	d	Vinyl chloride	75-01-4	ug/L	4/14/2015	1	n/a	ND	
MW-B	d	Xylenes, total	1330-20-7	ug/L	4/14/2015	3	n/a	ND	
MW-B	d	Xylenes, total	1330-20-7	ug/L	4/14/2015	3	n/a	ND	
MW-B	d	Total Suspended Solids	TSS	mg/L	4/14/2015	n/a	n/a		4.25
MW-B	d	Total Suspended Solids	TSS	mg/L	4/14/2015	n/a	n/a		3.2
MW-C	d	Antimony	7440-36-0	mg/L	4/14/2015	0.001	n/a	ND	
MW-C	d	Arsenic	7440-38-2	mg/L	4/14/2015	0.002	n/a	ND	
MW-C	d	Barium	7440-39-3	mg/L	4/14/2015	n/a	n/a		0.52
MW-C	d	Beryllium	7440-41-7	mg/L	4/14/2015	0.001	n/a	ND	
MW-C	d	Cadmium	7440-43-9	mg/L	4/14/2015	0.0005	n/a	ND	
MW-C	d	Chromium	7440-47-3	mg/L	4/14/2015	0.005	n/a	ND	
MW-C	d	Cobalt	7440-48-4	mg/L	4/14/2015	0.0005	n/a	ND	
MW-C	d	Copper	7440-50-8	mg/L	4/14/2015	n/a	n/a	J	0.00159
MW-C	d	Lead	7439-92-1	mg/L	4/14/2015	0.0005	n/a	ND	
MW-C	d	Nickel	7440-02-0	mg/L	4/14/2015	n/a	n/a	J	0.000709
MW-C	d	Selenium	7782-49-2	mg/L	4/14/2015	0.005	n/a	ND	
MW-C	d	Silver	7440-22-4	mg/L	4/14/2015	0.001	n/a	ND	
MW-C	d	Thallium	7440-28-0	mg/L	4/14/2015	0.001	n/a	ND	
MW-C	d	Vanadium	7440-62-2	mg/L	4/14/2015	n/a	n/a	J	0.000572
MW-C	d	Zinc	7440-66-6	mg/L	4/14/2015	0.01	n/a	ND	
MW-C	d	Acetone	67-64-1	ug/L	4/14/2015	10	n/a	ND	
MW-C	d	Acrylonitrile	107-13-1	ug/L	4/14/2015	10	n/a	ND	
MW-C	d	Benzene	71-43-2	ug/L	4/14/2015	0.5	n/a	ND	
MW-C	d	Bromochloromethane	74-97-5	ug/L	4/14/2015	5	n/a	ND	
MW-C	d	Bromodichloromethane	75-27-4	ug/L	4/14/2015	1	n/a	ND	
MW-C	d	Bromoform	75-25-2	ug/L	4/14/2015	5	n/a	ND	
MW-C	d	Carbon disulfide	75-15-0	ug/L	4/14/2015	1	n/a	ND	
MW-C	d	Carbon Tetrachloride	56-23-5	ug/L	4/14/2015	2	n/a	ND	
MW-C	d	Chlorobenzene	108-90-7	ug/L	4/14/2015	1	n/a	ND	
MW-C	d	Chloroethane	75-00-3	ug/L	4/14/2015	4	n/a	ND	
MW-C	d	Chloroform	67-66-3	ug/L	4/14/2015	1	n/a	ND	

Table 9A
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Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-C	d	Chlorodibromomethane	124-48-1	ug/L	4/14/2015	5	n/a	ND	
MW-C	d	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	4/14/2015	0.5	n/a	ND	
MW-C	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	4/14/2015	0.13	n/a	ND	
MW-C	d	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	4/14/2015	10	n/a	ND	
MW-C	d	1,1-Dichloroethane	75-34-3	ug/L	4/14/2015	1	n/a	ND	
MW-C	d	1,2-Dichloroethane	107-06-2	ug/L	4/14/2015	1	n/a	ND	
MW-C	d	1,1-Dichloroethene	75-35-4	ug/L	4/14/2015	2	n/a	ND	
MW-C	d	cis-1,2-Dichloroethene	156-59-2	ug/L	4/14/2015	1	n/a	ND	
MW-C	d	trans-1,2-Dichloroethene	156-60-5	ug/L	4/14/2015	1	n/a	ND	
MW-C	d	1,2-Dichloropropane	78-87-5	ug/L	4/14/2015	1	n/a	ND	
MW-C	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	4/14/2015	5	n/a	ND	
MW-C	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	4/14/2015	5	n/a	ND	
MW-C	d	1,2-Dichlorobenzene	95-50-1	ug/L	4/14/2015	1	n/a	ND	
MW-C	d	1,4-Dichlorobenzene	106-46-7	ug/L	4/14/2015	1	n/a	ND	
MW-C	d	Ethylbenzene	100-41-4	ug/L	4/14/2015	1	n/a	ND	
MW-C	d	2-Hexanone	591-78-6	ug/L	4/14/2015	10	n/a	ND	
MW-C	d	Bromomethane	74-83-9	ug/L	4/14/2015	n/a	n/a	J	0.225
MW-C	d	Chloromethane	74-87-3	ug/L	4/14/2015	3	n/a	ND	
MW-C	d	2-Butanone	78-93-3	ug/L	4/14/2015	10	n/a	ND	
MW-C	d	Iodomethane	74-88-4	ug/L	4/14/2015	10	n/a	ND	
MW-C	d	4-Methyl-2-pentanone	108-10-1	ug/L	4/14/2015	10	n/a	ND	
MW-C	d	Methylene Bromide	74-95-3	ug/L	4/14/2015	1	n/a	ND	
MW-C	d	Methylene Chloride	75-09-2	ug/L	4/14/2015	n/a	n/a	J	0.186
MW-C	d	Styrene	100-42-5	ug/L	4/14/2015	1	n/a	ND	
MW-C	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	4/14/2015	1	n/a	ND	
MW-C	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	4/14/2015	1	n/a	ND	
MW-C	d	Tetrachloroethene	127-18-4	ug/L	4/14/2015	1	n/a	ND	
MW-C	d	Toluene	108-88-3	ug/L	4/14/2015	1	n/a	ND	
MW-C	d	1,1,1-Trichloroethane	71-55-6	ug/L	4/14/2015	1	n/a	ND	
MW-C	d	1,1,2-Trichloroethane	79-00-5	ug/L	4/14/2015	1	n/a	ND	
MW-C	d	Trichloroethene	79-01-6	ug/L	4/14/2015	1	n/a	ND	
MW-C	d	Trichlorofluoromethane	75-69-4	ug/L	4/14/2015	4	n/a	ND	
MW-C	d	1,2,3-Trichloropropane	96-18-4	ug/L	4/14/2015	1	n/a	ND	
MW-C	d	Vinyl acetate	108-05-4	ug/L	4/14/2015	10	n/a	ND	
MW-C	d	Vinyl chloride	75-01-4	ug/L	4/14/2015	1	n/a	ND	
MW-C	d	Xylenes, total	1330-20-7	ug/L	4/14/2015	3	n/a	ND	
MW-C	d	Total Suspended Solids	TSS	mg/L	4/14/2015	n/a	n/a		2.83
GU-3	d	Antimony	7440-36-0	mg/L	10/1/2015	0.001	n/a	ND	
GU-3	d	Arsenic	7440-38-2	mg/L	10/1/2015	n/a	n/a	J	0.00134
GU-3	d	Barium	7440-39-3	mg/L	10/1/2015	n/a	n/a		0.205
GU-3	d	Beryllium	7440-41-7	mg/L	10/1/2015	n/a	n/a	J	0.000202
GU-3	d	Cadmium	7440-43-9	mg/L	10/1/2015	n/a	n/a	J	0.000154
GU-3	d	Chromium	7440-47-3	mg/L	10/1/2015	n/a	n/a	J	0.00153
GU-3	d	Cobalt	7440-48-4	mg/L	10/1/2015	n/a	n/a		0.00158
GU-3	d	Copper	7440-50-8	mg/L	10/1/2015	n/a	n/a		0.00363
GU-3	d	Lead	7439-92-1	mg/L	10/1/2015	n/a	n/a		0.00393
GU-3	d	Nickel	7440-02-0	mg/L	10/1/2015	n/a	n/a		0.00561
GU-3	d	Selenium	7782-49-2	mg/L	10/1/2015	0.005	n/a	ND	
GU-3	d	Silver	7440-22-4	mg/L	10/1/2015	0.001	n/a	ND	
GU-3	d	Thallium	7440-28-0	mg/L	10/1/2015	n/a	n/a	J	0.000058
GU-3	d	Vanadium	7440-62-2	mg/L	10/1/2015	n/a	n/a		0.00527
GU-3	d	Zinc	7440-66-6	mg/L	10/1/2015	n/a	n/a		0.0158
GU-3	d	Acetone	67-64-1	ug/L	10/1/2015	10	n/a	ND	
GU-3	d	Acrylonitrile	107-13-1	ug/L	10/1/2015	10	n/a	ND	
GU-3	d	Benzene	71-43-2	ug/L	10/1/2015	0.5	n/a	ND	
GU-3	d	Bromochloromethane	74-97-5	ug/L	10/1/2015	5	n/a	ND	
GU-3	d	Bromodichloromethane	75-27-4	ug/L	10/1/2015	1	n/a	ND	
GU-3	d	Bromoform	75-25-2	ug/L	10/1/2015	5	n/a	ND	
GU-3	d	Carbon disulfide	75-15-0	ug/L	10/1/2015	1	n/a	ND	
GU-3	d	Carbon Tetrachloride	56-23-5	ug/L	10/1/2015	2	n/a	ND	
GU-3	d	Chlorobenzene	108-90-7	ug/L	10/1/2015	1	n/a	ND	
GU-3	d	Chloroethane	75-00-3	ug/L	10/1/2015	4	n/a	ND	
GU-3	d	Chloroform	67-66-3	ug/L	10/1/2015	1	n/a	ND	
GU-3	d	Chlorodibromomethane	124-48-1	ug/L	10/1/2015	5	n/a	ND	
GU-3	d	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	10/1/2015	0.5	n/a	ND	
GU-3	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	10/1/2015	0.13	n/a	ND	
GU-3	d	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	10/1/2015	10	n/a	ND	
GU-3	d	1,1-Dichloroethane	75-34-3	ug/L	10/1/2015	1	n/a	ND	
GU-3	d	1,2-Dichloroethane	107-06-2	ug/L	10/1/2015	1	n/a	ND	
GU-3	d	1,1-Dichloroethene	75-35-4	ug/L	10/1/2015	2	n/a	ND	
GU-3	d	cis-1,2-Dichloroethene	156-59-2	ug/L	10/1/2015	1	n/a	ND	
GU-3	d	trans-1,2-Dichloroethene	156-60-5	ug/L	10/1/2015	1	n/a	ND	
GU-3	d	1,2-Dichloropropane	78-87-5	ug/L	10/1/2015	1	n/a	ND	
GU-3	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	10/1/2015	5	n/a	ND	
GU-3	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	10/1/2015	5	n/a	ND	

Table 9A
Analytical Data Summary - Phase II MSWLF
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Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
GU-3	d	1,2-Dichlorobenzene	95-50-1	ug/L	10/1/2015	1	n/a	ND	
GU-3	d	1,4-Dichlorobenzene	106-46-7	ug/L	10/1/2015	1	n/a	ND	
GU-3	d	Ethylbenzene	100-41-4	ug/L	10/1/2015	1	n/a	ND	
GU-3	d	2-Hexanone	591-78-6	ug/L	10/1/2015	10	n/a	ND	
GU-3	d	Bromomethane	74-83-9	ug/L	10/1/2015	4	n/a	ND	
GU-3	d	Chloromethane	74-87-3	ug/L	10/1/2015	3	n/a	ND	
GU-3	d	2-Butanone	78-93-3	ug/L	10/1/2015	10	n/a	ND	
GU-3	d	Iodomethane	74-88-4	ug/L	10/1/2015	10	n/a	ND	
GU-3	d	4-Methyl-2-pentanone	108-10-1	ug/L	10/1/2015	10	n/a	ND	
GU-3	d	Methylene Bromide	74-95-3	ug/L	10/1/2015	1	n/a	ND	
GU-3	d	Methylene Chloride	75-09-2	ug/L	10/1/2015	5	n/a	ND	
GU-3	d	Styrene	100-42-5	ug/L	10/1/2015	1	n/a	ND	
GU-3	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	10/1/2015	1	n/a	ND	
GU-3	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	10/1/2015	1	n/a	ND	
GU-3	d	Tetrachloroethene	127-18-4	ug/L	10/1/2015	1	n/a	ND	
GU-3	d	Toluene	108-88-3	ug/L	10/1/2015	1	n/a	ND	
GU-3	d	1,1,1-Trichloroethane	71-55-6	ug/L	10/1/2015	1	n/a	ND	
GU-3	d	1,1,2-Trichloroethane	79-00-5	ug/L	10/1/2015	1	n/a	ND	
GU-3	d	Trichloroethene	79-01-6	ug/L	10/1/2015	1	n/a	ND	
GU-3	d	Trichlorofluoromethane	75-69-4	ug/L	10/1/2015	4	n/a	ND	
GU-3	d	1,2,3-Trichloropropane	96-18-4	ug/L	10/1/2015	1	n/a	ND	
GU-3	d	Vinyl acetate	108-05-4	ug/L	10/1/2015	10	n/a	ND	
GU-3	d	Vinyl chloride	75-01-4	ug/L	10/1/2015	1	n/a	ND	
GU-3	d	Xylenes, total	1330-20-7	ug/L	10/1/2015	3	n/a	ND	
GU-3	d	Total Suspended Solids	TSS	mg/L	10/1/2015	n/a	n/a		552
GU-3BG	u	Antimony	7440-36-0	mg/L	10/1/2015	0.001	n/a	ND	
GU-3BG	u	Arsenic	7440-38-2	mg/L	10/1/2015	n/a	n/a	J	0.00134
GU-3BG	u	Barium	7440-39-3	mg/L	10/1/2015	n/a	n/a		0.205
GU-3BG	u	Beryllium	7440-41-7	mg/L	10/1/2015	n/a	n/a	J	0.000202
GU-3BG	u	Cadmium	7440-43-9	mg/L	10/1/2015	n/a	n/a	J	0.000154
GU-3BG	u	Chromium	7440-47-3	mg/L	10/1/2015	n/a	n/a	J	0.00153
GU-3BG	u	Cobalt	7440-48-4	mg/L	10/1/2015	n/a	n/a		0.00158
GU-3BG	u	Copper	7440-50-8	mg/L	10/1/2015	n/a	n/a		0.00363
GU-3BG	u	Lead	7439-92-1	mg/L	10/1/2015	n/a	n/a		0.00393
GU-3BG	u	Nickel	7440-02-0	mg/L	10/1/2015	n/a	n/a		0.00561
GU-3BG	u	Selenium	7782-49-2	mg/L	10/1/2015	0.005	n/a	ND	
GU-3BG	u	Silver	7440-22-4	mg/L	10/1/2015	0.001	n/a	ND	
GU-3BG	u	Thallium	7440-28-0	mg/L	10/1/2015	n/a	n/a	J	0.000058
GU-3BG	u	Vanadium	7440-62-2	mg/L	10/1/2015	n/a	n/a		0.00527
GU-3BG	u	Zinc	7440-66-6	mg/L	10/1/2015	n/a	n/a		0.0158
GU-3BG	u	Acetone	67-64-1	ug/L	10/1/2015	10	n/a	ND	
GU-3BG	u	Acrylonitrile	107-13-1	ug/L	10/1/2015	10	n/a	ND	
GU-3BG	u	Benzene	71-43-2	ug/L	10/1/2015	0.5	n/a	ND	
GU-3BG	u	Bromochloromethane	74-97-5	ug/L	10/1/2015	5	n/a	ND	
GU-3BG	u	Bromodichloromethane	75-27-4	ug/L	10/1/2015	1	n/a	ND	
GU-3BG	u	Bromoform	75-25-2	ug/L	10/1/2015	5	n/a	ND	
GU-3BG	u	Carbon disulfide	75-15-0	ug/L	10/1/2015	1	n/a	ND	
GU-3BG	u	Carbon Tetrachloride	56-23-5	ug/L	10/1/2015	2	n/a	ND	
GU-3BG	u	Chlorobenzene	108-90-7	ug/L	10/1/2015	1	n/a	ND	
GU-3BG	u	Chloroethane	75-00-3	ug/L	10/1/2015	4	n/a	ND	
GU-3BG	u	Chloroform	67-66-3	ug/L	10/1/2015	1	n/a	ND	
GU-3BG	u	Chlorodibromomethane	124-48-1	ug/L	10/1/2015	5	n/a	ND	
GU-3BG	u	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	10/1/2015	0.5	n/a	ND	
GU-3BG	u	1,2-Dibromoethane [EDB]	106-93-4	ug/L	10/1/2015	0.13	n/a	ND	
GU-3BG	u	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	10/1/2015	10	n/a	ND	
GU-3BG	u	1,1-Dichloroethane	75-34-3	ug/L	10/1/2015	1	n/a	ND	
GU-3BG	u	1,2-Dichloroethane	107-06-2	ug/L	10/1/2015	1	n/a	ND	
GU-3BG	u	1,1-Dichloroethene	75-35-4	ug/L	10/1/2015	2	n/a	ND	
GU-3BG	u	cis-1,2-Dichloroethene	156-59-2	ug/L	10/1/2015	1	n/a	ND	
GU-3BG	u	trans-1,2-Dichloroethene	156-60-5	ug/L	10/1/2015	1	n/a	ND	
GU-3BG	u	1,2-Dichloropropane	78-87-5	ug/L	10/1/2015	1	n/a	ND	
GU-3BG	u	cis-1,3-Dichloropropene	10061-01-5	ug/L	10/1/2015	5	n/a	ND	
GU-3BG	u	trans-1,3-Dichloropropene	10061-02-6	ug/L	10/1/2015	5	n/a	ND	
GU-3BG	u	1,2-Dichlorobenzene	95-50-1	ug/L	10/1/2015	1	n/a	ND	
GU-3BG	u	1,4-Dichlorobenzene	106-46-7	ug/L	10/1/2015	1	n/a	ND	
GU-3BG	u	Ethylbenzene	100-41-4	ug/L	10/1/2015	1	n/a	ND	
GU-3BG	u	2-Hexanone	591-78-6	ug/L	10/1/2015	10	n/a	ND	
GU-3BG	u	Bromomethane	74-83-9	ug/L	10/1/2015	4	n/a	ND	
GU-3BG	u	Chloromethane	74-87-3	ug/L	10/1/2015	3	n/a	ND	
GU-3BG	u	2-Butanone	78-93-3	ug/L	10/1/2015	10	n/a	ND	
GU-3BG	u	Iodomethane	74-88-4	ug/L	10/1/2015	10	n/a	ND	
GU-3BG	u	4-Methyl-2-pentanone	108-10-1	ug/L	10/1/2015	10	n/a	ND	
GU-3BG	u	Methylene Bromide	74-95-3	ug/L	10/1/2015	1	n/a	ND	
GU-3BG	u	Methylene Chloride	75-09-2	ug/L	10/1/2015	5	n/a	ND	
GU-3BG	u	Styrene	100-42-5	ug/L	10/1/2015	1	n/a	ND	

Table 9A
Analytical Data Summary - Phase II MSWLF
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Phase II MSWLF and CWTS
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Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
GU-3BG	u	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	10/1/2015	1	n/a	ND	
GU-3BG	u	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	10/1/2015	1	n/a	ND	
GU-3BG	u	Tetrachloroethene	127-18-4	ug/L	10/1/2015	1	n/a	ND	
GU-3BG	u	Toluene	108-88-3	ug/L	10/1/2015	1	n/a	ND	
GU-3BG	u	1,1,1-Trichloroethane	71-55-6	ug/L	10/1/2015	1	n/a	ND	
GU-3BG	u	1,1,2-Trichloroethane	79-00-5	ug/L	10/1/2015	1	n/a	ND	
GU-3BG	u	Trichloroethene	79-01-6	ug/L	10/1/2015	1	n/a	ND	
GU-3BG	u	Trichlorofluoromethane	75-69-4	ug/L	10/1/2015	4	n/a	ND	
GU-3BG	u	1,2,3-Trichloropropane	96-18-4	ug/L	10/1/2015	1	n/a	ND	
GU-3BG	u	Vinyl acetate	108-05-4	ug/L	10/1/2015	10	n/a	ND	
GU-3BG	u	Vinyl chloride	75-01-4	ug/L	10/1/2015	1	n/a	ND	
GU-3BG	u	Xylenes, total	1330-20-7	ug/L	10/1/2015	3	n/a	ND	
GU-3BG	u	Total Suspended Solids	TSS	mg/L	10/1/2015	n/a	n/a		552
GU-4	d	Antimony	7440-36-0	mg/L	10/1/2015	0.001	n/a	ND	
GU-4	d	Arsenic	7440-38-2	mg/L	10/1/2015	0.002	n/a	ND	
GU-4	d	Barium	7440-39-3	mg/L	10/1/2015	n/a	n/a		0.0777
GU-4	d	Beryllium	7440-41-7	mg/L	10/1/2015	0.001	n/a	ND	
GU-4	d	Cadmium	7440-43-9	mg/L	10/1/2015	0.0005	n/a	ND	
GU-4	d	Chromium	7440-47-3	mg/L	10/1/2015	0.005	n/a	ND	
GU-4	d	Cobalt	7440-48-4	mg/L	10/1/2015	n/a	n/a		0.00216
GU-4	d	Copper	7440-50-8	mg/L	10/1/2015	n/a	n/a	J	0.0013
GU-4	d	Lead	7439-92-1	mg/L	10/1/2015	n/a	n/a		0.000859
GU-4	d	Nickel	7440-02-0	mg/L	10/1/2015	n/a	n/a		0.00584
GU-4	d	Selenium	7782-49-2	mg/L	10/1/2015	0.005	n/a	ND	
GU-4	d	Silver	7440-22-4	mg/L	10/1/2015	n/a	n/a	J	0.000101
GU-4	d	Thallium	7440-28-0	mg/L	10/1/2015	n/a	n/a	J	0.000068
GU-4	d	Vanadium	7440-62-2	mg/L	10/1/2015	n/a	n/a	J	0.000534
GU-4	d	Zinc	7440-66-6	mg/L	10/1/2015	0.01	n/a	ND	
GU-4	d	Acetone	67-64-1	ug/L	10/1/2015	10	n/a	ND	
GU-4	d	Acrylonitrile	107-13-1	ug/L	10/1/2015	10	n/a	ND	
GU-4	d	Benzene	71-43-2	ug/L	10/1/2015	0.5	n/a	ND	
GU-4	d	Bromochloromethane	74-97-5	ug/L	10/1/2015	5	n/a	ND	
GU-4	d	Bromodichloromethane	75-27-4	ug/L	10/1/2015	1	n/a	ND	
GU-4	d	Bromoform	75-25-2	ug/L	10/1/2015	5	n/a	ND	
GU-4	d	Carbon disulfide	75-15-0	ug/L	10/1/2015	1	n/a	ND	
GU-4	d	Carbon Tetrachloride	56-23-5	ug/L	10/1/2015	2	n/a	ND	
GU-4	d	Chlorobenzene	108-90-7	ug/L	10/1/2015	1	n/a	ND	
GU-4	d	Chloroethane	75-00-3	ug/L	10/1/2015	4	n/a	ND	
GU-4	d	Chloroform	67-66-3	ug/L	10/1/2015	1	n/a	ND	
GU-4	d	Chlorodibromomethane	124-48-1	ug/L	10/1/2015	5	n/a	ND	
GU-4	d	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	10/1/2015	0.5	n/a	ND	
GU-4	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	10/1/2015	0.13	n/a	ND	
GU-4	d	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	10/1/2015	10	n/a	ND	
GU-4	d	1,1-Dichloroethane	75-34-3	ug/L	10/1/2015	n/a	n/a	J	0.522
GU-4	d	1,2-Dichloroethane	107-06-2	ug/L	10/1/2015	n/a	n/a	J	0.568
GU-4	d	1,1-Dichloroethene	75-35-4	ug/L	10/1/2015	2	n/a	ND	
GU-4	d	cis-1,2-Dichloroethene	156-59-2	ug/L	10/1/2015	1	n/a	ND	
GU-4	d	trans-1,2-Dichloroethene	156-60-5	ug/L	10/1/2015	1	n/a	ND	
GU-4	d	1,2-Dichloropropane	78-87-5	ug/L	10/1/2015	1	n/a	ND	
GU-4	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	10/1/2015	5	n/a	ND	
GU-4	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	10/1/2015	5	n/a	ND	
GU-4	d	1,2-Dichlorobenzene	95-50-1	ug/L	10/1/2015	1	n/a	ND	
GU-4	d	1,4-Dichlorobenzene	106-46-7	ug/L	10/1/2015	1	n/a	ND	
GU-4	d	Ethylbenzene	100-41-4	ug/L	10/1/2015	1	n/a	ND	
GU-4	d	2-Hexanone	591-78-6	ug/L	10/1/2015	10	n/a	ND	
GU-4	d	Bromomethane	74-83-9	ug/L	10/1/2015	4	n/a	ND	
GU-4	d	Chloromethane	74-87-3	ug/L	10/1/2015	n/a	n/a	J	0.695
GU-4	d	2-Butanone	78-93-3	ug/L	10/1/2015	10	n/a	ND	
GU-4	d	Iodomethane	74-88-4	ug/L	10/1/2015	10	n/a	ND	
GU-4	d	4-Methyl-2-pentanone	108-10-1	ug/L	10/1/2015	10	n/a	ND	
GU-4	d	Methylene Bromide	74-95-3	ug/L	10/1/2015	1	n/a	ND	
GU-4	d	Methylene Chloride	75-09-2	ug/L	10/1/2015	n/a	n/a	J	0.44
GU-4	d	Styrene	100-42-5	ug/L	10/1/2015	1	n/a	ND	
GU-4	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	10/1/2015	1	n/a	ND	
GU-4	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	10/1/2015	1	n/a	ND	
GU-4	d	Tetrachloroethene	127-18-4	ug/L	10/1/2015	1	n/a	ND	
GU-4	d	Toluene	108-88-3	ug/L	10/1/2015	1	n/a	ND	
GU-4	d	1,1,1-Trichloroethane	71-55-6	ug/L	10/1/2015	1	n/a	ND	
GU-4	d	1,1,2-Trichloroethane	79-00-5	ug/L	10/1/2015	1	n/a	ND	
GU-4	d	Trichloroethene	79-01-6	ug/L	10/1/2015	1	n/a	ND	
GU-4	d	Trichlorofluoromethane	75-69-4	ug/L	10/1/2015	4	n/a	ND	
GU-4	d	1,2,3-Trichloropropane	96-18-4	ug/L	10/1/2015	1	n/a	ND	
GU-4	d	Vinyl acetate	108-05-4	ug/L	10/1/2015	10	n/a	ND	
GU-4	d	Vinyl chloride	75-01-4	ug/L	10/1/2015	n/a	n/a	J	0.346
GU-4	d	Xylenes, total	1330-20-7	ug/L	10/1/2015	3	n/a	ND	

Table 9A
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Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
GU-4	d	Total Suspended Solids	TSS	mg/L	10/1/2015	n/a	n/a		2.13
GU-5	d	Antimony	7440-36-0	mg/L	10/1/2015	0.001	n/a	ND	
GU-5	d	Arsenic	7440-38-2	mg/L	10/1/2015	n/a	n/a		0.0029
GU-5	d	Barium	7440-39-3	mg/L	10/1/2015	n/a	n/a		0.155
GU-5	d	Beryllium	7440-41-7	mg/L	10/1/2015	0.001	n/a	ND	
GU-5	d	Cadmium	7440-43-9	mg/L	10/1/2015	0.0005	n/a	ND	
GU-5	d	Chromium	7440-47-3	mg/L	10/1/2015	0.005	n/a	ND	
GU-5	d	Cobalt	7440-48-4	mg/L	10/1/2015	n/a	n/a		0.00267
GU-5	d	Copper	7440-50-8	mg/L	10/1/2015	n/a	n/a	J	0.000784
GU-5	d	Lead	7439-92-1	mg/L	10/1/2015	n/a	n/a	J	0.000169
GU-5	d	Nickel	7440-02-0	mg/L	10/1/2015	n/a	n/a		0.00854
GU-5	d	Selenium	7782-49-2	mg/L	10/1/2015	0.005	n/a	ND	
GU-5	d	Silver	7440-22-4	mg/L	10/1/2015	0.001	n/a	ND	
GU-5	d	Thallium	7440-28-0	mg/L	10/1/2015	0.001	n/a	ND	
GU-5	d	Vanadium	7440-62-2	mg/L	10/1/2015	n/a	n/a	J	0.000538
GU-5	d	Zinc	7440-66-6	mg/L	10/1/2015	0.01	n/a	ND	
GU-5	d	Acetone	67-64-1	ug/L	10/1/2015	10	n/a	ND	
GU-5	d	Acrylonitrile	107-13-1	ug/L	10/1/2015	10	n/a	ND	
GU-5	d	Benzene	71-43-2	ug/L	10/1/2015	0.5	n/a	ND	
GU-5	d	Bromochloromethane	74-97-5	ug/L	10/1/2015	5	n/a	ND	
GU-5	d	Bromodichloromethane	75-27-4	ug/L	10/1/2015	1	n/a	ND	
GU-5	d	Bromoform	75-25-2	ug/L	10/1/2015	5	n/a	ND	
GU-5	d	Carbon disulfide	75-15-0	ug/L	10/1/2015	1	n/a	ND	
GU-5	d	Carbon Tetrachloride	56-23-5	ug/L	10/1/2015	2	n/a	ND	
GU-5	d	Chlorobenzene	108-90-7	ug/L	10/1/2015	1	n/a	ND	
GU-5	d	Chloroethane	75-00-3	ug/L	10/1/2015	4	n/a	ND	
GU-5	d	Chloroform	67-66-3	ug/L	10/1/2015	1	n/a	ND	
GU-5	d	Chlorodibromomethane	124-48-1	ug/L	10/1/2015	5	n/a	ND	
GU-5	d	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	10/1/2015	0.5	n/a	ND	
GU-5	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	10/1/2015	0.13	n/a	ND	
GU-5	d	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	10/1/2015	10	n/a	ND	
GU-5	d	1,1-Dichloroethane	75-34-3	ug/L	10/1/2015	1	n/a	ND	
GU-5	d	1,2-Dichloroethane	107-06-2	ug/L	10/1/2015	1	n/a	ND	
GU-5	d	1,1-Dichloroethene	75-35-4	ug/L	10/1/2015	2	n/a	ND	
GU-5	d	cis-1,2-Dichloroethene	156-59-2	ug/L	10/1/2015	1	n/a	ND	
GU-5	d	trans-1,2-Dichloroethene	156-60-5	ug/L	10/1/2015	1	n/a	ND	
GU-5	d	1,2-Dichloropropane	78-87-5	ug/L	10/1/2015	1	n/a	ND	
GU-5	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	10/1/2015	5	n/a	ND	
GU-5	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	10/1/2015	5	n/a	ND	
GU-5	d	1,2-Dichlorobenzene	95-50-1	ug/L	10/1/2015	1	n/a	ND	
GU-5	d	1,4-Dichlorobenzene	106-46-7	ug/L	10/1/2015	1	n/a	ND	
GU-5	d	Ethylbenzene	100-41-4	ug/L	10/1/2015	1	n/a	ND	
GU-5	d	2-Hexanone	591-78-6	ug/L	10/1/2015	10	n/a	ND	
GU-5	d	Bromomethane	74-83-9	ug/L	10/1/2015	4	n/a	ND	
GU-5	d	Chloromethane	74-87-3	ug/L	10/1/2015	n/a	n/a	J	0.7
GU-5	d	2-Butanone	78-93-3	ug/L	10/1/2015	10	n/a	ND	
GU-5	d	Iodomethane	74-88-4	ug/L	10/1/2015	10	n/a	ND	
GU-5	d	4-Methyl-2-pentanone	108-10-1	ug/L	10/1/2015	10	n/a	ND	
GU-5	d	Methylene Bromide	74-95-3	ug/L	10/1/2015	1	n/a	ND	
GU-5	d	Methylene Chloride	75-09-2	ug/L	10/1/2015	n/a	n/a	J	0.279
GU-5	d	Styrene	100-42-5	ug/L	10/1/2015	1	n/a	ND	
GU-5	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	10/1/2015	1	n/a	ND	
GU-5	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	10/1/2015	1	n/a	ND	
GU-5	d	Tetrachloroethene	127-18-4	ug/L	10/1/2015	1	n/a	ND	
GU-5	d	Toluene	108-88-3	ug/L	10/1/2015	1	n/a	ND	
GU-5	d	1,1,1-Trichloroethane	71-55-6	ug/L	10/1/2015	1	n/a	ND	
GU-5	d	1,1,2-Trichloroethane	79-00-5	ug/L	10/1/2015	1	n/a	ND	
GU-5	d	Trichloroethene	79-01-6	ug/L	10/1/2015	1	n/a	ND	
GU-5	d	Trichlorofluoromethane	75-69-4	ug/L	10/1/2015	4	n/a	ND	
GU-5	d	1,2,3-Trichloropropane	96-18-4	ug/L	10/1/2015	1	n/a	ND	
GU-5	d	Vinyl acetate	108-05-4	ug/L	10/1/2015	10	n/a	ND	
GU-5	d	Vinyl chloride	75-01-4	ug/L	10/1/2015	1	n/a	ND	
GU-5	d	Xylenes, total	1330-20-7	ug/L	10/1/2015	3	n/a	ND	
GU-5	d	Total Suspended Solids	TSS	mg/L	10/1/2015	n/a	n/a		13.2
GU-5BG	u	Antimony	7440-36-0	mg/L	10/1/2015	0.001	n/a	ND	
GU-5BG	u	Arsenic	7440-38-2	mg/L	10/1/2015	n/a	n/a		0.0029
GU-5BG	u	Barium	7440-39-3	mg/L	10/1/2015	n/a	n/a		0.155
GU-5BG	u	Beryllium	7440-41-7	mg/L	10/1/2015	0.001	n/a	ND	
GU-5BG	u	Cadmium	7440-43-9	mg/L	10/1/2015	0.0005	n/a	ND	
GU-5BG	u	Chromium	7440-47-3	mg/L	10/1/2015	0.005	n/a	ND	
GU-5BG	u	Cobalt	7440-48-4	mg/L	10/1/2015	n/a	n/a		0.00267
GU-5BG	u	Copper	7440-50-8	mg/L	10/1/2015	n/a	n/a	J	0.000784
GU-5BG	u	Lead	7439-92-1	mg/L	10/1/2015	n/a	n/a	J	0.000169
GU-5BG	u	Nickel	7440-02-0	mg/L	10/1/2015	n/a	n/a		0.00854
GU-5BG	u	Selenium	7782-49-2	mg/L	10/1/2015	0.005	n/a	ND	

Table 9A
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Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
GU-5BG	u	Silver	7440-22-4	mg/L	10/1/2015	0.001	n/a	ND	
GU-5BG	u	Thallium	7440-28-0	mg/L	10/1/2015	0.001	n/a	ND	
GU-5BG	u	Vanadium	7440-62-2	mg/L	10/1/2015	n/a	n/a	J	0.000538
GU-5BG	u	Zinc	7440-66-6	mg/L	10/1/2015	0.01	n/a	ND	
GU-5BG	u	Acetone	67-64-1	ug/L	10/1/2015	10	n/a	ND	
GU-5BG	u	Acrylonitrile	107-13-1	ug/L	10/1/2015	10	n/a	ND	
GU-5BG	u	Benzene	71-43-2	ug/L	10/1/2015	0.5	n/a	ND	
GU-5BG	u	Bromochloromethane	74-97-5	ug/L	10/1/2015	5	n/a	ND	
GU-5BG	u	Bromodichloromethane	75-27-4	ug/L	10/1/2015	1	n/a	ND	
GU-5BG	u	Bromoform	75-25-2	ug/L	10/1/2015	5	n/a	ND	
GU-5BG	u	Carbon disulfide	75-15-0	ug/L	10/1/2015	1	n/a	ND	
GU-5BG	u	Carbon Tetrachloride	56-23-5	ug/L	10/1/2015	2	n/a	ND	
GU-5BG	u	Chlorobenzene	108-90-7	ug/L	10/1/2015	1	n/a	ND	
GU-5BG	u	Chloroethane	75-00-3	ug/L	10/1/2015	4	n/a	ND	
GU-5BG	u	Chloroform	67-66-3	ug/L	10/1/2015	1	n/a	ND	
GU-5BG	u	Chlorodibromomethane	124-48-1	ug/L	10/1/2015	5	n/a	ND	
GU-5BG	u	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	10/1/2015	0.5	n/a	ND	
GU-5BG	u	1,2-Dibromoethane [EDB]	106-93-4	ug/L	10/1/2015	0.13	n/a	ND	
GU-5BG	u	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	10/1/2015	10	n/a	ND	
GU-5BG	u	1,1-Dichloroethane	75-34-3	ug/L	10/1/2015	1	n/a	ND	
GU-5BG	u	1,2-Dichloroethane	107-06-2	ug/L	10/1/2015	1	n/a	ND	
GU-5BG	u	1,1-Dichloroethene	75-35-4	ug/L	10/1/2015	2	n/a	ND	
GU-5BG	u	cis-1,2-Dichloroethene	156-59-2	ug/L	10/1/2015	1	n/a	ND	
GU-5BG	u	trans-1,2-Dichloroethene	156-60-5	ug/L	10/1/2015	1	n/a	ND	
GU-5BG	u	1,2-Dichloropropane	78-87-5	ug/L	10/1/2015	1	n/a	ND	
GU-5BG	u	cis-1,3-Dichloropropene	10061-01-5	ug/L	10/1/2015	5	n/a	ND	
GU-5BG	u	trans-1,3-Dichloropropene	10061-02-6	ug/L	10/1/2015	5	n/a	ND	
GU-5BG	u	1,2-Dichlorobenzene	95-50-1	ug/L	10/1/2015	1	n/a	ND	
GU-5BG	u	1,4-Dichlorobenzene	106-46-7	ug/L	10/1/2015	1	n/a	ND	
GU-5BG	u	Ethylbenzene	100-41-4	ug/L	10/1/2015	1	n/a	ND	
GU-5BG	u	2-Hexanone	591-78-6	ug/L	10/1/2015	10	n/a	ND	
GU-5BG	u	Bromomethane	74-83-9	ug/L	10/1/2015	4	n/a	ND	
GU-5BG	u	Chloromethane	74-87-3	ug/L	10/1/2015	n/a	n/a	J	0.7
GU-5BG	u	2-Butanone	78-93-3	ug/L	10/1/2015	10	n/a	ND	
GU-5BG	u	Iodomethane	74-88-4	ug/L	10/1/2015	10	n/a	ND	
GU-5BG	u	4-Methyl-2-pentanone	108-10-1	ug/L	10/1/2015	10	n/a	ND	
GU-5BG	u	Methylene Bromide	74-95-3	ug/L	10/1/2015	1	n/a	ND	
GU-5BG	u	Methylene Chloride	75-09-2	ug/L	10/1/2015	n/a	n/a	J	0.279
GU-5BG	u	Styrene	100-42-5	ug/L	10/1/2015	1	n/a	ND	
GU-5BG	u	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	10/1/2015	1	n/a	ND	
GU-5BG	u	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	10/1/2015	1	n/a	ND	
GU-5BG	u	Tetrachloroethene	127-18-4	ug/L	10/1/2015	1	n/a	ND	
GU-5BG	u	Toluene	108-88-3	ug/L	10/1/2015	1	n/a	ND	
GU-5BG	u	1,1,1-Trichloroethane	71-55-6	ug/L	10/1/2015	1	n/a	ND	
GU-5BG	u	1,1,2-Trichloroethane	79-00-5	ug/L	10/1/2015	1	n/a	ND	
GU-5BG	u	Trichloroethene	79-01-6	ug/L	10/1/2015	1	n/a	ND	
GU-5BG	u	Trichlorofluoromethane	75-69-4	ug/L	10/1/2015	4	n/a	ND	
GU-5BG	u	1,2,3-Trichloropropane	96-18-4	ug/L	10/1/2015	1	n/a	ND	
GU-5BG	u	Vinyl acetate	108-05-4	ug/L	10/1/2015	10	n/a	ND	
GU-5BG	u	Vinyl chloride	75-01-4	ug/L	10/1/2015	1	n/a	ND	
GU-5BG	u	Xylenes, total	1330-20-7	ug/L	10/1/2015	3	n/a	ND	
GU-5BG	u	Total Suspended Solids	TSS	mg/L	10/1/2015	n/a	n/a		13.2
MW-26	u	Antimony	7440-36-0	mg/L	10/1/2015	0.001	n/a	ND	
MW-26	u	Arsenic	7440-38-2	mg/L	10/1/2015	0.002	n/a	ND	
MW-26	u	Barium	7440-39-3	mg/L	10/1/2015	n/a	n/a		0.0685
MW-26	u	Beryllium	7440-41-7	mg/L	10/1/2015	0.001	n/a	ND	
MW-26	u	Cadmium	7440-43-9	mg/L	10/1/2015	0.0005	n/a	ND	
MW-26	u	Chromium	7440-47-3	mg/L	10/1/2015	n/a	n/a		0.0112
MW-26	u	Cobalt	7440-48-4	mg/L	10/1/2015	n/a	n/a	J	0.000055
MW-26	u	Copper	7440-50-8	mg/L	10/1/2015	n/a	n/a	J	0.000507
MW-26	u	Lead	7439-92-1	mg/L	10/1/2015	0.0005	n/a	ND	
MW-26	u	Nickel	7440-02-0	mg/L	10/1/2015	n/a	n/a	J	0.00114
MW-26	u	Selenium	7782-49-2	mg/L	10/1/2015	n/a	n/a		0.0879
MW-26	u	Silver	7440-22-4	mg/L	10/1/2015	n/a	n/a	J	0.0001
MW-26	u	Thallium	7440-28-0	mg/L	10/1/2015	0.001	n/a	ND	
MW-26	u	Vanadium	7440-62-2	mg/L	10/1/2015	n/a	n/a	J	0.00112
MW-26	u	Zinc	7440-66-6	mg/L	10/1/2015	0.01	n/a	ND	
MW-26	u	Total Suspended Solids	TSS	mg/L	10/1/2015	n/a	n/a		2.88
MW-67	d	Antimony	7440-36-0	mg/L	10/1/2015	n/a	n/a	J	0.000443
MW-67	d	Arsenic	7440-38-2	mg/L	10/1/2015	0.002	n/a	ND	
MW-67	d	Barium	7440-39-3	mg/L	10/1/2015	n/a	n/a		0.0594
MW-67	d	Beryllium	7440-41-7	mg/L	10/1/2015	n/a	n/a		0.00228
MW-67	d	Cadmium	7440-43-9	mg/L	10/1/2015	0.0005	n/a	ND	
MW-67	d	Chromium	7440-47-3	mg/L	10/1/2015	0.005	n/a	ND	
MW-67	d	Cobalt	7440-48-4	mg/L	10/1/2015	n/a	n/a	J	0.00007

Table 9A
Analytical Data Summary - Phase II MSWLF
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Phase II MSWLF and CWTS
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Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-67	d	Copper	7440-50-8	mg/L	10/1/2015	n/a	n/a	J	0.000776
MW-67	d	Lead	7439-92-1	mg/L	10/1/2015	0.0005	n/a	ND	
MW-67	d	Nickel	7440-02-0	mg/L	10/1/2015	n/a	n/a		0.00884
MW-67	d	Selenium	7782-49-2	mg/L	10/1/2015	0.005	n/a	ND	
MW-67	d	Silver	7440-22-4	mg/L	10/1/2015	n/a	n/a	J	0.000094
MW-67	d	Thallium	7440-28-0	mg/L	10/1/2015	n/a	n/a	J	0.000036
MW-67	d	Vanadium	7440-62-2	mg/L	10/1/2015	n/a	n/a	J	0.00061
MW-67	d	Zinc	7440-66-6	mg/L	10/1/2015	n/a	n/a	J	0.00733
MW-67	d	Acetone	67-64-1	ug/L	10/1/2015	10	n/a	ND	
MW-67	d	Acrylonitrile	107-13-1	ug/L	10/1/2015	10	n/a	ND	
MW-67	d	Benzene	71-43-2	ug/L	10/1/2015	0.5	n/a	ND	
MW-67	d	Bromochloromethane	74-97-5	ug/L	10/1/2015	5	n/a	ND	
MW-67	d	Bromodichloromethane	75-27-4	ug/L	10/1/2015	1	n/a	ND	
MW-67	d	Bromoform	75-25-2	ug/L	10/1/2015	5	n/a	ND	
MW-67	d	Carbon disulfide	75-15-0	ug/L	10/1/2015	1	n/a	ND	
MW-67	d	Carbon Tetrachloride	56-23-5	ug/L	10/1/2015	2	n/a	ND	
MW-67	d	Chlorobenzene	108-90-7	ug/L	10/1/2015	1	n/a	ND	
MW-67	d	Chloroethane	75-00-3	ug/L	10/1/2015	4	n/a	ND	
MW-67	d	Chloroform	67-66-3	ug/L	10/1/2015	1	n/a	ND	
MW-67	d	Chlorodibromomethane	124-48-1	ug/L	10/1/2015	5	n/a	ND	
MW-67	d	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	10/1/2015	0.5	n/a	ND	
MW-67	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	10/1/2015	0.13	n/a	ND	
MW-67	d	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	10/1/2015	10	n/a	ND	
MW-67	d	1,1-Dichloroethane	75-34-3	ug/L	10/1/2015	1	n/a	ND	
MW-67	d	1,2-Dichloroethane	107-06-2	ug/L	10/1/2015	1	n/a	ND	
MW-67	d	1,1-Dichloroethene	75-35-4	ug/L	10/1/2015	2	n/a	ND	
MW-67	d	cis-1,2-Dichloroethene	156-59-2	ug/L	10/1/2015	1	n/a	ND	
MW-67	d	trans-1,2-Dichloroethene	156-60-5	ug/L	10/1/2015	1	n/a	ND	
MW-67	d	1,2-Dichloropropane	78-87-5	ug/L	10/1/2015	1	n/a	ND	
MW-67	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	10/1/2015	5	n/a	ND	
MW-67	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	10/1/2015	5	n/a	ND	
MW-67	d	1,2-Dichlorobenzene	95-50-1	ug/L	10/1/2015	1	n/a	ND	
MW-67	d	1,4-Dichlorobenzene	106-46-7	ug/L	10/1/2015	1	n/a	ND	
MW-67	d	Ethylbenzene	100-41-4	ug/L	10/1/2015	1	n/a	ND	
MW-67	d	2-Hexanone	591-78-6	ug/L	10/1/2015	10	n/a	ND	
MW-67	d	Bromomethane	74-83-9	ug/L	10/1/2015	4	n/a	ND	
MW-67	d	Chloromethane	74-87-3	ug/L	10/1/2015	n/a	n/a	J	0.745
MW-67	d	2-Butanone	78-93-3	ug/L	10/1/2015	10	n/a	ND	
MW-67	d	Iodomethane	74-88-4	ug/L	10/1/2015	10	n/a	ND	
MW-67	d	4-Methyl-2-pentanone	108-10-1	ug/L	10/1/2015	10	n/a	ND	
MW-67	d	Methylene Bromide	74-95-3	ug/L	10/1/2015	1	n/a	ND	
MW-67	d	Methylene Chloride	75-09-2	ug/L	10/1/2015	n/a	n/a	J	0.319
MW-67	d	Styrene	100-42-5	ug/L	10/1/2015	1	n/a	ND	
MW-67	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	10/1/2015	1	n/a	ND	
MW-67	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	10/1/2015	1	n/a	ND	
MW-67	d	Tetrachloroethene	127-18-4	ug/L	10/1/2015	1	n/a	ND	
MW-67	d	Toluene	108-88-3	ug/L	10/1/2015	1	n/a	ND	
MW-67	d	1,1,1-Trichloroethane	71-55-6	ug/L	10/1/2015	1	n/a	ND	
MW-67	d	1,1,2-Trichloroethane	79-00-5	ug/L	10/1/2015	1	n/a	ND	
MW-67	d	Trichloroethene	79-01-6	ug/L	10/1/2015	1	n/a	ND	
MW-67	d	Trichlorofluoromethane	75-69-4	ug/L	10/1/2015	4	n/a	ND	
MW-67	d	1,2,3-Trichloropropane	96-18-4	ug/L	10/1/2015	1	n/a	ND	
MW-67	d	Vinyl acetate	108-05-4	ug/L	10/1/2015	10	n/a	ND	
MW-67	d	Vinyl chloride	75-01-4	ug/L	10/1/2015	1	n/a	ND	
MW-67	d	Xylenes, total	1330-20-7	ug/L	10/1/2015	3	n/a	ND	
MW-67	d	Total Suspended Solids	TSS	mg/L	10/1/2015	n/a	n/a		2.38
MW-B	d	Antimony	7440-36-0	mg/L	10/1/2015	0.001	n/a	ND	
MW-B	d	Arsenic	7440-38-2	mg/L	10/1/2015	0.002	n/a	ND	
MW-B	d	Barium	7440-39-3	mg/L	10/1/2015	n/a	n/a		0.0464
MW-B	d	Beryllium	7440-41-7	mg/L	10/1/2015	0.001	n/a	ND	
MW-B	d	Cadmium	7440-43-9	mg/L	10/1/2015	n/a	n/a	J	0.000232
MW-B	d	Chromium	7440-47-3	mg/L	10/1/2015	0.005	n/a	ND	
MW-B	d	Cobalt	7440-48-4	mg/L	10/1/2015	n/a	n/a	J	0.000347
MW-B	d	Copper	7440-50-8	mg/L	10/1/2015	n/a	n/a		0.00277
MW-B	d	Lead	7439-92-1	mg/L	10/1/2015	n/a	n/a	J	0.000159
MW-B	d	Nickel	7440-02-0	mg/L	10/1/2015	n/a	n/a		0.00581
MW-B	d	Selenium	7782-49-2	mg/L	10/1/2015	0.005	n/a	ND	
MW-B	d	Silver	7440-22-4	mg/L	10/1/2015	0.001	n/a	ND	
MW-B	d	Thallium	7440-28-0	mg/L	10/1/2015	0.001	n/a	ND	
MW-B	d	Vanadium	7440-62-2	mg/L	10/1/2015	n/a	n/a	J	0.000997
MW-B	d	Zinc	7440-66-6	mg/L	10/1/2015	n/a	n/a		0.0144
MW-B	d	Acetone	67-64-1	ug/L	10/1/2015	10	n/a	ND	
MW-B	d	Acrylonitrile	107-13-1	ug/L	10/1/2015	10	n/a	ND	
MW-B	d	Benzene	71-43-2	ug/L	10/1/2015	0.5	n/a	ND	
MW-B	d	Bromochloromethane	74-97-5	ug/L	10/1/2015	5	n/a	ND	

Table 9A
Analytical Data Summary - Phase II MSWLF
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Phase II MSWLF and CWTS
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-B	d	Bromodichloromethane	75-27-4	ug/L	10/1/2015	1	n/a	ND	
MW-B	d	Bromoform	75-25-2	ug/L	10/1/2015	5	n/a	ND	
MW-B	d	Carbon disulfide	75-15-0	ug/L	10/1/2015	1	n/a	ND	
MW-B	d	Carbon Tetrachloride	56-23-5	ug/L	10/1/2015	2	n/a	ND	
MW-B	d	Chlorobenzene	108-90-7	ug/L	10/1/2015	1	n/a	ND	
MW-B	d	Chloroethane	75-00-3	ug/L	10/1/2015	4	n/a	ND	
MW-B	d	Chloroform	67-66-3	ug/L	10/1/2015	1	n/a	ND	
MW-B	d	Chlorodibromomethane	124-48-1	ug/L	10/1/2015	5	n/a	ND	
MW-B	d	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	10/1/2015	0.5	n/a	ND	
MW-B	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	10/1/2015	0.13	n/a	ND	
MW-B	d	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	10/1/2015	10	n/a	ND	
MW-B	d	1,1-Dichloroethane	75-34-3	ug/L	10/1/2015	1	n/a	ND	
MW-B	d	1,2-Dichloropropane	107-06-2	ug/L	10/1/2015	1	n/a	ND	
MW-B	d	1,1-Dichloroethene	75-35-4	ug/L	10/1/2015	2	n/a	ND	
MW-B	d	cis-1,2-Dichloroethene	156-59-2	ug/L	10/1/2015	1	n/a	ND	
MW-B	d	trans-1,2-Dichloroethene	156-60-5	ug/L	10/1/2015	1	n/a	ND	
MW-B	d	1,2-Dichloropropane	78-87-5	ug/L	10/1/2015	1	n/a	ND	
MW-B	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	10/1/2015	5	n/a	ND	
MW-B	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	10/1/2015	5	n/a	ND	
MW-B	d	1,2-Dichlorobenzene	95-50-1	ug/L	10/1/2015	1	n/a	ND	
MW-B	d	1,4-Dichlorobenzene	106-46-7	ug/L	10/1/2015	1	n/a	ND	
MW-B	d	Ethylbenzene	100-41-4	ug/L	10/1/2015	1	n/a	ND	
MW-B	d	2-Hexanone	591-78-6	ug/L	10/1/2015	10	n/a	ND	
MW-B	d	Bromomethane	74-83-9	ug/L	10/1/2015	4	n/a	ND	
MW-B	d	Chloromethane	74-87-3	ug/L	10/1/2015	n/a	n/a	J	0.356
MW-B	d	2-Butanone	78-93-3	ug/L	10/1/2015	10	n/a	ND	
MW-B	d	Iodomethane	74-88-4	ug/L	10/1/2015	10	n/a	ND	
MW-B	d	4-Methyl-2-pentanone	108-10-1	ug/L	10/1/2015	10	n/a	ND	
MW-B	d	Methylene Bromide	74-95-3	ug/L	10/1/2015	1	n/a	ND	
MW-B	d	Methylene Chloride	75-09-2	ug/L	10/1/2015	n/a	n/a	J	0.381
MW-B	d	Styrene	100-42-5	ug/L	10/1/2015	1	n/a	ND	
MW-B	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	10/1/2015	1	n/a	ND	
MW-B	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	10/1/2015	1	n/a	ND	
MW-B	d	Tetrachloroethene	127-18-4	ug/L	10/1/2015	1	n/a	ND	
MW-B	d	Toluene	108-88-3	ug/L	10/1/2015	1	n/a	ND	
MW-B	d	1,1,1-Trichloroethane	71-55-6	ug/L	10/1/2015	1	n/a	ND	
MW-B	d	1,1,2-Trichloroethane	79-00-5	ug/L	10/1/2015	1	n/a	ND	
MW-B	d	Trichloroethene	79-01-6	ug/L	10/1/2015	1	n/a	ND	
MW-B	d	Trichlorofluoromethane	75-69-4	ug/L	10/1/2015	4	n/a	ND	
MW-B	d	1,2,3-Trichloropropane	96-18-4	ug/L	10/1/2015	1	n/a	ND	
MW-B	d	Vinyl acetate	108-05-4	ug/L	10/1/2015	10	n/a	ND	
MW-B	d	Vinyl chloride	75-01-4	ug/L	10/1/2015	1	n/a	ND	
MW-B	d	Xylenes, total	1330-20-7	ug/L	10/1/2015	3	n/a	ND	
MW-B	d	Total Suspended Solids	TSS	mg/L	10/1/2015	n/a	n/a		4.88
MW-C	d	Antimony	7440-36-0	mg/L	10/1/2015	0.001	n/a	ND	
MW-C	d	Antimony	7440-36-0	mg/L	10/1/2015	0.001	n/a	ND	
MW-C	d	Arsenic	7440-38-2	mg/L	10/1/2015	0.002	n/a	ND	
MW-C	d	Arsenic	7440-38-2	mg/L	10/1/2015	0.002	n/a	ND	
MW-C	d	Barium	7440-39-3	mg/L	10/1/2015	n/a	n/a		0.512
MW-C	d	Barium	7440-39-3	mg/L	10/1/2015	n/a	n/a		0.529
MW-C	d	Beryllium	7440-41-7	mg/L	10/1/2015	n/a	n/a	J	0.00011
MW-C	d	Beryllium	7440-41-7	mg/L	10/1/2015	n/a	n/a	J	0.000351
MW-C	d	Cadmium	7440-43-9	mg/L	10/1/2015	0.0005	n/a	ND	
MW-C	d	Cadmium	7440-43-9	mg/L	10/1/2015	0.0005	n/a	ND	
MW-C	d	Chromium	7440-47-3	mg/L	10/1/2015	0.005	n/a	ND	
MW-C	d	Chromium	7440-47-3	mg/L	10/1/2015	0.005	n/a	ND	
MW-C	d	Cobalt	7440-48-4	mg/L	10/1/2015	n/a	n/a	J	0.000135
MW-C	d	Cobalt	7440-48-4	mg/L	10/1/2015	n/a	n/a	J	0.000129
MW-C	d	Copper	7440-50-8	mg/L	10/1/2015	n/a	n/a		0.002
MW-C	d	Copper	7440-50-8	mg/L	10/1/2015	n/a	n/a	J	0.00194
MW-C	d	Lead	7439-92-1	mg/L	10/1/2015	0.0005	n/a	ND	
MW-C	d	Lead	7439-92-1	mg/L	10/1/2015	0.0005	n/a	ND	
MW-C	d	Nickel	7440-02-0	mg/L	10/1/2015	n/a	n/a	J	0.00166
MW-C	d	Nickel	7440-02-0	mg/L	10/1/2015	n/a	n/a	J	0.00159
MW-C	d	Selenium	7782-49-2	mg/L	10/1/2015	0.005	n/a	ND	
MW-C	d	Selenium	7782-49-2	mg/L	10/1/2015	0.005	n/a	ND	
MW-C	d	Silver	7440-22-4	mg/L	10/1/2015	0.001	n/a	ND	
MW-C	d	Silver	7440-22-4	mg/L	10/1/2015	0.001	n/a	ND	
MW-C	d	Thallium	7440-28-0	mg/L	10/1/2015	0.001	n/a	ND	
MW-C	d	Thallium	7440-28-0	mg/L	10/1/2015	0.001	n/a	ND	
MW-C	d	Vanadium	7440-62-2	mg/L	10/1/2015	n/a	n/a	J	0.000547
MW-C	d	Vanadium	7440-62-2	mg/L	10/1/2015	n/a	n/a	J	0.000503
MW-C	d	Zinc	7440-66-6	mg/L	10/1/2015	0.01	n/a	ND	
MW-C	d	Zinc	7440-66-6	mg/L	10/1/2015	0.01	n/a	ND	
MW-C	d	Acetone	67-64-1	ug/L	10/1/2015	10	n/a	ND	

Table 9A
Analytical Data Summary - Phase II MSWLF
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Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-C	d	Acetone	67-64-1	ug/L	10/1/2015	10	n/a	ND	
MW-C	d	Acrylonitrile	107-13-1	ug/L	10/1/2015	10	n/a	ND	
MW-C	d	Acrylonitrile	107-13-1	ug/L	10/1/2015	10	n/a	ND	
MW-C	d	Benzene	71-43-2	ug/L	10/1/2015	0.5	n/a	ND	
MW-C	d	Benzene	71-43-2	ug/L	10/1/2015	0.5	n/a	ND	
MW-C	d	Bromochloromethane	74-97-5	ug/L	10/1/2015	5	n/a	ND	
MW-C	d	Bromochloromethane	74-97-5	ug/L	10/1/2015	5	n/a	ND	
MW-C	d	Bromodichloromethane	75-27-4	ug/L	10/1/2015	1	n/a	ND	
MW-C	d	Bromodichloromethane	75-27-4	ug/L	10/1/2015	1	n/a	ND	
MW-C	d	Bromoform	75-25-2	ug/L	10/1/2015	5	n/a	ND	
MW-C	d	Bromoform	75-25-2	ug/L	10/1/2015	5	n/a	ND	
MW-C	d	Carbon disulfide	75-15-0	ug/L	10/1/2015	1	n/a	ND	
MW-C	d	Carbon disulfide	75-15-0	ug/L	10/1/2015	1	n/a	ND	
MW-C	d	Carbon Tetrachloride	56-23-5	ug/L	10/1/2015	2	n/a	ND	
MW-C	d	Carbon Tetrachloride	56-23-5	ug/L	10/1/2015	2	n/a	ND	
MW-C	d	Chlorobenzene	108-90-7	ug/L	10/1/2015	1	n/a	ND	
MW-C	d	Chlorobenzene	108-90-7	ug/L	10/1/2015	1	n/a	ND	
MW-C	d	Chloroethane	75-00-3	ug/L	10/1/2015	4	n/a	ND	
MW-C	d	Chloroethane	75-00-3	ug/L	10/1/2015	4	n/a	ND	
MW-C	d	Chloroform	67-66-3	ug/L	10/1/2015	1	n/a	ND	
MW-C	d	Chloroform	67-66-3	ug/L	10/1/2015	1	n/a	ND	
MW-C	d	Chlorodibromomethane	124-48-1	ug/L	10/1/2015	5	n/a	ND	
MW-C	d	Chlorodibromomethane	124-48-1	ug/L	10/1/2015	5	n/a	ND	
MW-C	d	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	10/1/2015	0.5	n/a	ND	
MW-C	d	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	10/1/2015	0.5	n/a	ND	
MW-C	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	10/1/2015	0.13	n/a	ND	
MW-C	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	10/1/2015	0.13	n/a	ND	
MW-C	d	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	10/1/2015	10	n/a	ND	
MW-C	d	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	10/1/2015	10	n/a	ND	
MW-C	d	1,1-Dichloroethane	75-34-3	ug/L	10/1/2015	1	n/a	ND	
MW-C	d	1,1-Dichloroethane	75-34-3	ug/L	10/1/2015	1	n/a	ND	
MW-C	d	1,2-Dichloroethane	107-06-2	ug/L	10/1/2015	1	n/a	ND	
MW-C	d	1,2-Dichloroethane	107-06-2	ug/L	10/1/2015	1	n/a	ND	
MW-C	d	1,1-Dichloroethene	75-35-4	ug/L	10/1/2015	2	n/a	ND	
MW-C	d	1,1-Dichloroethene	75-35-4	ug/L	10/1/2015	2	n/a	ND	
MW-C	d	cis-1,2-Dichloroethene	156-59-2	ug/L	10/1/2015	1	n/a	ND	
MW-C	d	cis-1,2-Dichloroethene	156-59-2	ug/L	10/1/2015	1	n/a	ND	
MW-C	d	trans-1,2-Dichloroethene	156-60-5	ug/L	10/1/2015	1	n/a	ND	
MW-C	d	trans-1,2-Dichloroethene	156-60-5	ug/L	10/1/2015	1	n/a	ND	
MW-C	d	1,2-Dichloropropane	78-87-5	ug/L	10/1/2015	1	n/a	ND	
MW-C	d	1,2-Dichloropropane	78-87-5	ug/L	10/1/2015	1	n/a	ND	
MW-C	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	10/1/2015	5	n/a	ND	
MW-C	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	10/1/2015	5	n/a	ND	
MW-C	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	10/1/2015	5	n/a	ND	
MW-C	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	10/1/2015	5	n/a	ND	
MW-C	d	1,2-Dichlorobenzene	95-50-1	ug/L	10/1/2015	1	n/a	ND	
MW-C	d	1,2-Dichlorobenzene	95-50-1	ug/L	10/1/2015	1	n/a	ND	
MW-C	d	1,4-Dichlorobenzene	106-46-7	ug/L	10/1/2015	1	n/a	ND	
MW-C	d	1,4-Dichlorobenzene	106-46-7	ug/L	10/1/2015	1	n/a	ND	
MW-C	d	Ethylbenzene	100-41-4	ug/L	10/1/2015	1	n/a	ND	
MW-C	d	Ethylbenzene	100-41-4	ug/L	10/1/2015	1	n/a	ND	
MW-C	d	2-Hexanone	591-78-6	ug/L	10/1/2015	10	n/a	ND	
MW-C	d	2-Hexanone	591-78-6	ug/L	10/1/2015	10	n/a	ND	
MW-C	d	Bromomethane	74-83-9	ug/L	10/1/2015	4	n/a	ND	
MW-C	d	Bromomethane	74-83-9	ug/L	10/1/2015	4	n/a	ND	
MW-C	d	Chloromethane	74-87-3	ug/L	10/1/2015	n/a	n/a	J	0.833
MW-C	d	Chloromethane	74-87-3	ug/L	10/1/2015	n/a	n/a	J	0.505
MW-C	d	2-Butanone	78-93-3	ug/L	10/1/2015	10	n/a	ND	
MW-C	d	2-Butanone	78-93-3	ug/L	10/1/2015	10	n/a	ND	
MW-C	d	Iodomethane	74-88-4	ug/L	10/1/2015	10	n/a	ND	
MW-C	d	Iodomethane	74-88-4	ug/L	10/1/2015	10	n/a	ND	
MW-C	d	4-Methyl-2-pentanone	108-10-1	ug/L	10/1/2015	10	n/a	ND	
MW-C	d	4-Methyl-2-pentanone	108-10-1	ug/L	10/1/2015	10	n/a	ND	
MW-C	d	Methylene Bromide	74-95-3	ug/L	10/1/2015	1	n/a	ND	
MW-C	d	Methylene Bromide	74-95-3	ug/L	10/1/2015	1	n/a	ND	
MW-C	d	Methylene Chloride	75-09-2	ug/L	10/1/2015	5	n/a	ND	
MW-C	d	Methylene Chloride	75-09-2	ug/L	10/1/2015	n/a	n/a	J	0.417
MW-C	d	Styrene	100-42-5	ug/L	10/1/2015	1	n/a	ND	
MW-C	d	Styrene	100-42-5	ug/L	10/1/2015	1	n/a	ND	
MW-C	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	10/1/2015	1	n/a	ND	
MW-C	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	10/1/2015	1	n/a	ND	
MW-C	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	10/1/2015	1	n/a	ND	
MW-C	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	10/1/2015	1	n/a	ND	
MW-C	d	Tetrachloroethene	127-18-4	ug/L	10/1/2015	1	n/a	ND	
MW-C	d	Tetrachloroethene	127-18-4	ug/L	10/1/2015	1	n/a	ND	

Table 9A
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Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-C	d	Toluene	108-88-3	ug/L	10/1/2015	1	n/a	ND	
MW-C	d	Toluene	108-88-3	ug/L	10/1/2015	1	n/a	ND	
MW-C	d	1,1,1-Trichloroethane	71-55-6	ug/L	10/1/2015	1	n/a	ND	
MW-C	d	1,1,1-Trichloroethane	71-55-6	ug/L	10/1/2015	1	n/a	ND	
MW-C	d	1,1,2-Trichloroethane	79-00-5	ug/L	10/1/2015	1	n/a	ND	
MW-C	d	1,1,2-Trichloroethane	79-00-5	ug/L	10/1/2015	1	n/a	ND	
MW-C	d	Trichloroethene	79-01-6	ug/L	10/1/2015	1	n/a	ND	
MW-C	d	Trichloroethene	79-01-6	ug/L	10/1/2015	1	n/a	ND	
MW-C	d	Trichlorofluoromethane	75-69-4	ug/L	10/1/2015	4	n/a	ND	
MW-C	d	Trichlorofluoromethane	75-69-4	ug/L	10/1/2015	4	n/a	ND	
MW-C	d	1,2,3-Trichloropropane	96-18-4	ug/L	10/1/2015	1	n/a	ND	
MW-C	d	1,2,3-Trichloropropane	96-18-4	ug/L	10/1/2015	1	n/a	ND	
MW-C	d	Vinyl acetate	108-05-4	ug/L	10/1/2015	10	n/a	ND	
MW-C	d	Vinyl acetate	108-05-4	ug/L	10/1/2015	10	n/a	ND	
MW-C	d	Vinyl chloride	75-01-4	ug/L	10/1/2015	1	n/a	ND	
MW-C	d	Vinyl chloride	75-01-4	ug/L	10/1/2015	1	n/a	ND	
MW-C	d	Xylenes, total	1330-20-7	ug/L	10/1/2015	3	n/a	ND	
MW-C	d	Xylenes, total	1330-20-7	ug/L	10/1/2015	3	n/a	ND	
MW-C	d	Total Suspended Solids	TSS	mg/L	10/1/2015	1.88	n/a	ND	
MW-C	d	Total Suspended Solids	TSS	mg/L	10/1/2015	1.88	n/a	ND	
GU-4	d	Barium	7440-39-3	mg/L	1/14/2016	n/a	n/a		0.0612
GU-4	d	Total Suspended Solids	TSS	mg/L	1/14/2016	n/a	n/a		2.13
GU-5	d	Antimony	7440-36-0	mg/L	1/14/2016	0.001	n/a	ND	
GU-5	d	Arsenic	7440-38-2	mg/L	1/14/2016	n/a	n/a		0.0028
GU-5	d	Barium	7440-39-3	mg/L	1/14/2016	n/a	n/a		0.266
GU-5	d	Beryllium	7440-41-7	mg/L	1/14/2016	0.001	n/a	ND	
GU-5	d	Cadmium	7440-43-9	mg/L	1/14/2016	0.0005	n/a	ND	
GU-5	d	Chromium	7440-47-3	mg/L	1/14/2016	0.005	n/a	ND	
GU-5	d	Cobalt	7440-48-4	mg/L	1/14/2016	n/a	n/a		0.00372
GU-5	d	Copper	7440-50-8	mg/L	1/14/2016	0.002	n/a	ND	
GU-5	d	Lead	7439-92-1	mg/L	1/14/2016	0.0005	n/a	ND	
GU-5	d	Nickel	7440-02-0	mg/L	1/14/2016	n/a	n/a		0.0066
GU-5	d	Selenium	7782-49-2	mg/L	1/14/2016	0.005	n/a	ND	
GU-5	d	Silver	7440-22-4	mg/L	1/14/2016	0.001	n/a	ND	
GU-5	d	Thallium	7440-28-0	mg/L	1/14/2016	n/a	n/a	J	0.000048
GU-5	d	Vanadium	7440-62-2	mg/L	1/14/2016	0.005	n/a	ND	
GU-5	d	Zinc	7440-66-6	mg/L	1/14/2016	0.01	n/a	ND	
GU-5	d	Acetone	67-64-1	ug/L	1/14/2016	10	n/a	ND	
GU-5	d	Acrylonitrile	107-13-1	ug/L	1/14/2016	10	n/a	ND	
GU-5	d	Benzene	71-43-2	ug/L	1/14/2016	0.5	n/a	ND	
GU-5	d	Bromochloromethane	74-97-5	ug/L	1/14/2016	5	n/a	ND	
GU-5	d	Bromodichloromethane	75-27-4	ug/L	1/14/2016	1	n/a	ND	
GU-5	d	Bromoform	75-25-2	ug/L	1/14/2016	5	n/a	ND	
GU-5	d	Carbon disulfide	75-15-0	ug/L	1/14/2016	1	n/a	ND	
GU-5	d	Carbon Tetrachloride	56-23-5	ug/L	1/14/2016	2	n/a	ND	
GU-5	d	Chlorobenzene	108-90-7	ug/L	1/14/2016	1	n/a	ND	
GU-5	d	Chloroethane	75-00-3	ug/L	1/14/2016	4	n/a	ND	
GU-5	d	Chloroform	67-66-3	ug/L	1/14/2016	1	n/a	ND	
GU-5	d	Chlorodibromomethane	124-48-1	ug/L	1/14/2016	5	n/a	ND	
GU-5	d	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	1/14/2016	0.5	n/a	ND	
GU-5	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	1/14/2016	0.13	n/a	ND	
GU-5	d	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	1/14/2016	10	n/a	ND	
GU-5	d	1,1-Dichloroethane	75-34-3	ug/L	1/14/2016	1	n/a	ND	
GU-5	d	1,2-Dichloroethane	107-06-2	ug/L	1/14/2016	1	n/a	ND	
GU-5	d	1,1-Dichloroethene	75-35-4	ug/L	1/14/2016	2	n/a	ND	
GU-5	d	cis-1,2-Dichloroethene	156-59-2	ug/L	1/14/2016	1	n/a	ND	
GU-5	d	trans-1,2-Dichloroethene	156-60-5	ug/L	1/14/2016	1	n/a	ND	
GU-5	d	1,2-Dichloropropane	78-87-5	ug/L	1/14/2016	1	n/a	ND	
GU-5	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	1/14/2016	5	n/a	ND	
GU-5	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	1/14/2016	5	n/a	ND	
GU-5	d	1,2-Dichlorobenzene	95-50-1	ug/L	1/14/2016	1	n/a	ND	
GU-5	d	1,4-Dichlorobenzene	106-46-7	ug/L	1/14/2016	1	n/a	ND	
GU-5	d	Ethylbenzene	100-41-4	ug/L	1/14/2016	1	n/a	ND	
GU-5	d	2-Hexanone	591-78-6	ug/L	1/14/2016	10	n/a	ND	
GU-5	d	Bromomethane	74-83-9	ug/L	1/14/2016	4	n/a	ND	
GU-5	d	Chloromethane	74-87-3	ug/L	1/14/2016	3	n/a	ND	
GU-5	d	2-Butanone	78-93-3	ug/L	1/14/2016	10	n/a	ND	
GU-5	d	Iodomethane	74-88-4	ug/L	1/14/2016	10	n/a	ND	
GU-5	d	4-Methyl-2-pentanone	108-10-1	ug/L	1/14/2016	10	n/a	ND	
GU-5	d	Methylene Bromide	74-95-3	ug/L	1/14/2016	1	n/a	ND	
GU-5	d	Methylene Chloride	75-09-2	ug/L	1/14/2016	5	n/a	ND	
GU-5	d	Styrene	100-42-5	ug/L	1/14/2016	1	n/a	ND	
GU-5	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	1/14/2016	1	n/a	ND	
GU-5	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	1/14/2016	1	n/a	ND	
GU-5	d	Tetrachloroethene	127-18-4	ug/L	1/14/2016	1	n/a	ND	

Table 9A
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Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
GU-5	d	Toluene	108-88-3	ug/L	1/14/2016	1	n/a	ND	
GU-5	d	1,1,1-Trichloroethane	71-55-6	ug/L	1/14/2016	1	n/a	ND	
GU-5	d	1,1,2-Trichloroethane	79-00-5	ug/L	1/14/2016	1	n/a	ND	
GU-5	d	Trichloroethene	79-01-6	ug/L	1/14/2016	1	n/a	ND	
GU-5	d	Trichlorofluoromethane	75-69-4	ug/L	1/14/2016	4	n/a	ND	
GU-5	d	1,2,3-Trichloropropane	96-18-4	ug/L	1/14/2016	1	n/a	ND	
GU-5	d	Vinyl acetate	108-05-4	ug/L	1/14/2016	10	n/a	ND	
GU-5	d	Vinyl chloride	75-01-4	ug/L	1/14/2016	1	n/a	ND	
GU-5	d	Xylenes, total	1330-20-7	ug/L	1/14/2016	3	n/a	ND	
GU-5	d	Total Suspended Solids	TSS	mg/L	1/14/2016	n/a	n/a		19
GU-5BG	u	Antimony	7440-36-0	mg/L	1/14/2016	0.001	n/a	ND	
GU-5BG	u	Arsenic	7440-38-2	mg/L	1/14/2016	n/a	n/a		0.0028
GU-5BG	u	Barium	7440-39-3	mg/L	1/14/2016	n/a	n/a		0.266
GU-5BG	u	Beryllium	7440-41-7	mg/L	1/14/2016	0.001	n/a	ND	
GU-5BG	u	Cadmium	7440-43-9	mg/L	1/14/2016	0.0005	n/a	ND	
GU-5BG	u	Chromium	7440-47-3	mg/L	1/14/2016	0.005	n/a	ND	
GU-5BG	u	Cobalt	7440-48-4	mg/L	1/14/2016	n/a	n/a		0.00372
GU-5BG	u	Copper	7440-50-8	mg/L	1/14/2016	0.002	n/a	ND	
GU-5BG	u	Lead	7439-92-1	mg/L	1/14/2016	0.0005	n/a	ND	
GU-5BG	u	Nickel	7440-02-0	mg/L	1/14/2016	n/a	n/a		0.0066
GU-5BG	u	Selenium	7782-49-2	mg/L	1/14/2016	0.005	n/a	ND	
GU-5BG	u	Silver	7440-22-4	mg/L	1/14/2016	0.001	n/a	ND	
GU-5BG	u	Thallium	7440-28-0	mg/L	1/14/2016	n/a	n/a	J	0.000048
GU-5BG	u	Vanadium	7440-62-2	mg/L	1/14/2016	0.005	n/a	ND	
GU-5BG	u	Zinc	7440-66-6	mg/L	1/14/2016	0.01	n/a	ND	
GU-5BG	u	Acetone	67-64-1	ug/L	1/14/2016	10	n/a	ND	
GU-5BG	u	Acrylonitrile	107-13-1	ug/L	1/14/2016	10	n/a	ND	
GU-5BG	u	Benzene	71-43-2	ug/L	1/14/2016	0.5	n/a	ND	
GU-5BG	u	Bromochloromethane	74-97-5	ug/L	1/14/2016	5	n/a	ND	
GU-5BG	u	Bromodichloromethane	75-27-4	ug/L	1/14/2016	1	n/a	ND	
GU-5BG	u	Bromoform	75-25-2	ug/L	1/14/2016	5	n/a	ND	
GU-5BG	u	Carbon disulfide	75-15-0	ug/L	1/14/2016	1	n/a	ND	
GU-5BG	u	Carbon Tetrachloride	56-23-5	ug/L	1/14/2016	2	n/a	ND	
GU-5BG	u	Chlorobenzene	108-90-7	ug/L	1/14/2016	1	n/a	ND	
GU-5BG	u	Chloroethane	75-00-3	ug/L	1/14/2016	4	n/a	ND	
GU-5BG	u	Chloroform	67-66-3	ug/L	1/14/2016	1	n/a	ND	
GU-5BG	u	Chlorodibromomethane	124-48-1	ug/L	1/14/2016	5	n/a	ND	
GU-5BG	u	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	1/14/2016	0.5	n/a	ND	
GU-5BG	u	1,2-Dibromoethane [EDB]	106-93-4	ug/L	1/14/2016	0.13	n/a	ND	
GU-5BG	u	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	1/14/2016	10	n/a	ND	
GU-5BG	u	1,1-Dichloroethane	75-34-3	ug/L	1/14/2016	1	n/a	ND	
GU-5BG	u	1,2-Dichloroethane	107-06-2	ug/L	1/14/2016	1	n/a	ND	
GU-5BG	u	1,1-Dichloroethene	75-35-4	ug/L	1/14/2016	2	n/a	ND	
GU-5BG	u	cis-1,2-Dichloroethene	156-59-2	ug/L	1/14/2016	1	n/a	ND	
GU-5BG	u	trans-1,2-Dichloroethene	156-60-5	ug/L	1/14/2016	1	n/a	ND	
GU-5BG	u	1,2-Dichloropropane	78-87-5	ug/L	1/14/2016	1	n/a	ND	
GU-5BG	u	cis-1,3-Dichloropropene	10061-01-5	ug/L	1/14/2016	5	n/a	ND	
GU-5BG	u	trans-1,3-Dichloropropene	10061-02-6	ug/L	1/14/2016	5	n/a	ND	
GU-5BG	u	1,2-Dichlorobenzene	95-50-1	ug/L	1/14/2016	1	n/a	ND	
GU-5BG	u	1,4-Dichlorobenzene	106-46-7	ug/L	1/14/2016	1	n/a	ND	
GU-5BG	u	Ethylbenzene	100-41-4	ug/L	1/14/2016	1	n/a	ND	
GU-5BG	u	2-Hexanone	591-78-6	ug/L	1/14/2016	10	n/a	ND	
GU-5BG	u	Bromomethane	74-83-9	ug/L	1/14/2016	4	n/a	ND	
GU-5BG	u	Chloromethane	74-87-3	ug/L	1/14/2016	3	n/a	ND	
GU-5BG	u	2-Butanone	78-93-3	ug/L	1/14/2016	10	n/a	ND	
GU-5BG	u	Iodomethane	74-88-4	ug/L	1/14/2016	10	n/a	ND	
GU-5BG	u	4-Methyl-2-pentanone	108-10-1	ug/L	1/14/2016	10	n/a	ND	
GU-5BG	u	Methylene Bromide	74-95-3	ug/L	1/14/2016	1	n/a	ND	
GU-5BG	u	Methylene Chloride	75-09-2	ug/L	1/14/2016	5	n/a	ND	
GU-5BG	u	Styrene	100-42-5	ug/L	1/14/2016	1	n/a	ND	
GU-5BG	u	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	1/14/2016	1	n/a	ND	
GU-5BG	u	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	1/14/2016	1	n/a	ND	
GU-5BG	u	Tetrachloroethene	127-18-4	ug/L	1/14/2016	1	n/a	ND	
GU-5BG	u	Toluene	108-88-3	ug/L	1/14/2016	1	n/a	ND	
GU-5BG	u	1,1,1-Trichloroethane	71-55-6	ug/L	1/14/2016	1	n/a	ND	
GU-5BG	u	1,1,2-Trichloroethane	79-00-5	ug/L	1/14/2016	1	n/a	ND	
GU-5BG	u	Trichloroethene	79-01-6	ug/L	1/14/2016	1	n/a	ND	
GU-5BG	u	Trichlorofluoromethane	75-69-4	ug/L	1/14/2016	4	n/a	ND	
GU-5BG	u	1,2,3-Trichloropropane	96-18-4	ug/L	1/14/2016	1	n/a	ND	
GU-5BG	u	Vinyl acetate	108-05-4	ug/L	1/14/2016	10	n/a	ND	
GU-5BG	u	Vinyl chloride	75-01-4	ug/L	1/14/2016	1	n/a	ND	
GU-5BG	u	Xylenes, total	1330-20-7	ug/L	1/14/2016	3	n/a	ND	
GU-5BG	u	Total Suspended Solids	TSS	mg/L	1/14/2016	n/a	n/a		19
MW-C	d	Total Suspended Solids	TSS	mg/L	1/14/2016	n/a	n/a		7.62
MW-C	d	Calcium	7440-70-2	mg/L	1/14/2016	n/a	n/a		115

Table 9A
Analytical Data Summary - Phase II MSWLF
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Phase II MSWLF and CWTS
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-C	d	Magnesium	7439-95-4	mg/L	1/14/2016	n/a	n/a		35.9
MW-C	d	Potassium	2023695	mg/L	1/14/2016	n/a	n/a		3.68
MW-C	d	Sodium	7440-23-5	mg/L	1/14/2016	n/a	n/a		49.8
MW-C	d	Chloride	16887-00-6	mg/L	1/14/2016	n/a	n/a	J	1.72
MW-C	d	Sulfate	14808-79-8	mg/L	1/14/2016	n/a	n/a		82.7
MW-C	d	Bicarbonate	BICARB	mg/L	1/14/2016	n/a	n/a		469
MW-C	d	Carbonate	CARB	mg/L	1/14/2016	5	n/a	ND	
MW-67	d	Beryllium	7440-41-7	mg/L	2/17/2016	0.001	n/a	ND	
MW-67	d	Total Suspended Solids	TSS	mg/L	2/17/2016	n/a	n/a		2.88
GU-3	d	Antimony	7440-36-0	mg/L	5/3/2016	0.001	n/a	ND	
GU-3	d	Arsenic	7440-38-2	mg/L	5/3/2016	0.002	n/a	ND	
GU-3	d	Barium	7440-39-3	mg/L	5/3/2016	n/a	n/a		0.163
GU-3	d	Beryllium	7440-41-7	mg/L	5/3/2016	0.001	n/a	ND	
GU-3	d	Cadmium	7440-43-9	mg/L	5/3/2016	0.0005	n/a	ND	
GU-3	d	Chromium	7440-47-3	mg/L	5/3/2016	n/a	n/a		0.00693
GU-3	d	Cobalt	7440-48-4	mg/L	5/3/2016	n/a	n/a	J	0.000244
GU-3	d	Copper	7440-50-8	mg/L	5/3/2016	0.005	n/a	ND	
GU-3	d	Lead	7439-92-1	mg/L	5/3/2016	0.0005	n/a	ND	
GU-3	d	Nickel	7440-02-0	mg/L	5/3/2016	n/a	n/a		0.0258
GU-3	d	Selenium	7782-49-2	mg/L	5/3/2016	0.005	n/a	ND	
GU-3	d	Silver	7440-22-4	mg/L	5/3/2016	0.001	n/a	ND	
GU-3	d	Thallium	7440-28-0	mg/L	5/3/2016	0.001	n/a	ND	
GU-3	d	Vanadium	7440-62-2	mg/L	5/3/2016	0.005	n/a	ND	
GU-3	d	Zinc	7440-66-6	mg/L	5/3/2016	0.01	n/a	ND	
GU-3	d	Acetone	67-64-1	ug/L	5/3/2016	10	n/a	ND	
GU-3	d	Acrylonitrile	107-13-1	ug/L	5/3/2016	10	n/a	ND	
GU-3	d	Benzene	71-43-2	ug/L	5/3/2016	0.5	n/a	ND	
GU-3	d	Bromochloromethane	74-97-5	ug/L	5/3/2016	5	n/a	ND	
GU-3	d	Bromodichloromethane	75-27-4	ug/L	5/3/2016	1	n/a	ND	
GU-3	d	Bromoform	75-25-2	ug/L	5/3/2016	5	n/a	ND	
GU-3	d	Carbon disulfide	75-15-0	ug/L	5/3/2016	1	n/a	ND	
GU-3	d	Carbon Tetrachloride	56-23-5	ug/L	5/3/2016	2	n/a	ND	
GU-3	d	Chlorobenzene	108-90-7	ug/L	5/3/2016	1	n/a	ND	
GU-3	d	Chloroethane	75-00-3	ug/L	5/3/2016	4	n/a	ND	
GU-3	d	Chloroform	67-66-3	ug/L	5/3/2016	1	n/a	ND	
GU-3	d	Chlorodibromomethane	124-48-1	ug/L	5/3/2016	5	n/a	ND	
GU-3	d	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	5/3/2016	0.5	n/a	ND	
GU-3	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	5/3/2016	0.13	n/a	ND	
GU-3	d	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	5/3/2016	10	n/a	ND	
GU-3	d	1,1-Dichloroethane	75-34-3	ug/L	5/3/2016	1	n/a	ND	
GU-3	d	1,2-Dichloroethane	107-06-2	ug/L	5/3/2016	1	n/a	ND	
GU-3	d	1,1-Dichloroethene	75-35-4	ug/L	5/3/2016	2	n/a	ND	
GU-3	d	cis-1,2-Dichloroethene	156-59-2	ug/L	5/3/2016	1	n/a	ND	
GU-3	d	trans-1,2-Dichloroethene	156-60-5	ug/L	5/3/2016	1	n/a	ND	
GU-3	d	1,2-Dichloropropane	78-87-5	ug/L	5/3/2016	1	n/a	ND	
GU-3	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	5/3/2016	5	n/a	ND	
GU-3	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	5/3/2016	5	n/a	ND	
GU-3	d	1,2-Dichlorobenzene	95-50-1	ug/L	5/3/2016	1	n/a	ND	
GU-3	d	1,4-Dichlorobenzene	106-46-7	ug/L	5/3/2016	1	n/a	ND	
GU-3	d	Ethylbenzene	100-41-4	ug/L	5/3/2016	1	n/a	ND	
GU-3	d	2-Hexanone	591-78-6	ug/L	5/3/2016	10	n/a	ND	
GU-3	d	Bromomethane	74-83-9	ug/L	5/3/2016	4	n/a	ND	
GU-3	d	Chloromethane	74-87-3	ug/L	5/3/2016	3	n/a	ND	
GU-3	d	2-Butanone	78-93-3	ug/L	5/3/2016	10	n/a	ND	
GU-3	d	Iodomethane	74-88-4	ug/L	5/3/2016	10	n/a	ND	
GU-3	d	4-Methyl-2-pentanone	108-10-1	ug/L	5/3/2016	10	n/a	ND	
GU-3	d	Methylene Bromide	74-95-3	ug/L	5/3/2016	1	n/a	ND	
GU-3	d	Methylene Chloride	75-09-2	ug/L	5/3/2016	n/a	n/a	J	0.218
GU-3	d	Styrene	100-42-5	ug/L	5/3/2016	1	n/a	ND	
GU-3	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	5/3/2016	1	n/a	ND	
GU-3	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	5/3/2016	1	n/a	ND	
GU-3	d	Tetrachloroethene	127-18-4	ug/L	5/3/2016	1	n/a	ND	
GU-3	d	Toluene	108-88-3	ug/L	5/3/2016	1	n/a	ND	
GU-3	d	1,1,1-Trichloroethane	71-55-6	ug/L	5/3/2016	1	n/a	ND	
GU-3	d	1,1,2-Trichloroethane	79-00-5	ug/L	5/3/2016	1	n/a	ND	
GU-3	d	Trichloroethene	79-01-6	ug/L	5/3/2016	1	n/a	ND	
GU-3	d	Trichlorofluoromethane	75-69-4	ug/L	5/3/2016	4	n/a	ND	
GU-3	d	1,2,3-Trichloropropane	96-18-4	ug/L	5/3/2016	1	n/a	ND	
GU-3	d	Vinyl acetate	108-05-4	ug/L	5/3/2016	10	n/a	ND	
GU-3	d	Vinyl chloride	75-01-4	ug/L	5/3/2016	1	n/a	ND	
GU-3	d	Xylenes, total	1330-20-7	ug/L	5/3/2016	3	n/a	ND	
GU-3	d	Total Suspended Solids	TSS	mg/L	5/3/2016	n/a	n/a		21.9
GU-3BG	u	Antimony	7440-36-0	mg/L	5/3/2016	0.001	n/a	ND	
GU-3BG	u	Arsenic	7440-38-2	mg/L	5/3/2016	0.002	n/a	ND	
GU-3BG	u	Barium	7440-39-3	mg/L	5/3/2016	n/a	n/a		0.163

Table 9A
Analytical Data Summary - Phase II MSWLF
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Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
GU-3BG	u	Beryllium	7440-41-7	mg/L	5/3/2016	0.001	n/a	ND	
GU-3BG	u	Cadmium	7440-43-9	mg/L	5/3/2016	0.0005	n/a	ND	
GU-3BG	u	Chromium	7440-47-3	mg/L	5/3/2016	n/a	n/a		0.00693
GU-3BG	u	Cobalt	7440-48-4	mg/L	5/3/2016	n/a	n/a	J	0.000244
GU-3BG	u	Copper	7440-50-8	mg/L	5/3/2016	0.005	n/a	ND	
GU-3BG	u	Lead	7439-92-1	mg/L	5/3/2016	0.0005	n/a	ND	
GU-3BG	u	Nickel	7440-02-0	mg/L	5/3/2016	n/a	n/a		0.0258
GU-3BG	u	Selenium	7782-49-2	mg/L	5/3/2016	0.005	n/a	ND	
GU-3BG	u	Silver	7440-22-4	mg/L	5/3/2016	0.001	n/a	ND	
GU-3BG	u	Thallium	7440-28-0	mg/L	5/3/2016	0.001	n/a	ND	
GU-3BG	u	Vanadium	7440-62-2	mg/L	5/3/2016	0.005	n/a	ND	
GU-3BG	u	Zinc	7440-66-6	mg/L	5/3/2016	0.01	n/a	ND	
GU-3BG	u	Acetone	67-64-1	ug/L	5/3/2016	10	n/a	ND	
GU-3BG	u	Acrylonitrile	107-13-1	ug/L	5/3/2016	10	n/a	ND	
GU-3BG	u	Benzene	71-43-2	ug/L	5/3/2016	0.5	n/a	ND	
GU-3BG	u	Bromochloromethane	74-97-5	ug/L	5/3/2016	5	n/a	ND	
GU-3BG	u	Bromodichloromethane	75-27-4	ug/L	5/3/2016	1	n/a	ND	
GU-3BG	u	Bromoform	75-25-2	ug/L	5/3/2016	5	n/a	ND	
GU-3BG	u	Carbon disulfide	75-15-0	ug/L	5/3/2016	1	n/a	ND	
GU-3BG	u	Carbon Tetrachloride	56-23-5	ug/L	5/3/2016	2	n/a	ND	
GU-3BG	u	Chlorobenzene	108-90-7	ug/L	5/3/2016	1	n/a	ND	
GU-3BG	u	Chloroethane	75-00-3	ug/L	5/3/2016	4	n/a	ND	
GU-3BG	u	Chloroform	67-66-3	ug/L	5/3/2016	1	n/a	ND	
GU-3BG	u	Chlorodibromomethane	124-48-1	ug/L	5/3/2016	5	n/a	ND	
GU-3BG	u	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	5/3/2016	0.5	n/a	ND	
GU-3BG	u	1,2-Dibromoethane [EDB]	106-93-4	ug/L	5/3/2016	0.13	n/a	ND	
GU-3BG	u	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	5/3/2016	10	n/a	ND	
GU-3BG	u	1,1-Dichloroethane	75-34-3	ug/L	5/3/2016	1	n/a	ND	
GU-3BG	u	1,2-Dichloroethane	107-06-2	ug/L	5/3/2016	1	n/a	ND	
GU-3BG	u	1,1-Dichloroethene	75-35-4	ug/L	5/3/2016	2	n/a	ND	
GU-3BG	u	cis-1,2-Dichloroethene	156-59-2	ug/L	5/3/2016	1	n/a	ND	
GU-3BG	u	trans-1,2-Dichloroethene	156-60-5	ug/L	5/3/2016	1	n/a	ND	
GU-3BG	u	1,2-Dichloropropane	78-87-5	ug/L	5/3/2016	1	n/a	ND	
GU-3BG	u	cis-1,3-Dichloropropene	10061-01-5	ug/L	5/3/2016	5	n/a	ND	
GU-3BG	u	trans-1,3-Dichloropropene	10061-02-6	ug/L	5/3/2016	5	n/a	ND	
GU-3BG	u	1,2-Dichlorobenzene	95-50-1	ug/L	5/3/2016	1	n/a	ND	
GU-3BG	u	1,4-Dichlorobenzene	106-46-7	ug/L	5/3/2016	1	n/a	ND	
GU-3BG	u	Ethylbenzene	100-41-4	ug/L	5/3/2016	1	n/a	ND	
GU-3BG	u	2-Hexanone	591-78-6	ug/L	5/3/2016	10	n/a	ND	
GU-3BG	u	Bromomethane	74-83-9	ug/L	5/3/2016	4	n/a	ND	
GU-3BG	u	Chloromethane	74-87-3	ug/L	5/3/2016	3	n/a	ND	
GU-3BG	u	2-Butanone	78-93-3	ug/L	5/3/2016	10	n/a	ND	
GU-3BG	u	Iodomethane	74-88-4	ug/L	5/3/2016	10	n/a	ND	
GU-3BG	u	4-Methyl-2-pentanone	108-10-1	ug/L	5/3/2016	10	n/a	ND	
GU-3BG	u	Methylene Bromide	74-95-3	ug/L	5/3/2016	1	n/a	ND	
GU-3BG	u	Methylene Chloride	75-09-2	ug/L	5/3/2016	n/a	n/a	J	0.218
GU-3BG	u	Styrene	100-42-5	ug/L	5/3/2016	1	n/a	ND	
GU-3BG	u	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	5/3/2016	1	n/a	ND	
GU-3BG	u	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	5/3/2016	1	n/a	ND	
GU-3BG	u	Tetrachloroethene	127-18-4	ug/L	5/3/2016	1	n/a	ND	
GU-3BG	u	Toluene	108-88-3	ug/L	5/3/2016	1	n/a	ND	
GU-3BG	u	1,1,1-Trichloroethane	71-55-6	ug/L	5/3/2016	1	n/a	ND	
GU-3BG	u	1,1,2-Trichloroethane	79-00-5	ug/L	5/3/2016	1	n/a	ND	
GU-3BG	u	Trichloroethene	79-01-6	ug/L	5/3/2016	1	n/a	ND	
GU-3BG	u	Trichlorofluoromethane	75-69-4	ug/L	5/3/2016	4	n/a	ND	
GU-3BG	u	1,2,3-Trichloropropane	96-18-4	ug/L	5/3/2016	1	n/a	ND	
GU-3BG	u	Vinyl acetate	108-05-4	ug/L	5/3/2016	10	n/a	ND	
GU-3BG	u	Vinyl chloride	75-01-4	ug/L	5/3/2016	1	n/a	ND	
GU-3BG	u	Xylenes, total	1330-20-7	ug/L	5/3/2016	3	n/a	ND	
GU-3BG	u	Total Suspended Solids	TSS	mg/L	5/3/2016	n/a	n/a		21.9
GU-4	d	Antimony	7440-36-0	mg/L	5/3/2016	0.001	n/a	ND	
GU-4	d	Arsenic	7440-38-2	mg/L	5/3/2016	0.002	n/a	ND	
GU-4	d	Barium	7440-39-3	mg/L	5/3/2016	n/a	n/a		0.0638
GU-4	d	Beryllium	7440-41-7	mg/L	5/3/2016	0.001	n/a	ND	
GU-4	d	Cadmium	7440-43-9	mg/L	5/3/2016	n/a	n/a	J	0.00009
GU-4	d	Chromium	7440-47-3	mg/L	5/3/2016	0.005	n/a	ND	
GU-4	d	Cobalt	7440-48-4	mg/L	5/3/2016	n/a	n/a		0.00255
GU-4	d	Copper	7440-50-8	mg/L	5/3/2016	0.005	n/a	ND	
GU-4	d	Lead	7439-92-1	mg/L	5/3/2016	0.0005	n/a	ND	
GU-4	d	Nickel	7440-02-0	mg/L	5/3/2016	n/a	n/a		0.00668
GU-4	d	Selenium	7782-49-2	mg/L	5/3/2016	0.005	n/a	ND	
GU-4	d	Silver	7440-22-4	mg/L	5/3/2016	0.001	n/a	ND	
GU-4	d	Thallium	7440-28-0	mg/L	5/3/2016	n/a	n/a	J	0.000056
GU-4	d	Vanadium	7440-62-2	mg/L	5/3/2016	0.005	n/a	ND	
GU-4	d	Zinc	7440-66-6	mg/L	5/3/2016	0.01	n/a	ND	

Table 9A
Analytical Data Summary - Phase II MSWLF
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Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
GU-4	d	Acetone	67-64-1	ug/L	5/3/2016	10	n/a	ND	
GU-4	d	Acrylonitrile	107-13-1	ug/L	5/3/2016	10	n/a	ND	
GU-4	d	Benzene	71-43-2	ug/L	5/3/2016	n/a	n/a	J	0.225
GU-4	d	Bromochloromethane	74-97-5	ug/L	5/3/2016	5	n/a	ND	
GU-4	d	Bromodichloromethane	75-27-4	ug/L	5/3/2016	1	n/a	ND	
GU-4	d	Bromoform	75-25-2	ug/L	5/3/2016	5	n/a	ND	
GU-4	d	Carbon disulfide	75-15-0	ug/L	5/3/2016	1	n/a	ND	
GU-4	d	Carbon Tetrachloride	56-23-5	ug/L	5/3/2016	2	n/a	ND	
GU-4	d	Chlorobenzene	108-90-7	ug/L	5/3/2016	1	n/a	ND	
GU-4	d	Chloroethane	75-00-3	ug/L	5/3/2016	4	n/a	ND	
GU-4	d	Chloroform	67-66-3	ug/L	5/3/2016	1	n/a	ND	
GU-4	d	Chlorodibromomethane	124-48-1	ug/L	5/3/2016	5	n/a	ND	
GU-4	d	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	5/3/2016	0.5	n/a	ND	
GU-4	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	5/3/2016	0.13	n/a	ND	
GU-4	d	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	5/3/2016	10	n/a	ND	
GU-4	d	1,1-Dichloroethane	75-34-3	ug/L	5/3/2016	n/a	n/a	J	0.42
GU-4	d	1,2-Dichloroethane	107-06-2	ug/L	5/3/2016	n/a	n/a	J	0.497
GU-4	d	1,1-Dichloroethene	75-35-4	ug/L	5/3/2016	2	n/a	ND	
GU-4	d	cis-1,2-Dichloroethene	156-59-2	ug/L	5/3/2016	n/a	n/a	J	0.343
GU-4	d	trans-1,2-Dichloroethene	156-60-5	ug/L	5/3/2016	1	n/a	ND	
GU-4	d	1,2-Dichloropropane	78-87-5	ug/L	5/3/2016	1	n/a	ND	
GU-4	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	5/3/2016	5	n/a	ND	
GU-4	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	5/3/2016	5	n/a	ND	
GU-4	d	1,2-Dichlorobenzene	95-50-1	ug/L	5/3/2016	1	n/a	ND	
GU-4	d	1,4-Dichlorobenzene	106-46-7	ug/L	5/3/2016	1	n/a	ND	
GU-4	d	Ethylbenzene	100-41-4	ug/L	5/3/2016	1	n/a	ND	
GU-4	d	2-Hexanone	591-78-6	ug/L	5/3/2016	10	n/a	ND	
GU-4	d	Bromomethane	74-83-9	ug/L	5/3/2016	n/a	n/a	J	0.28
GU-4	d	Chloromethane	74-87-3	ug/L	5/3/2016	3	n/a	ND	
GU-4	d	2-Butanone	78-93-3	ug/L	5/3/2016	10	n/a	ND	
GU-4	d	Iodomethane	74-88-4	ug/L	5/3/2016	10	n/a	ND	
GU-4	d	4-Methyl-2-pentanone	108-10-1	ug/L	5/3/2016	10	n/a	ND	
GU-4	d	Methylene Bromide	74-95-3	ug/L	5/3/2016	1	n/a	ND	
GU-4	d	Methylene Chloride	75-09-2	ug/L	5/3/2016	n/a	n/a	J	0.483
GU-4	d	Styrene	100-42-5	ug/L	5/3/2016	1	n/a	ND	
GU-4	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	5/3/2016	1	n/a	ND	
GU-4	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	5/3/2016	1	n/a	ND	
GU-4	d	Tetrachloroethene	127-18-4	ug/L	5/3/2016	1	n/a	ND	
GU-4	d	Toluene	108-88-3	ug/L	5/3/2016	1	n/a	ND	
GU-4	d	1,1,1-Trichloroethane	71-55-6	ug/L	5/3/2016	1	n/a	ND	
GU-4	d	1,1,2-Trichloroethane	79-00-5	ug/L	5/3/2016	1	n/a	ND	
GU-4	d	Trichloroethene	79-01-6	ug/L	5/3/2016	1	n/a	ND	
GU-4	d	Trichlorofluoromethane	75-69-4	ug/L	5/3/2016	4	n/a	ND	
GU-4	d	1,2,3-Trichloropropane	96-18-4	ug/L	5/3/2016	1	n/a	ND	
GU-4	d	Vinyl acetate	108-05-4	ug/L	5/3/2016	10	n/a	ND	
GU-4	d	Vinyl chloride	75-01-4	ug/L	5/3/2016	n/a	n/a	J	0.298
GU-4	d	Xylenes, total	1330-20-7	ug/L	5/3/2016	3	n/a	ND	
GU-4	d	Total Suspended Solids	TSS	mg/L	5/3/2016	n/a	n/a		3.25
GU-5	d	Antimony	7440-36-0	mg/L	5/3/2016	0.001	n/a	ND	
GU-5	d	Arsenic	7440-38-2	mg/L	5/3/2016	n/a	n/a	J	0.00158
GU-5	d	Barium	7440-39-3	mg/L	5/3/2016	n/a	n/a		0.183
GU-5	d	Beryllium	7440-41-7	mg/L	5/3/2016	0.001	n/a	ND	
GU-5	d	Cadmium	7440-43-9	mg/L	5/3/2016	n/a	n/a	J	0.000044
GU-5	d	Chromium	7440-47-3	mg/L	5/3/2016	0.005	n/a	ND	
GU-5	d	Cobalt	7440-48-4	mg/L	5/3/2016	n/a	n/a		0.00364
GU-5	d	Copper	7440-50-8	mg/L	5/3/2016	0.005	n/a	ND	
GU-5	d	Lead	7439-92-1	mg/L	5/3/2016	0.0005	n/a	ND	
GU-5	d	Nickel	7440-02-0	mg/L	5/3/2016	n/a	n/a		0.00897
GU-5	d	Selenium	7782-49-2	mg/L	5/3/2016	0.005	n/a	ND	
GU-5	d	Silver	7440-22-4	mg/L	5/3/2016	0.001	n/a	ND	
GU-5	d	Thallium	7440-28-0	mg/L	5/3/2016	n/a	n/a	J	0.000029
GU-5	d	Vanadium	7440-62-2	mg/L	5/3/2016	0.005	n/a	ND	
GU-5	d	Zinc	7440-66-6	mg/L	5/3/2016	0.01	n/a	ND	
GU-5	d	Acetone	67-64-1	ug/L	5/3/2016	10	n/a	ND	
GU-5	d	Acrylonitrile	107-13-1	ug/L	5/3/2016	10	n/a	ND	
GU-5	d	Benzene	71-43-2	ug/L	5/3/2016	0.5	n/a	ND	
GU-5	d	Bromochloromethane	74-97-5	ug/L	5/3/2016	5	n/a	ND	
GU-5	d	Bromodichloromethane	75-27-4	ug/L	5/3/2016	1	n/a	ND	
GU-5	d	Bromoform	75-25-2	ug/L	5/3/2016	5	n/a	ND	
GU-5	d	Carbon disulfide	75-15-0	ug/L	5/3/2016	1	n/a	ND	
GU-5	d	Carbon Tetrachloride	56-23-5	ug/L	5/3/2016	2	n/a	ND	
GU-5	d	Chlorobenzene	108-90-7	ug/L	5/3/2016	1	n/a	ND	
GU-5	d	Chloroethane	75-00-3	ug/L	5/3/2016	4	n/a	ND	
GU-5	d	Chloroform	67-66-3	ug/L	5/3/2016	1	n/a	ND	
GU-5	d	Chlorodibromomethane	124-48-1	ug/L	5/3/2016	5	n/a	ND	

Table 9A
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Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
GU-5	d	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	5/3/2016	0.5	n/a	ND	
GU-5	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	5/3/2016	0.13	n/a	ND	
GU-5	d	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	5/3/2016	10	n/a	ND	
GU-5	d	1,1-Dichloroethane	75-34-3	ug/L	5/3/2016	1	n/a	ND	
GU-5	d	1,2-Dichloroethane	107-06-2	ug/L	5/3/2016	1	n/a	ND	
GU-5	d	1,1-Dichloroethene	75-35-4	ug/L	5/3/2016	2	n/a	ND	
GU-5	d	cis-1,2-Dichloroethene	156-59-2	ug/L	5/3/2016	1	n/a	ND	
GU-5	d	trans-1,2-Dichloroethene	156-60-5	ug/L	5/3/2016	1	n/a	ND	
GU-5	d	1,2-Dichloropropane	78-87-5	ug/L	5/3/2016	1	n/a	ND	
GU-5	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	5/3/2016	5	n/a	ND	
GU-5	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	5/3/2016	5	n/a	ND	
GU-5	d	1,2-Dichlorobenzene	95-50-1	ug/L	5/3/2016	1	n/a	ND	
GU-5	d	1,4-Dichlorobenzene	106-46-7	ug/L	5/3/2016	1	n/a	ND	
GU-5	d	Ethylbenzene	100-41-4	ug/L	5/3/2016	1	n/a	ND	
GU-5	d	2-Hexanone	591-78-6	ug/L	5/3/2016	10	n/a	ND	
GU-5	d	Bromomethane	74-83-9	ug/L	5/3/2016	4	n/a	ND	
GU-5	d	Chloromethane	74-87-3	ug/L	5/3/2016	3	n/a	ND	
GU-5	d	2-Butanone	78-93-3	ug/L	5/3/2016	10	n/a	ND	
GU-5	d	Iodomethane	74-88-4	ug/L	5/3/2016	10	n/a	ND	
GU-5	d	4-Methyl-2-pentanone	108-10-1	ug/L	5/3/2016	10	n/a	ND	
GU-5	d	Methylene Bromide	74-95-3	ug/L	5/3/2016	1	n/a	ND	
GU-5	d	Methylene Chloride	75-09-2	ug/L	5/3/2016	n/a	n/a	J	0.342
GU-5	d	Styrene	100-42-5	ug/L	5/3/2016	1	n/a	ND	
GU-5	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	5/3/2016	1	n/a	ND	
GU-5	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	5/3/2016	1	n/a	ND	
GU-5	d	Tetrachloroethene	127-18-4	ug/L	5/3/2016	1	n/a	ND	
GU-5	d	Toluene	108-88-3	ug/L	5/3/2016	1	n/a	ND	
GU-5	d	1,1,1-Trichloroethane	71-55-6	ug/L	5/3/2016	1	n/a	ND	
GU-5	d	1,1,2-Trichloroethane	79-00-5	ug/L	5/3/2016	1	n/a	ND	
GU-5	d	Trichloroethene	79-01-6	ug/L	5/3/2016	1	n/a	ND	
GU-5	d	Trichlorofluoromethane	75-69-4	ug/L	5/3/2016	4	n/a	ND	
GU-5	d	1,2,3-Trichloropropane	96-18-4	ug/L	5/3/2016	1	n/a	ND	
GU-5	d	Vinyl acetate	108-05-4	ug/L	5/3/2016	10	n/a	ND	
GU-5	d	Vinyl chloride	75-01-4	ug/L	5/3/2016	1	n/a	ND	
GU-5	d	Xylenes, total	1330-20-7	ug/L	5/3/2016	3	n/a	ND	
GU-5	d	Total Suspended Solids	TSS	mg/L	5/3/2016	n/a	n/a		10.6
GU-5BG	u	Antimony	7440-36-0	mg/L	5/3/2016	0.001	n/a	ND	
GU-5BG	u	Arsenic	7440-38-2	mg/L	5/3/2016	n/a	n/a	J	0.00158
GU-5BG	u	Barium	7440-39-3	mg/L	5/3/2016	n/a	n/a		0.183
GU-5BG	u	Beryllium	7440-41-7	mg/L	5/3/2016	0.001	n/a	ND	
GU-5BG	u	Cadmium	7440-43-9	mg/L	5/3/2016	n/a	n/a	J	0.000044
GU-5BG	u	Chromium	7440-47-3	mg/L	5/3/2016	0.005	n/a	ND	
GU-5BG	u	Cobalt	7440-48-4	mg/L	5/3/2016	n/a	n/a		0.00364
GU-5BG	u	Copper	7440-50-8	mg/L	5/3/2016	0.005	n/a	ND	
GU-5BG	u	Lead	7439-92-1	mg/L	5/3/2016	0.0005	n/a	ND	
GU-5BG	u	Nickel	7440-02-0	mg/L	5/3/2016	n/a	n/a		0.00897
GU-5BG	u	Selenium	7782-49-2	mg/L	5/3/2016	0.005	n/a	ND	
GU-5BG	u	Silver	7440-22-4	mg/L	5/3/2016	0.001	n/a	ND	
GU-5BG	u	Thallium	7440-28-0	mg/L	5/3/2016	n/a	n/a	J	0.000029
GU-5BG	u	Vanadium	7440-62-2	mg/L	5/3/2016	0.005	n/a	ND	
GU-5BG	u	Zinc	7440-66-6	mg/L	5/3/2016	0.01	n/a	ND	
GU-5BG	u	Acetone	67-64-1	ug/L	5/3/2016	10	n/a	ND	
GU-5BG	u	Acrylonitrile	107-13-1	ug/L	5/3/2016	10	n/a	ND	
GU-5BG	u	Benzene	71-43-2	ug/L	5/3/2016	0.5	n/a	ND	
GU-5BG	u	Bromochloromethane	74-97-5	ug/L	5/3/2016	5	n/a	ND	
GU-5BG	u	Bromodichloromethane	75-27-4	ug/L	5/3/2016	1	n/a	ND	
GU-5BG	u	Bromoform	75-25-2	ug/L	5/3/2016	5	n/a	ND	
GU-5BG	u	Carbon disulfide	75-15-0	ug/L	5/3/2016	1	n/a	ND	
GU-5BG	u	Carbon Tetrachloride	56-23-5	ug/L	5/3/2016	2	n/a	ND	
GU-5BG	u	Chlorobenzene	108-90-7	ug/L	5/3/2016	1	n/a	ND	
GU-5BG	u	Chloroethane	75-00-3	ug/L	5/3/2016	4	n/a	ND	
GU-5BG	u	Chloroform	67-66-3	ug/L	5/3/2016	1	n/a	ND	
GU-5BG	u	Chlorodibromomethane	124-48-1	ug/L	5/3/2016	5	n/a	ND	
GU-5BG	u	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	5/3/2016	0.5	n/a	ND	
GU-5BG	u	1,2-Dibromoethane [EDB]	106-93-4	ug/L	5/3/2016	0.13	n/a	ND	
GU-5BG	u	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	5/3/2016	10	n/a	ND	
GU-5BG	u	1,1-Dichloroethane	75-34-3	ug/L	5/3/2016	1	n/a	ND	
GU-5BG	u	1,2-Dichloroethane	107-06-2	ug/L	5/3/2016	1	n/a	ND	
GU-5BG	u	1,1-Dichloroethene	75-35-4	ug/L	5/3/2016	2	n/a	ND	
GU-5BG	u	cis-1,2-Dichloroethene	156-59-2	ug/L	5/3/2016	1	n/a	ND	
GU-5BG	u	trans-1,2-Dichloroethene	156-60-5	ug/L	5/3/2016	1	n/a	ND	
GU-5BG	u	1,2-Dichloropropane	78-87-5	ug/L	5/3/2016	1	n/a	ND	
GU-5BG	u	cis-1,3-Dichloropropene	10061-01-5	ug/L	5/3/2016	5	n/a	ND	
GU-5BG	u	trans-1,3-Dichloropropene	10061-02-6	ug/L	5/3/2016	5	n/a	ND	
GU-5BG	u	1,2-Dichlorobenzene	95-50-1	ug/L	5/3/2016	1	n/a	ND	

Table 9A
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Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
GU-5BG	u	1,4-Dichlorobenzene	106-46-7	ug/L	5/3/2016	1	n/a	ND	
GU-5BG	u	Ethylbenzene	100-41-4	ug/L	5/3/2016	1	n/a	ND	
GU-5BG	u	2-Hexanone	591-78-6	ug/L	5/3/2016	10	n/a	ND	
GU-5BG	u	Bromomethane	74-83-9	ug/L	5/3/2016	4	n/a	ND	
GU-5BG	u	Chloromethane	74-87-3	ug/L	5/3/2016	3	n/a	ND	
GU-5BG	u	2-Butanone	78-93-3	ug/L	5/3/2016	10	n/a	ND	
GU-5BG	u	Iodomethane	74-88-4	ug/L	5/3/2016	10	n/a	ND	
GU-5BG	u	4-Methyl-2-pentanone	108-10-1	ug/L	5/3/2016	10	n/a	ND	
GU-5BG	u	Methylene Bromide	74-95-3	ug/L	5/3/2016	1	n/a	ND	
GU-5BG	u	Methylene Chloride	75-09-2	ug/L	5/3/2016	n/a	n/a	J	0.342
GU-5BG	u	Styrene	100-42-5	ug/L	5/3/2016	1	n/a	ND	
GU-5BG	u	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	5/3/2016	1	n/a	ND	
GU-5BG	u	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	5/3/2016	1	n/a	ND	
GU-5BG	u	Tetrachloroethene	127-18-4	ug/L	5/3/2016	1	n/a	ND	
GU-5BG	u	Toluene	108-88-3	ug/L	5/3/2016	1	n/a	ND	
GU-5BG	u	1,1,1-Trichloroethane	71-55-6	ug/L	5/3/2016	1	n/a	ND	
GU-5BG	u	1,1,2-Trichloroethane	79-00-5	ug/L	5/3/2016	1	n/a	ND	
GU-5BG	u	Trichloroethene	79-01-6	ug/L	5/3/2016	1	n/a	ND	
GU-5BG	u	Trichlorofluoromethane	75-69-4	ug/L	5/3/2016	4	n/a	ND	
GU-5BG	u	1,2,3-Trichloropropane	96-18-4	ug/L	5/3/2016	1	n/a	ND	
GU-5BG	u	Vinyl acetate	108-05-4	ug/L	5/3/2016	10	n/a	ND	
GU-5BG	u	Vinyl chloride	75-01-4	ug/L	5/3/2016	1	n/a	ND	
GU-5BG	u	Xylenes, total	1330-20-7	ug/L	5/3/2016	3	n/a	ND	
GU-5BG	u	Total Suspended Solids	TSS	mg/L	5/3/2016	n/a	n/a		10.6
MW-26	u	Antimony	7440-36-0	mg/L	5/3/2016	0.001	n/a	ND	
MW-26	u	Arsenic	7440-38-2	mg/L	5/3/2016	0.002	n/a	ND	
MW-26	u	Barium	7440-39-3	mg/L	5/3/2016	n/a	n/a		0.0561
MW-26	u	Beryllium	7440-41-7	mg/L	5/3/2016	0.001	n/a	ND	
MW-26	u	Cadmium	7440-43-9	mg/L	5/3/2016	0.0005	n/a	ND	
MW-26	u	Chromium	7440-47-3	mg/L	5/3/2016	n/a	n/a		0.00989
MW-26	u	Cobalt	7440-48-4	mg/L	5/3/2016	n/a	n/a	J	0.000039
MW-26	u	Copper	7440-50-8	mg/L	5/3/2016	0.005	n/a	ND	
MW-26	u	Lead	7439-92-1	mg/L	5/3/2016	0.0005	n/a	ND	
MW-26	u	Nickel	7440-02-0	mg/L	5/3/2016	0.005	n/a	ND	
MW-26	u	Selenium	7782-49-2	mg/L	5/3/2016	n/a	n/a		0.0811
MW-26	u	Silver	7440-22-4	mg/L	5/3/2016	0.001	n/a	ND	
MW-26	u	Thallium	7440-28-0	mg/L	5/3/2016	0.001	n/a	ND	
MW-26	u	Vanadium	7440-62-2	mg/L	5/3/2016	n/a	n/a	J	0.000769
MW-26	u	Zinc	7440-66-6	mg/L	5/3/2016	0.01	n/a	ND	
MW-26	u	Acetone	67-64-1	ug/L	5/3/2016	10	n/a	ND	
MW-26	u	Acrylonitrile	107-13-1	ug/L	5/3/2016	10	n/a	ND	
MW-26	u	Benzene	71-43-2	ug/L	5/3/2016	0.5	n/a	ND	
MW-26	u	Bromochloromethane	74-97-5	ug/L	5/3/2016	5	n/a	ND	
MW-26	u	Bromodichloromethane	75-27-4	ug/L	5/3/2016	1	n/a	ND	
MW-26	u	Bromoform	75-25-2	ug/L	5/3/2016	5	n/a	ND	
MW-26	u	Carbon disulfide	75-15-0	ug/L	5/3/2016	1	n/a	ND	
MW-26	u	Carbon Tetrachloride	56-23-5	ug/L	5/3/2016	2	n/a	ND	
MW-26	u	Chlorobenzene	108-90-7	ug/L	5/3/2016	1	n/a	ND	
MW-26	u	Chloroethane	75-00-3	ug/L	5/3/2016	4	n/a	ND	
MW-26	u	Chloroform	67-66-3	ug/L	5/3/2016	1	n/a	ND	
MW-26	u	Chlorodibromomethane	124-48-1	ug/L	5/3/2016	5	n/a	ND	
MW-26	u	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	5/3/2016	0.5	n/a	ND	
MW-26	u	1,2-Dibromoethane [EDB]	106-93-4	ug/L	5/3/2016	0.13	n/a	ND	
MW-26	u	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	5/3/2016	10	n/a	ND	
MW-26	u	1,1-Dichloroethane	75-34-3	ug/L	5/3/2016	1	n/a	ND	
MW-26	u	1,2-Dichloroethane	107-06-2	ug/L	5/3/2016	1	n/a	ND	
MW-26	u	1,1-Dichloroethene	75-35-4	ug/L	5/3/2016	2	n/a	ND	
MW-26	u	cis-1,2-Dichloroethene	156-59-2	ug/L	5/3/2016	1	n/a	ND	
MW-26	u	trans-1,2-Dichloroethene	156-60-5	ug/L	5/3/2016	1	n/a	ND	
MW-26	u	1,2-Dichloropropane	78-87-5	ug/L	5/3/2016	1	n/a	ND	
MW-26	u	cis-1,3-Dichloropropene	10061-01-5	ug/L	5/3/2016	5	n/a	ND	
MW-26	u	trans-1,3-Dichloropropene	10061-02-6	ug/L	5/3/2016	5	n/a	ND	
MW-26	u	1,2-Dichlorobenzene	95-50-1	ug/L	5/3/2016	1	n/a	ND	
MW-26	u	1,4-Dichlorobenzene	106-46-7	ug/L	5/3/2016	1	n/a	ND	
MW-26	u	Ethylbenzene	100-41-4	ug/L	5/3/2016	1	n/a	ND	
MW-26	u	2-Hexanone	591-78-6	ug/L	5/3/2016	10	n/a	ND	
MW-26	u	Bromomethane	74-83-9	ug/L	5/3/2016	n/a	n/a	J	0.226
MW-26	u	Chloromethane	74-87-3	ug/L	5/3/2016	3	n/a	ND	
MW-26	u	2-Butanone	78-93-3	ug/L	5/3/2016	10	n/a	ND	
MW-26	u	Iodomethane	74-88-4	ug/L	5/3/2016	10	n/a	ND	
MW-26	u	4-Methyl-2-pentanone	108-10-1	ug/L	5/3/2016	10	n/a	ND	
MW-26	u	Methylene Bromide	74-95-3	ug/L	5/3/2016	1	n/a	ND	
MW-26	u	Methylene Chloride	75-09-2	ug/L	5/3/2016	n/a	n/a	J	0.238
MW-26	u	Styrene	100-42-5	ug/L	5/3/2016	1	n/a	ND	
MW-26	u	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	5/3/2016	1	n/a	ND	

Table 9A
Analytical Data Summary - Phase II MSWLF
2024 Annual Water Quality Report
Phase II MSWLF and CWTS
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-26	u	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	5/3/2016	1	n/a	ND	
MW-26	u	Tetrachloroethene	127-18-4	ug/L	5/3/2016	1	n/a	ND	
MW-26	u	Toluene	108-88-3	ug/L	5/3/2016	1	n/a	ND	
MW-26	u	1,1,1-Trichloroethane	71-55-6	ug/L	5/3/2016	1	n/a	ND	
MW-26	u	1,1,2-Trichloroethane	79-00-5	ug/L	5/3/2016	1	n/a	ND	
MW-26	u	Trichloroethene	79-01-6	ug/L	5/3/2016	1	n/a	ND	
MW-26	u	Trichlorofluoromethane	75-69-4	ug/L	5/3/2016	4	n/a	ND	
MW-26	u	1,2,3-Trichloropropane	96-18-4	ug/L	5/3/2016	1	n/a	ND	
MW-26	u	Vinyl acetate	108-05-4	ug/L	5/3/2016	10	n/a	ND	
MW-26	u	Vinyl chloride	75-01-4	ug/L	5/3/2016	1	n/a	ND	
MW-26	u	Xylenes, total	1330-20-7	ug/L	5/3/2016	3	n/a	ND	
MW-26	u	Total Suspended Solids	TSS	mg/L	5/3/2016	n/a	n/a	J	0.875
MW-67	d	Antimony	7440-36-0	mg/L	5/3/2016	0.001	n/a	ND	
MW-67	d	Arsenic	7440-38-2	mg/L	5/3/2016	0.002	n/a	ND	
MW-67	d	Barium	7440-39-3	mg/L	5/3/2016	n/a	n/a		0.0369
MW-67	d	Beryllium	7440-41-7	mg/L	5/3/2016	0.001	n/a	ND	
MW-67	d	Cadmium	7440-43-9	mg/L	5/3/2016	0.0005	n/a	ND	
MW-67	d	Chromium	7440-47-3	mg/L	5/3/2016	0.005	n/a	ND	
MW-67	d	Cobalt	7440-48-4	mg/L	5/3/2016	n/a	n/a	J	0.000028
MW-67	d	Copper	7440-50-8	mg/L	5/3/2016	0.005	n/a	ND	
MW-67	d	Lead	7439-92-1	mg/L	5/3/2016	0.0005	n/a	ND	
MW-67	d	Nickel	7440-02-0	mg/L	5/3/2016	n/a	n/a	J	0.00219
MW-67	d	Selenium	7782-49-2	mg/L	5/3/2016	n/a	n/a	J	0.000671
MW-67	d	Silver	7440-22-4	mg/L	5/3/2016	0.001	n/a	ND	
MW-67	d	Thallium	7440-28-0	mg/L	5/3/2016	0.001	n/a	ND	
MW-67	d	Vanadium	7440-62-2	mg/L	5/3/2016	0.005	n/a	ND	
MW-67	d	Zinc	7440-66-6	mg/L	5/3/2016	0.01	n/a	ND	
MW-67	d	Acetone	67-64-1	ug/L	5/3/2016	10	n/a	ND	
MW-67	d	Acrylonitrile	107-13-1	ug/L	5/3/2016	10	n/a	ND	
MW-67	d	Benzene	71-43-2	ug/L	5/3/2016	0.5	n/a	ND	
MW-67	d	Bromochloromethane	74-97-5	ug/L	5/3/2016	5	n/a	ND	
MW-67	d	Bromodichloromethane	75-27-4	ug/L	5/3/2016	1	n/a	ND	
MW-67	d	Bromoform	75-25-2	ug/L	5/3/2016	5	n/a	ND	
MW-67	d	Carbon disulfide	75-15-0	ug/L	5/3/2016	1	n/a	ND	
MW-67	d	Carbon Tetrachloride	56-23-5	ug/L	5/3/2016	2	n/a	ND	
MW-67	d	Chlorobenzene	108-90-7	ug/L	5/3/2016	1	n/a	ND	
MW-67	d	Chloroethane	75-00-3	ug/L	5/3/2016	4	n/a	ND	
MW-67	d	Chloroform	67-66-3	ug/L	5/3/2016	1	n/a	ND	
MW-67	d	Chlorodibromomethane	124-48-1	ug/L	5/3/2016	5	n/a	ND	
MW-67	d	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	5/3/2016	0.5	n/a	ND	
MW-67	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	5/3/2016	0.13	n/a	ND	
MW-67	d	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	5/3/2016	10	n/a	ND	
MW-67	d	1,1-Dichloroethane	75-34-3	ug/L	5/3/2016	1	n/a	ND	
MW-67	d	1,2-Dichloroethane	107-06-2	ug/L	5/3/2016	1	n/a	ND	
MW-67	d	1,1-Dichloroethene	75-35-4	ug/L	5/3/2016	2	n/a	ND	
MW-67	d	cis-1,2-Dichloroethene	156-59-2	ug/L	5/3/2016	1	n/a	ND	
MW-67	d	trans-1,2-Dichloroethene	156-60-5	ug/L	5/3/2016	1	n/a	ND	
MW-67	d	1,2-Dichloropropane	78-87-5	ug/L	5/3/2016	1	n/a	ND	
MW-67	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	5/3/2016	5	n/a	ND	
MW-67	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	5/3/2016	5	n/a	ND	
MW-67	d	1,2-Dichlorobenzene	95-50-1	ug/L	5/3/2016	1	n/a	ND	
MW-67	d	1,4-Dichlorobenzene	106-46-7	ug/L	5/3/2016	1	n/a	ND	
MW-67	d	Ethylbenzene	100-41-4	ug/L	5/3/2016	1	n/a	ND	
MW-67	d	2-Hexanone	591-78-6	ug/L	5/3/2016	10	n/a	ND	
MW-67	d	Bromomethane	74-83-9	ug/L	5/3/2016	n/a	n/a	J	0.268
MW-67	d	Chloromethane	74-87-3	ug/L	5/3/2016	3	n/a	ND	
MW-67	d	2-Butanone	78-93-3	ug/L	5/3/2016	10	n/a	ND	
MW-67	d	Iodomethane	74-88-4	ug/L	5/3/2016	10	n/a	ND	
MW-67	d	4-Methyl-2-pentanone	108-10-1	ug/L	5/3/2016	10	n/a	ND	
MW-67	d	Methylene Bromide	74-95-3	ug/L	5/3/2016	1	n/a	ND	
MW-67	d	Methylene Chloride	75-09-2	ug/L	5/3/2016	n/a	n/a	J	0.294
MW-67	d	Styrene	100-42-5	ug/L	5/3/2016	1	n/a	ND	
MW-67	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	5/3/2016	1	n/a	ND	
MW-67	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	5/3/2016	1	n/a	ND	
MW-67	d	Tetrachloroethene	127-18-4	ug/L	5/3/2016	1	n/a	ND	
MW-67	d	Toluene	108-88-3	ug/L	5/3/2016	1	n/a	ND	
MW-67	d	1,1,1-Trichloroethane	71-55-6	ug/L	5/3/2016	1	n/a	ND	
MW-67	d	1,1,2-Trichloroethane	79-00-5	ug/L	5/3/2016	1	n/a	ND	
MW-67	d	Trichloroethene	79-01-6	ug/L	5/3/2016	1	n/a	ND	
MW-67	d	Trichlorofluoromethane	75-69-4	ug/L	5/3/2016	4	n/a	ND	
MW-67	d	1,2,3-Trichloropropane	96-18-4	ug/L	5/3/2016	1	n/a	ND	
MW-67	d	Vinyl acetate	108-05-4	ug/L	5/3/2016	10	n/a	ND	
MW-67	d	Vinyl chloride	75-01-4	ug/L	5/3/2016	1	n/a	ND	
MW-67	d	Xylenes, total	1330-20-7	ug/L	5/3/2016	3	n/a	ND	
MW-67	d	Total Suspended Solids	TSS	mg/L	5/3/2016	n/a	n/a	J	0.75

Table 9A
Analytical Data Summary - Phase II MSWLF
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Phase II MSWLF and CWTS
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-B	d	Antimony	7440-36-0	mg/L	5/3/2016	0.001	n/a	ND	
MW-B	d	Antimony	7440-36-0	mg/L	5/3/2016	0.001	n/a	ND	
MW-B	d	Arsenic	7440-38-2	mg/L	5/3/2016	n/a	n/a	J	0.001
MW-B	d	Arsenic	7440-38-2	mg/L	5/3/2016	n/a	n/a	J	0.00103
MW-B	d	Barium	7440-39-3	mg/L	5/3/2016	n/a	n/a		0.0502
MW-B	d	Barium	7440-39-3	mg/L	5/3/2016	n/a	n/a		0.0524
MW-B	d	Beryllium	7440-41-7	mg/L	5/3/2016	0.001	n/a	ND	
MW-B	d	Beryllium	7440-41-7	mg/L	5/3/2016	0.001	n/a	ND	
MW-B	d	Cadmium	7440-43-9	mg/L	5/3/2016	n/a	n/a	J	0.000076
MW-B	d	Cadmium	7440-43-9	mg/L	5/3/2016	n/a	n/a		0.000588
MW-B	d	Chromium	7440-47-3	mg/L	5/3/2016	0.005	n/a	ND	
MW-B	d	Chromium	7440-47-3	mg/L	5/3/2016	0.005	n/a	ND	
MW-B	d	Cobalt	7440-48-4	mg/L	5/3/2016	n/a	n/a		0.00109
MW-B	d	Cobalt	7440-48-4	mg/L	5/3/2016	n/a	n/a		0.0011
MW-B	d	Copper	7440-50-8	mg/L	5/3/2016	n/a	n/a		0.00688
MW-B	d	Copper	7440-50-8	mg/L	5/3/2016	n/a	n/a		0.00683
MW-B	d	Lead	7439-92-1	mg/L	5/3/2016	n/a	n/a		0.000679
MW-B	d	Lead	7439-92-1	mg/L	5/3/2016	n/a	n/a		0.000777
MW-B	d	Nickel	7440-02-0	mg/L	5/3/2016	n/a	n/a		0.00831
MW-B	d	Nickel	7440-02-0	mg/L	5/3/2016	n/a	n/a		0.0082
MW-B	d	Selenium	7782-49-2	mg/L	5/3/2016	0.005	n/a	ND	
MW-B	d	Selenium	7782-49-2	mg/L	5/3/2016	0.005	n/a	ND	
MW-B	d	Silver	7440-22-4	mg/L	5/3/2016	0.001	n/a	ND	
MW-B	d	Silver	7440-22-4	mg/L	5/3/2016	0.001	n/a	ND	
MW-B	d	Thallium	7440-28-0	mg/L	5/3/2016	0.001	n/a	ND	
MW-B	d	Thallium	7440-28-0	mg/L	5/3/2016	0.001	n/a	ND	
MW-B	d	Vanadium	7440-62-2	mg/L	5/3/2016	n/a	n/a	J	0.000636
MW-B	d	Vanadium	7440-62-2	mg/L	5/3/2016	n/a	n/a	J	0.000676
MW-B	d	Zinc	7440-66-6	mg/L	5/3/2016	n/a	n/a		0.015
MW-B	d	Zinc	7440-66-6	mg/L	5/3/2016	n/a	n/a		0.0231
MW-B	d	Acetone	67-64-1	ug/L	5/3/2016	10	n/a	ND	
MW-B	d	Acetone	67-64-1	ug/L	5/3/2016	10	n/a	ND	
MW-B	d	Acrylonitrile	107-13-1	ug/L	5/3/2016	10	n/a	ND	
MW-B	d	Acrylonitrile	107-13-1	ug/L	5/3/2016	10	n/a	ND	
MW-B	d	Benzene	71-43-2	ug/L	5/3/2016	0.5	n/a	ND	
MW-B	d	Benzene	71-43-2	ug/L	5/3/2016	0.5	n/a	ND	
MW-B	d	Bromochloromethane	74-97-5	ug/L	5/3/2016	5	n/a	ND	
MW-B	d	Bromochloromethane	74-97-5	ug/L	5/3/2016	5	n/a	ND	
MW-B	d	Bromodichloromethane	75-27-4	ug/L	5/3/2016	1	n/a	ND	
MW-B	d	Bromodichloromethane	75-27-4	ug/L	5/3/2016	1	n/a	ND	
MW-B	d	Bromoform	75-25-2	ug/L	5/3/2016	5	n/a	ND	
MW-B	d	Bromoform	75-25-2	ug/L	5/3/2016	5	n/a	ND	
MW-B	d	Carbon disulfide	75-15-0	ug/L	5/3/2016	1	n/a	ND	
MW-B	d	Carbon disulfide	75-15-0	ug/L	5/3/2016	1	n/a	ND	
MW-B	d	Carbon Tetrachloride	56-23-5	ug/L	5/3/2016	2	n/a	ND	
MW-B	d	Carbon Tetrachloride	56-23-5	ug/L	5/3/2016	2	n/a	ND	
MW-B	d	Chlorobenzene	108-90-7	ug/L	5/3/2016	1	n/a	ND	
MW-B	d	Chlorobenzene	108-90-7	ug/L	5/3/2016	1	n/a	ND	
MW-B	d	Chloroethane	75-00-3	ug/L	5/3/2016	4	n/a	ND	
MW-B	d	Chloroethane	75-00-3	ug/L	5/3/2016	4	n/a	ND	
MW-B	d	Chloroform	67-66-3	ug/L	5/3/2016	1	n/a	ND	
MW-B	d	Chloroform	67-66-3	ug/L	5/3/2016	1	n/a	ND	
MW-B	d	Chlorodibromomethane	124-48-1	ug/L	5/3/2016	5	n/a	ND	
MW-B	d	Chlorodibromomethane	124-48-1	ug/L	5/3/2016	5	n/a	ND	
MW-B	d	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	5/3/2016	0.5	n/a	ND	
MW-B	d	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	5/3/2016	0.5	n/a	ND	
MW-B	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	5/3/2016	0.13	n/a	ND	
MW-B	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	5/3/2016	0.13	n/a	ND	
MW-B	d	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	5/3/2016	10	n/a	ND	
MW-B	d	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	5/3/2016	10	n/a	ND	
MW-B	d	1,1-Dichloroethane	75-34-3	ug/L	5/3/2016	1	n/a	ND	
MW-B	d	1,1-Dichloroethane	75-34-3	ug/L	5/3/2016	1	n/a	ND	
MW-B	d	1,2-Dichloroethane	107-06-2	ug/L	5/3/2016	1	n/a	ND	
MW-B	d	1,2-Dichloroethane	107-06-2	ug/L	5/3/2016	1	n/a	ND	
MW-B	d	1,1-Dichloroethene	75-35-4	ug/L	5/3/2016	2	n/a	ND	
MW-B	d	1,1-Dichloroethene	75-35-4	ug/L	5/3/2016	2	n/a	ND	
MW-B	d	cis-1,2-Dichloroethene	156-59-2	ug/L	5/3/2016	1	n/a	ND	
MW-B	d	cis-1,2-Dichloroethene	156-59-2	ug/L	5/3/2016	1	n/a	ND	
MW-B	d	trans-1,2-Dichloroethene	156-60-5	ug/L	5/3/2016	1	n/a	ND	
MW-B	d	trans-1,2-Dichloroethene	156-60-5	ug/L	5/3/2016	1	n/a	ND	
MW-B	d	1,2-Dichloropropane	78-87-5	ug/L	5/3/2016	1	n/a	ND	
MW-B	d	1,2-Dichloropropane	78-87-5	ug/L	5/3/2016	1	n/a	ND	
MW-B	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	5/3/2016	5	n/a	ND	
MW-B	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	5/3/2016	5	n/a	ND	
MW-B	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	5/3/2016	5	n/a	ND	

Table 9A
Analytical Data Summary - Phase II MSWLF
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Phase II MSWLF and CWTS
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Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-B	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	5/3/2016	5	n/a	ND	
MW-B	d	1,2-Dichlorobenzene	95-50-1	ug/L	5/3/2016	1	n/a	ND	
MW-B	d	1,2-Dichlorobenzene	95-50-1	ug/L	5/3/2016	1	n/a	ND	
MW-B	d	1,4-Dichlorobenzene	106-46-7	ug/L	5/3/2016	1	n/a	ND	
MW-B	d	1,4-Dichlorobenzene	106-46-7	ug/L	5/3/2016	1	n/a	ND	
MW-B	d	Ethylbenzene	100-41-4	ug/L	5/3/2016	1	n/a	ND	
MW-B	d	Ethylbenzene	100-41-4	ug/L	5/3/2016	1	n/a	ND	
MW-B	d	2-Hexanone	591-78-6	ug/L	5/3/2016	10	n/a	ND	
MW-B	d	2-Hexanone	591-78-6	ug/L	5/3/2016	10	n/a	ND	
MW-B	d	Bromomethane	74-83-9	ug/L	5/3/2016	n/a	n/a	J	0.332
MW-B	d	Bromomethane	74-83-9	ug/L	5/3/2016	n/a	n/a	J	0.236
MW-B	d	Chloromethane	74-87-3	ug/L	5/3/2016	3	n/a	ND	
MW-B	d	Chloromethane	74-87-3	ug/L	5/3/2016	3	n/a	ND	
MW-B	d	2-Butanone	78-93-3	ug/L	5/3/2016	10	n/a	ND	
MW-B	d	2-Butanone	78-93-3	ug/L	5/3/2016	10	n/a	ND	
MW-B	d	Iodomethane	74-88-4	ug/L	5/3/2016	10	n/a	ND	
MW-B	d	Iodomethane	74-88-4	ug/L	5/3/2016	10	n/a	ND	
MW-B	d	4-Methyl-2-pentanone	108-10-1	ug/L	5/3/2016	10	n/a	ND	
MW-B	d	4-Methyl-2-pentanone	108-10-1	ug/L	5/3/2016	10	n/a	ND	
MW-B	d	Methylene Bromide	74-95-3	ug/L	5/3/2016	1	n/a	ND	
MW-B	d	Methylene Bromide	74-95-3	ug/L	5/3/2016	1	n/a	ND	
MW-B	d	Methylene Chloride	75-09-2	ug/L	5/3/2016	n/a	n/a	J	0.229
MW-B	d	Methylene Chloride	75-09-2	ug/L	5/3/2016	5	n/a	ND	
MW-B	d	Styrene	100-42-5	ug/L	5/3/2016	1	n/a	ND	
MW-B	d	Styrene	100-42-5	ug/L	5/3/2016	1	n/a	ND	
MW-B	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	5/3/2016	1	n/a	ND	
MW-B	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	5/3/2016	1	n/a	ND	
MW-B	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	5/3/2016	1	n/a	ND	
MW-B	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	5/3/2016	1	n/a	ND	
MW-B	d	Tetrachloroethene	127-18-4	ug/L	5/3/2016	1	n/a	ND	
MW-B	d	Tetrachloroethene	127-18-4	ug/L	5/3/2016	1	n/a	ND	
MW-B	d	Toluene	108-88-3	ug/L	5/3/2016	1	n/a	ND	
MW-B	d	Toluene	108-88-3	ug/L	5/3/2016	1	n/a	ND	
MW-B	d	1,1,1-Trichloroethane	71-55-6	ug/L	5/3/2016	1	n/a	ND	
MW-B	d	1,1,1-Trichloroethane	71-55-6	ug/L	5/3/2016	1	n/a	ND	
MW-B	d	1,1,2-Trichloroethane	79-00-5	ug/L	5/3/2016	1	n/a	ND	
MW-B	d	1,1,2-Trichloroethane	79-00-5	ug/L	5/3/2016	1	n/a	ND	
MW-B	d	Trichloroethene	79-01-6	ug/L	5/3/2016	1	n/a	ND	
MW-B	d	Trichloroethene	79-01-6	ug/L	5/3/2016	1	n/a	ND	
MW-B	d	Trichlorofluoromethane	75-69-4	ug/L	5/3/2016	4	n/a	ND	
MW-B	d	Trichlorofluoromethane	75-69-4	ug/L	5/3/2016	4	n/a	ND	
MW-B	d	1,2,3-Trichloropropane	96-18-4	ug/L	5/3/2016	1	n/a	ND	
MW-B	d	1,2,3-Trichloropropane	96-18-4	ug/L	5/3/2016	1	n/a	ND	
MW-B	d	Vinyl acetate	108-05-4	ug/L	5/3/2016	10	n/a	ND	
MW-B	d	Vinyl acetate	108-05-4	ug/L	5/3/2016	10	n/a	ND	
MW-B	d	Vinyl chloride	75-01-4	ug/L	5/3/2016	1	n/a	ND	
MW-B	d	Vinyl chloride	75-01-4	ug/L	5/3/2016	1	n/a	ND	
MW-B	d	Xylenes, total	1330-20-7	ug/L	5/3/2016	3	n/a	ND	
MW-B	d	Xylenes, total	1330-20-7	ug/L	5/3/2016	3	n/a	ND	
MW-B	d	Total Suspended Solids	TSS	mg/L	5/3/2016	n/a	n/a		6.38
MW-B	d	Total Suspended Solids	TSS	mg/L	5/3/2016	n/a	n/a		7.62
MW-C	d	Antimony	7440-36-0	mg/L	5/3/2016	0.001	n/a	ND	
MW-C	d	Arsenic	7440-38-2	mg/L	5/3/2016	0.002	n/a	ND	
MW-C	d	Barium	7440-39-3	mg/L	5/3/2016	n/a	n/a		0.542
MW-C	d	Beryllium	7440-41-7	mg/L	5/3/2016	0.001	n/a	ND	
MW-C	d	Cadmium	7440-43-9	mg/L	5/3/2016	0.0005	n/a	ND	
MW-C	d	Chromium	7440-47-3	mg/L	5/3/2016	0.005	n/a	ND	
MW-C	d	Cobalt	7440-48-4	mg/L	5/3/2016	n/a	n/a	J	0.00005
MW-C	d	Copper	7440-50-8	mg/L	5/3/2016	n/a	n/a	J	0.00174
MW-C	d	Lead	7439-92-1	mg/L	5/3/2016	0.0005	n/a	ND	
MW-C	d	Nickel	7440-02-0	mg/L	5/3/2016	0.005	n/a	ND	
MW-C	d	Selenium	7782-49-2	mg/L	5/3/2016	n/a	n/a	J	0.000636
MW-C	d	Silver	7440-22-4	mg/L	5/3/2016	0.001	n/a	ND	
MW-C	d	Thallium	7440-28-0	mg/L	5/3/2016	0.001	n/a	ND	
MW-C	d	Vanadium	7440-62-2	mg/L	5/3/2016	0.005	n/a	ND	
MW-C	d	Zinc	7440-66-6	mg/L	5/3/2016	0.01	n/a	ND	
MW-C	d	Acetone	67-64-1	ug/L	5/3/2016	10	n/a	ND	
MW-C	d	Acrylonitrile	107-13-1	ug/L	5/3/2016	10	n/a	ND	
MW-C	d	Benzene	71-43-2	ug/L	5/3/2016	0.5	n/a	ND	
MW-C	d	Bromochloromethane	74-97-5	ug/L	5/3/2016	5	n/a	ND	
MW-C	d	Bromodichloromethane	75-27-4	ug/L	5/3/2016	1	n/a	ND	
MW-C	d	Bromoform	75-25-2	ug/L	5/3/2016	5	n/a	ND	
MW-C	d	Carbon disulfide	75-15-0	ug/L	5/3/2016	1	n/a	ND	
MW-C	d	Carbon Tetrachloride	56-23-5	ug/L	5/3/2016	2	n/a	ND	
MW-C	d	Chlorobenzene	108-90-7	ug/L	5/3/2016	1	n/a	ND	

Table 9A
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Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-C	d	Chloroethane	75-00-3	ug/L	5/3/2016	4	n/a	ND	
MW-C	d	Chloroform	67-66-3	ug/L	5/3/2016	1	n/a	ND	
MW-C	d	Chlorodibromomethane	124-48-1	ug/L	5/3/2016	5	n/a	ND	
MW-C	d	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	5/3/2016	0.5	n/a	ND	
MW-C	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	5/3/2016	0.13	n/a	ND	
MW-C	d	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	5/3/2016	10	n/a	ND	
MW-C	d	1,1-Dichloroethane	75-34-3	ug/L	5/3/2016	1	n/a	ND	
MW-C	d	1,2-Dichloroethane	107-06-2	ug/L	5/3/2016	1	n/a	ND	
MW-C	d	1,1-Dichloroethene	75-35-4	ug/L	5/3/2016	2	n/a	ND	
MW-C	d	cis-1,2-Dichloroethene	156-59-2	ug/L	5/3/2016	1	n/a	ND	
MW-C	d	trans-1,2-Dichloroethene	156-60-5	ug/L	5/3/2016	1	n/a	ND	
MW-C	d	1,2-Dichloropropane	78-87-5	ug/L	5/3/2016	1	n/a	ND	
MW-C	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	5/3/2016	5	n/a	ND	
MW-C	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	5/3/2016	5	n/a	ND	
MW-C	d	1,2-Dichlorobenzene	95-50-1	ug/L	5/3/2016	1	n/a	ND	
MW-C	d	1,4-Dichlorobenzene	106-46-7	ug/L	5/3/2016	1	n/a	ND	
MW-C	d	Ethylbenzene	100-41-4	ug/L	5/3/2016	1	n/a	ND	
MW-C	d	2-Hexanone	591-78-6	ug/L	5/3/2016	10	n/a	ND	
MW-C	d	Bromomethane	74-83-9	ug/L	5/3/2016	n/a	n/a	J	0.279
MW-C	d	Chloromethane	74-87-3	ug/L	5/3/2016	3	n/a	ND	
MW-C	d	2-Butanone	78-93-3	ug/L	5/3/2016	10	n/a	ND	
MW-C	d	Iodomethane	74-88-4	ug/L	5/3/2016	10	n/a	ND	
MW-C	d	4-Methyl-2-pentanone	108-10-1	ug/L	5/3/2016	10	n/a	ND	
MW-C	d	Methylene Bromide	74-95-3	ug/L	5/3/2016	1	n/a	ND	
MW-C	d	Methylene Chloride	75-09-2	ug/L	5/3/2016	n/a	n/a	J	0.27
MW-C	d	Styrene	100-42-5	ug/L	5/3/2016	1	n/a	ND	
MW-C	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	5/3/2016	1	n/a	ND	
MW-C	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	5/3/2016	1	n/a	ND	
MW-C	d	Tetrachloroethene	127-18-4	ug/L	5/3/2016	1	n/a	ND	
MW-C	d	Toluene	108-88-3	ug/L	5/3/2016	1	n/a	ND	
MW-C	d	1,1,1-Trichloroethane	71-55-6	ug/L	5/3/2016	1	n/a	ND	
MW-C	d	1,1,2-Trichloroethane	79-00-5	ug/L	5/3/2016	1	n/a	ND	
MW-C	d	Trichloroethene	79-01-6	ug/L	5/3/2016	1	n/a	ND	
MW-C	d	Trichlorofluoromethane	75-69-4	ug/L	5/3/2016	4	n/a	ND	
MW-C	d	1,2,3-Trichloropropane	96-18-4	ug/L	5/3/2016	1	n/a	ND	
MW-C	d	Vinyl acetate	108-05-4	ug/L	5/3/2016	10	n/a	ND	
MW-C	d	Vinyl chloride	75-01-4	ug/L	5/3/2016	1	n/a	ND	
MW-C	d	Xylenes, total	1330-20-7	ug/L	5/3/2016	3	n/a	ND	
MW-C	d	Total Suspended Solids	TSS	mg/L	5/3/2016	1.88	n/a	ND	
GU-3	d	Total Suspended Solids	TSS	mg/L	7/1/2016	n/a	n/a	J	3.33
GU-3	d	Calcium	7440-70-2	mg/L	7/1/2016	n/a	n/a		187
GU-3	d	Magnesium	7439-95-4	mg/L	7/1/2016	n/a	n/a		72.3
GU-3	d	Potassium	2023695	mg/L	7/1/2016	n/a	n/a		1.2
GU-3	d	Sodium	7440-23-5	mg/L	7/1/2016	n/a	n/a		24.4
GU-3	d	Chloride	16887-00-6	mg/L	7/1/2016	n/a	n/a		124
GU-3	d	Sulfate	14808-79-8	mg/L	7/1/2016	n/a	n/a		186
GU-3	d	Bicarbonate	BICARB	mg/L	7/1/2016	n/a	n/a		510
GU-3	d	Carbonate	CARB	mg/L	7/1/2016	5	n/a	ND	
GU-4	d	Total Suspended Solids	TSS	mg/L	7/1/2016	n/a	n/a	J	2.33
GU-4	d	Calcium	7440-70-2	mg/L	7/1/2016	n/a	n/a		299
GU-4	d	Magnesium	7439-95-4	mg/L	7/1/2016	n/a	n/a		87.5
GU-4	d	Potassium	2023695	mg/L	7/1/2016	n/a	n/a		2.38
GU-4	d	Sodium	7440-23-5	mg/L	7/1/2016	n/a	n/a		75.8
GU-4	d	Chloride	16887-00-6	mg/L	7/1/2016	n/a	n/a		138
GU-4	d	Sulfate	14808-79-8	mg/L	7/1/2016	n/a	n/a		441
GU-4	d	Bicarbonate	BICARB	mg/L	7/1/2016	n/a	n/a		633
GU-4	d	Carbonate	CARB	mg/L	7/1/2016	5	n/a	ND	
GU-5	d	Antimony	7440-36-0	mg/L	7/1/2016	0.003	n/a	ND	
GU-5	d	Arsenic	7440-38-2	mg/L	7/1/2016	n/a	n/a		0.00145
GU-5	d	Barium	7440-39-3	mg/L	7/1/2016	n/a	n/a		0.126
GU-5	d	Beryllium	7440-41-7	mg/L	7/1/2016	0.001	n/a	ND	
GU-5	d	Cadmium	7440-43-9	mg/L	7/1/2016	0.0005	n/a	ND	
GU-5	d	Chromium	7440-47-3	mg/L	7/1/2016	n/a	n/a	J	0.000618
GU-5	d	Cobalt	7440-48-4	mg/L	7/1/2016	n/a	n/a		0.00256
GU-5	d	Copper	7440-50-8	mg/L	7/1/2016	n/a	n/a	J	0.00108
GU-5	d	Lead	7439-92-1	mg/L	7/1/2016	0.0005	n/a	ND	
GU-5	d	Nickel	7440-02-0	mg/L	7/1/2016	n/a	n/a		0.00733
GU-5	d	Selenium	7782-49-2	mg/L	7/1/2016	0.0025	n/a	ND	
GU-5	d	Silver	7440-22-4	mg/L	7/1/2016	0.0005	n/a	ND	
GU-5	d	Thallium	7440-28-0	mg/L	7/1/2016	0.002	n/a	ND	
GU-5	d	Vanadium	7440-62-2	mg/L	7/1/2016	0.005	n/a	ND	
GU-5	d	Zinc	7440-66-6	mg/L	7/1/2016	0.02	n/a	ND	
GU-5	d	Acetone	67-64-1	ug/L	7/1/2016	n/a	n/a	J	3.85
GU-5	d	Acrylonitrile	107-13-1	ug/L	7/1/2016	10	n/a	ND	
GU-5	d	Benzene	71-43-2	ug/L	7/1/2016	0.5	n/a	ND	

Table 9A
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Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
GU-5	d	Bromochloromethane	74-97-5	ug/L	7/1/2016	5	n/a	ND	
GU-5	d	Bromodichloromethane	75-27-4	ug/L	7/1/2016	1	n/a	ND	
GU-5	d	Bromoform	75-25-2	ug/L	7/1/2016	5	n/a	ND	
GU-5	d	Carbon disulfide	75-15-0	ug/L	7/1/2016	1	n/a	ND	
GU-5	d	Carbon Tetrachloride	56-23-5	ug/L	7/1/2016	2	n/a	ND	
GU-5	d	Chlorobenzene	108-90-7	ug/L	7/1/2016	1	n/a	ND	
GU-5	d	Chloroethane	75-00-3	ug/L	7/1/2016	4	n/a	ND	
GU-5	d	Chloroform	67-66-3	ug/L	7/1/2016	1	n/a	ND	
GU-5	d	Chlorodibromomethane	124-48-1	ug/L	7/1/2016	5	n/a	ND	
GU-5	d	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	7/1/2016	0.5	n/a	ND	
GU-5	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	7/1/2016	0.13	n/a	ND	
GU-5	d	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	7/1/2016	10	n/a	ND	
GU-5	d	1,1-Dichloroethane	75-34-3	ug/L	7/1/2016	1	n/a	ND	
GU-5	d	1,2-Dichloroethane	107-06-2	ug/L	7/1/2016	1	n/a	ND	
GU-5	d	1,1-Dichloroethene	75-35-4	ug/L	7/1/2016	2	n/a	ND	
GU-5	d	cis-1,2-Dichloroethene	156-59-2	ug/L	7/1/2016	1	n/a	ND	
GU-5	d	trans-1,2-Dichloroethene	156-60-5	ug/L	7/1/2016	1	n/a	ND	
GU-5	d	1,2-Dichloropropane	78-87-5	ug/L	7/1/2016	1	n/a	ND	
GU-5	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	7/1/2016	5	n/a	ND	
GU-5	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	7/1/2016	5	n/a	ND	
GU-5	d	1,2-Dichlorobenzene	95-50-1	ug/L	7/1/2016	1	n/a	ND	
GU-5	d	1,4-Dichlorobenzene	106-46-7	ug/L	7/1/2016	1	n/a	ND	
GU-5	d	Ethylbenzene	100-41-4	ug/L	7/1/2016	1	n/a	ND	
GU-5	d	2-Hexanone	591-78-6	ug/L	7/1/2016	10	n/a	ND	
GU-5	d	Bromomethane	74-83-9	ug/L	7/1/2016	n/a	n/a	J	0.263
GU-5	d	Chloromethane	74-87-3	ug/L	7/1/2016	3	n/a	ND	
GU-5	d	2-Butanone	78-93-3	ug/L	7/1/2016	10	n/a	ND	
GU-5	d	Iodomethane	74-88-4	ug/L	7/1/2016	10	n/a	ND	
GU-5	d	4-Methyl-2-pentanone	108-10-1	ug/L	7/1/2016	10	n/a	ND	
GU-5	d	Methylene Bromide	74-95-3	ug/L	7/1/2016	1	n/a	ND	
GU-5	d	Methylene Chloride	75-09-2	ug/L	7/1/2016	n/a	n/a	J	0.197
GU-5	d	Styrene	100-42-5	ug/L	7/1/2016	1	n/a	ND	
GU-5	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	7/1/2016	1	n/a	ND	
GU-5	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	7/1/2016	1	n/a	ND	
GU-5	d	Tetrachloroethene	127-18-4	ug/L	7/1/2016	1	n/a	ND	
GU-5	d	Toluene	108-88-3	ug/L	7/1/2016	1	n/a	ND	
GU-5	d	1,1,1-Trichloroethane	71-55-6	ug/L	7/1/2016	1	n/a	ND	
GU-5	d	1,1,2-Trichloroethane	79-00-5	ug/L	7/1/2016	1	n/a	ND	
GU-5	d	Trichloroethene	79-01-6	ug/L	7/1/2016	1	n/a	ND	
GU-5	d	Trichlorofluoromethane	75-69-4	ug/L	7/1/2016	4	n/a	ND	
GU-5	d	1,2,3-Trichloropropane	96-18-4	ug/L	7/1/2016	1	n/a	ND	
GU-5	d	Vinyl acetate	108-05-4	ug/L	7/1/2016	10	n/a	ND	
GU-5	d	Vinyl chloride	75-01-4	ug/L	7/1/2016	1	n/a	ND	
GU-5	d	Xylenes, total	1330-20-7	ug/L	7/1/2016	3	n/a	ND	
GU-5	d	Total Suspended Solids	TSS	mg/L	7/1/2016	n/a	n/a		16.3
GU-5	d	Calcium	7440-70-2	mg/L	7/1/2016	n/a	n/a		288
GU-5	d	Magnesium	7439-95-4	mg/L	7/1/2016	n/a	n/a		62.5
GU-5	d	Potassium	2023695	mg/L	7/1/2016	n/a	n/a		7.39
GU-5	d	Sodium	7440-23-5	mg/L	7/1/2016	n/a	n/a		45.2
GU-5	d	Chloride	16887-00-6	mg/L	7/1/2016	n/a	n/a		42.6
GU-5	d	Sulfate	14808-79-8	mg/L	7/1/2016	n/a	n/a		555
GU-5	d	Bicarbonate	BICARB	mg/L	7/1/2016	n/a	n/a		479
GU-5	d	Carbonate	CARB	mg/L	7/1/2016	5	n/a	ND	
GU-5BG	u	Antimony	7440-36-0	mg/L	7/1/2016	0.003	n/a	ND	
GU-5BG	u	Arsenic	7440-38-2	mg/L	7/1/2016	n/a	n/a		0.00145
GU-5BG	u	Barium	7440-39-3	mg/L	7/1/2016	n/a	n/a		0.126
GU-5BG	u	Beryllium	7440-41-7	mg/L	7/1/2016	0.001	n/a	ND	
GU-5BG	u	Cadmium	7440-43-9	mg/L	7/1/2016	0.0005	n/a	ND	
GU-5BG	u	Chromium	7440-47-3	mg/L	7/1/2016	n/a	n/a	J	0.000618
GU-5BG	u	Cobalt	7440-48-4	mg/L	7/1/2016	n/a	n/a		0.00256
GU-5BG	u	Copper	7440-50-8	mg/L	7/1/2016	n/a	n/a	J	0.00108
GU-5BG	u	Lead	7439-92-1	mg/L	7/1/2016	0.0005	n/a	ND	
GU-5BG	u	Nickel	7440-02-0	mg/L	7/1/2016	n/a	n/a		0.00733
GU-5BG	u	Selenium	7782-49-2	mg/L	7/1/2016	0.0025	n/a	ND	
GU-5BG	u	Silver	7440-22-4	mg/L	7/1/2016	0.0005	n/a	ND	
GU-5BG	u	Thallium	7440-28-0	mg/L	7/1/2016	0.002	n/a	ND	
GU-5BG	u	Vanadium	7440-62-2	mg/L	7/1/2016	0.005	n/a	ND	
GU-5BG	u	Zinc	7440-66-6	mg/L	7/1/2016	0.02	n/a	ND	
GU-5BG	u	Acetone	67-64-1	ug/L	7/1/2016	n/a	n/a	J	3.85
GU-5BG	u	Acrylonitrile	107-13-1	ug/L	7/1/2016	10	n/a	ND	
GU-5BG	u	Benzene	71-43-2	ug/L	7/1/2016	0.5	n/a	ND	
GU-5BG	u	Bromochloromethane	74-97-5	ug/L	7/1/2016	5	n/a	ND	
GU-5BG	u	Bromodichloromethane	75-27-4	ug/L	7/1/2016	1	n/a	ND	
GU-5BG	u	Bromoform	75-25-2	ug/L	7/1/2016	5	n/a	ND	
GU-5BG	u	Carbon disulfide	75-15-0	ug/L	7/1/2016	1	n/a	ND	

Table 9A
Analytical Data Summary - Phase II MSWLF
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Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
GU-5BG	u	Carbon Tetrachloride	56-23-5	ug/L	7/1/2016	2	n/a	ND	
GU-5BG	u	Chlorobenzene	108-90-7	ug/L	7/1/2016	1	n/a	ND	
GU-5BG	u	Chloroethane	75-00-3	ug/L	7/1/2016	4	n/a	ND	
GU-5BG	u	Chloroform	67-66-3	ug/L	7/1/2016	1	n/a	ND	
GU-5BG	u	Chlorodibromomethane	124-48-1	ug/L	7/1/2016	5	n/a	ND	
GU-5BG	u	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	7/1/2016	0.5	n/a	ND	
GU-5BG	u	1,2-Dibromoethane [EDB]	106-93-4	ug/L	7/1/2016	0.13	n/a	ND	
GU-5BG	u	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	7/1/2016	10	n/a	ND	
GU-5BG	u	1,1-Dichloroethane	75-34-3	ug/L	7/1/2016	1	n/a	ND	
GU-5BG	u	1,2-Dichloroethane	107-06-2	ug/L	7/1/2016	1	n/a	ND	
GU-5BG	u	1,1-Dichloroethene	75-35-4	ug/L	7/1/2016	2	n/a	ND	
GU-5BG	u	cis-1,2-Dichloroethene	156-59-2	ug/L	7/1/2016	1	n/a	ND	
GU-5BG	u	trans-1,2-Dichloroethene	156-60-5	ug/L	7/1/2016	1	n/a	ND	
GU-5BG	u	1,2-Dichloropropane	78-87-5	ug/L	7/1/2016	1	n/a	ND	
GU-5BG	u	cis-1,3-Dichloropropene	10061-01-5	ug/L	7/1/2016	5	n/a	ND	
GU-5BG	u	trans-1,3-Dichloropropene	10061-02-6	ug/L	7/1/2016	5	n/a	ND	
GU-5BG	u	1,2-Dichlorobenzene	95-50-1	ug/L	7/1/2016	1	n/a	ND	
GU-5BG	u	1,4-Dichlorobenzene	106-46-7	ug/L	7/1/2016	1	n/a	ND	
GU-5BG	u	Ethylbenzene	100-41-4	ug/L	7/1/2016	1	n/a	ND	
GU-5BG	u	2-Hexanone	591-78-6	ug/L	7/1/2016	10	n/a	ND	
GU-5BG	u	Bromomethane	74-83-9	ug/L	7/1/2016	n/a	n/a	J	0.263
GU-5BG	u	Chloromethane	74-87-3	ug/L	7/1/2016	3	n/a	ND	
GU-5BG	u	2-Butanone	78-93-3	ug/L	7/1/2016	10	n/a	ND	
GU-5BG	u	Iodomethane	74-88-4	ug/L	7/1/2016	10	n/a	ND	
GU-5BG	u	4-Methyl-2-pentanone	108-10-1	ug/L	7/1/2016	10	n/a	ND	
GU-5BG	u	Methylene Bromide	74-95-3	ug/L	7/1/2016	1	n/a	ND	
GU-5BG	u	Methylene Chloride	75-09-2	ug/L	7/1/2016	n/a	n/a	J	0.197
GU-5BG	u	Styrene	100-42-5	ug/L	7/1/2016	1	n/a	ND	
GU-5BG	u	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	7/1/2016	1	n/a	ND	
GU-5BG	u	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	7/1/2016	1	n/a	ND	
GU-5BG	u	Tetrachloroethene	127-18-4	ug/L	7/1/2016	1	n/a	ND	
GU-5BG	u	Toluene	108-88-3	ug/L	7/1/2016	1	n/a	ND	
GU-5BG	u	1,1,1-Trichloroethane	71-55-6	ug/L	7/1/2016	1	n/a	ND	
GU-5BG	u	1,1,2-Trichloroethane	79-00-5	ug/L	7/1/2016	1	n/a	ND	
GU-5BG	u	Trichloroethene	79-01-6	ug/L	7/1/2016	1	n/a	ND	
GU-5BG	u	Trichlorofluoromethane	75-69-4	ug/L	7/1/2016	4	n/a	ND	
GU-5BG	u	1,2,3-Trichloropropane	96-18-4	ug/L	7/1/2016	1	n/a	ND	
GU-5BG	u	Vinyl acetate	108-05-4	ug/L	7/1/2016	10	n/a	ND	
GU-5BG	u	Vinyl chloride	75-01-4	ug/L	7/1/2016	1	n/a	ND	
GU-5BG	u	Xylenes, total	1330-20-7	ug/L	7/1/2016	3	n/a	ND	
GU-5BG	u	Total Suspended Solids	TSS	mg/L	7/1/2016	n/a	n/a		16.3
GU-5	d	Antimony	7440-36-0	mg/L	8/26/2016	0.001	n/a	ND	
GU-5	d	Arsenic	7440-38-2	mg/L	8/26/2016	n/a	n/a		0.00822
GU-5	d	Barium	7440-39-3	mg/L	8/26/2016	n/a	n/a		0.24
GU-5	d	Beryllium	7440-41-7	mg/L	8/26/2016	0.001	n/a	ND	
GU-5	d	Cadmium	7440-43-9	mg/L	8/26/2016	n/a	n/a	J	0.000389
GU-5	d	Chromium	7440-47-3	mg/L	8/26/2016	0.005	n/a	ND	
GU-5	d	Cobalt	7440-48-4	mg/L	8/26/2016	n/a	n/a		0.00581
GU-5	d	Copper	7440-50-8	mg/L	8/26/2016	n/a	n/a	J	0.00128
GU-5	d	Lead	7439-92-1	mg/L	8/26/2016	0.0005	n/a	ND	
GU-5	d	Nickel	7440-02-0	mg/L	8/26/2016	n/a	n/a		0.0139
GU-5	d	Selenium	7782-49-2	mg/L	8/26/2016	0.005	n/a	ND	
GU-5	d	Silver	7440-22-4	mg/L	8/26/2016	0.001	n/a	ND	
GU-5	d	Thallium	7440-28-0	mg/L	8/26/2016	0.001	n/a	ND	
GU-5	d	Vanadium	7440-62-2	mg/L	8/26/2016	n/a	n/a	J	0.000641
GU-5	d	Zinc	7440-66-6	mg/L	8/26/2016	n/a	n/a		0.0156
GU-5	d	Acetone	67-64-1	ug/L	8/26/2016	10	n/a	ND	
GU-5	d	Acrylonitrile	107-13-1	ug/L	8/26/2016	10	n/a	ND	
GU-5	d	Benzene	71-43-2	ug/L	8/26/2016	0.5	n/a	ND	
GU-5	d	Bromochloromethane	74-97-5	ug/L	8/26/2016	5	n/a	ND	
GU-5	d	Bromodichloromethane	75-27-4	ug/L	8/26/2016	1	n/a	ND	
GU-5	d	Bromoform	75-25-2	ug/L	8/26/2016	5	n/a	ND	
GU-5	d	Carbon disulfide	75-15-0	ug/L	8/26/2016	1	n/a	ND	
GU-5	d	Carbon Tetrachloride	56-23-5	ug/L	8/26/2016	2	n/a	ND	
GU-5	d	Chlorobenzene	108-90-7	ug/L	8/26/2016	1	n/a	ND	
GU-5	d	Chloroethane	75-00-3	ug/L	8/26/2016	4	n/a	ND	
GU-5	d	Chloroform	67-66-3	ug/L	8/26/2016	1	n/a	ND	
GU-5	d	Chlorodibromomethane	124-48-1	ug/L	8/26/2016	5	n/a	ND	
GU-5	d	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	8/26/2016	0.5	n/a	ND	
GU-5	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	8/26/2016	0.13	n/a	ND	
GU-5	d	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	8/26/2016	10	n/a	ND	
GU-5	d	1,1-Dichloroethane	75-34-3	ug/L	8/26/2016	1	n/a	ND	
GU-5	d	1,2-Dichloroethane	107-06-2	ug/L	8/26/2016	1	n/a	ND	
GU-5	d	1,1-Dichloroethene	75-35-4	ug/L	8/26/2016	2	n/a	ND	
GU-5	d	cis-1,2-Dichloroethene	156-59-2	ug/L	8/26/2016	1	n/a	ND	

Table 9A
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Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
GU-5	d	trans-1,2-Dichloroethene	156-60-5	ug/L	8/26/2016	1	n/a	ND	
GU-5	d	1,2-Dichloropropane	78-87-5	ug/L	8/26/2016	1	n/a	ND	
GU-5	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	8/26/2016	5	n/a	ND	
GU-5	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	8/26/2016	5	n/a	ND	
GU-5	d	1,2-Dichlorobenzene	95-50-1	ug/L	8/26/2016	1	n/a	ND	
GU-5	d	1,4-Dichlorobenzene	106-46-7	ug/L	8/26/2016	1	n/a	ND	
GU-5	d	Ethylbenzene	100-41-4	ug/L	8/26/2016	1	n/a	ND	
GU-5	d	2-Hexanone	591-78-6	ug/L	8/26/2016	10	n/a	ND	
GU-5	d	Bromomethane	74-83-9	ug/L	8/26/2016	4	n/a	ND	
GU-5	d	Chloromethane	74-87-3	ug/L	8/26/2016	3	n/a	ND	
GU-5	d	2-Butanone	78-93-3	ug/L	8/26/2016	10	n/a	ND	
GU-5	d	Iodomethane	74-88-4	ug/L	8/26/2016	10	n/a	ND	
GU-5	d	4-Methyl-2-pentanone	108-10-1	ug/L	8/26/2016	10	n/a	ND	
GU-5	d	Methylene Bromide	74-95-3	ug/L	8/26/2016	1	n/a	ND	
GU-5	d	Methylene Chloride	75-09-2	ug/L	8/26/2016	5	n/a	ND	
GU-5	d	Styrene	100-42-5	ug/L	8/26/2016	1	n/a	ND	
GU-5	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	8/26/2016	1	n/a	ND	
GU-5	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	8/26/2016	1	n/a	ND	
GU-5	d	Tetrachloroethene	127-18-4	ug/L	8/26/2016	1	n/a	ND	
GU-5	d	Toluene	108-88-3	ug/L	8/26/2016	1	n/a	ND	
GU-5	d	1,1,1-Trichloroethane	71-55-6	ug/L	8/26/2016	1	n/a	ND	
GU-5	d	1,1,2-Trichloroethane	79-00-5	ug/L	8/26/2016	1	n/a	ND	
GU-5	d	Trichloroethene	79-01-6	ug/L	8/26/2016	1	n/a	ND	
GU-5	d	Trichlorofluoromethane	75-69-4	ug/L	8/26/2016	4	n/a	ND	
GU-5	d	1,2,3-Trichloropropane	96-18-4	ug/L	8/26/2016	1	n/a	ND	
GU-5	d	Vinyl acetate	108-05-4	ug/L	8/26/2016	10	n/a	ND	
GU-5	d	Vinyl chloride	75-01-4	ug/L	8/26/2016	1	n/a	ND	
GU-5	d	Xylenes, total	1330-20-7	ug/L	8/26/2016	3	n/a	ND	
GU-5	d	Total Suspended Solids	TSS	mg/L	8/26/2016	n/a	n/a		52.3
GU-5BG	u	Antimony	7440-36-0	mg/L	8/26/2016	0.001	n/a	ND	
GU-5BG	u	Arsenic	7440-38-2	mg/L	8/26/2016	n/a	n/a		0.00822
GU-5BG	u	Barium	7440-39-3	mg/L	8/26/2016	n/a	n/a		0.24
GU-5BG	u	Beryllium	7440-41-7	mg/L	8/26/2016	0.001	n/a	ND	
GU-5BG	u	Cadmium	7440-43-9	mg/L	8/26/2016	n/a	n/a	J	0.000389
GU-5BG	u	Chromium	7440-47-3	mg/L	8/26/2016	0.005	n/a	ND	
GU-5BG	u	Cobalt	7440-48-4	mg/L	8/26/2016	n/a	n/a		0.00581
GU-5BG	u	Copper	7440-50-8	mg/L	8/26/2016	n/a	n/a	J	0.00128
GU-5BG	u	Lead	7439-92-1	mg/L	8/26/2016	0.0005	n/a	ND	
GU-5BG	u	Nickel	7440-02-0	mg/L	8/26/2016	n/a	n/a		0.0139
GU-5BG	u	Selenium	7782-49-2	mg/L	8/26/2016	0.005	n/a	ND	
GU-5BG	u	Silver	7440-22-4	mg/L	8/26/2016	0.001	n/a	ND	
GU-5BG	u	Thallium	7440-28-0	mg/L	8/26/2016	0.001	n/a	ND	
GU-5BG	u	Vanadium	7440-62-2	mg/L	8/26/2016	n/a	n/a	J	0.000641
GU-5BG	u	Zinc	7440-66-6	mg/L	8/26/2016	n/a	n/a		0.0156
GU-5BG	u	Acetone	67-64-1	ug/L	8/26/2016	10	n/a	ND	
GU-5BG	u	Acrylonitrile	107-13-1	ug/L	8/26/2016	10	n/a	ND	
GU-5BG	u	Benzene	71-43-2	ug/L	8/26/2016	0.5	n/a	ND	
GU-5BG	u	Bromochloromethane	74-97-5	ug/L	8/26/2016	5	n/a	ND	
GU-5BG	u	Bromodichloromethane	75-27-4	ug/L	8/26/2016	1	n/a	ND	
GU-5BG	u	Bromoform	75-25-2	ug/L	8/26/2016	5	n/a	ND	
GU-5BG	u	Carbon disulfide	75-15-0	ug/L	8/26/2016	1	n/a	ND	
GU-5BG	u	Carbon Tetrachloride	56-23-5	ug/L	8/26/2016	2	n/a	ND	
GU-5BG	u	Chlorobenzene	108-90-7	ug/L	8/26/2016	1	n/a	ND	
GU-5BG	u	Chloroethane	75-00-3	ug/L	8/26/2016	4	n/a	ND	
GU-5BG	u	Chloroform	67-66-3	ug/L	8/26/2016	1	n/a	ND	
GU-5BG	u	Chlorodibromomethane	124-48-1	ug/L	8/26/2016	5	n/a	ND	
GU-5BG	u	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	8/26/2016	0.5	n/a	ND	
GU-5BG	u	1,2-Dibromoethane [EDB]	106-93-4	ug/L	8/26/2016	0.13	n/a	ND	
GU-5BG	u	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	8/26/2016	10	n/a	ND	
GU-5BG	u	1,1-Dichloroethane	75-34-3	ug/L	8/26/2016	1	n/a	ND	
GU-5BG	u	1,2-Dichloroethane	107-06-2	ug/L	8/26/2016	1	n/a	ND	
GU-5BG	u	1,1-Dichloroethene	75-35-4	ug/L	8/26/2016	2	n/a	ND	
GU-5BG	u	cis-1,2-Dichloroethene	156-59-2	ug/L	8/26/2016	1	n/a	ND	
GU-5BG	u	trans-1,2-Dichloroethene	156-60-5	ug/L	8/26/2016	1	n/a	ND	
GU-5BG	u	1,2-Dichloropropane	78-87-5	ug/L	8/26/2016	1	n/a	ND	
GU-5BG	u	cis-1,3-Dichloropropene	10061-01-5	ug/L	8/26/2016	5	n/a	ND	
GU-5BG	u	trans-1,3-Dichloropropene	10061-02-6	ug/L	8/26/2016	5	n/a	ND	
GU-5BG	u	1,2-Dichlorobenzene	95-50-1	ug/L	8/26/2016	1	n/a	ND	
GU-5BG	u	1,4-Dichlorobenzene	106-46-7	ug/L	8/26/2016	1	n/a	ND	
GU-5BG	u	Ethylbenzene	100-41-4	ug/L	8/26/2016	1	n/a	ND	
GU-5BG	u	2-Hexanone	591-78-6	ug/L	8/26/2016	10	n/a	ND	
GU-5BG	u	Bromomethane	74-83-9	ug/L	8/26/2016	4	n/a	ND	
GU-5BG	u	Chloromethane	74-87-3	ug/L	8/26/2016	3	n/a	ND	
GU-5BG	u	2-Butanone	78-93-3	ug/L	8/26/2016	10	n/a	ND	
GU-5BG	u	Iodomethane	74-88-4	ug/L	8/26/2016	10	n/a	ND	

Table 9A
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Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
GU-5BG	u	4-Methyl-2-pentanone	108-10-1	ug/L	8/26/2016	10	n/a	ND	
GU-5BG	u	Methylene Bromide	74-95-3	ug/L	8/26/2016	1	n/a	ND	
GU-5BG	u	Methylene Chloride	75-09-2	ug/L	8/26/2016	5	n/a	ND	
GU-5BG	u	Styrene	100-42-5	ug/L	8/26/2016	1	n/a	ND	
GU-5BG	u	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	8/26/2016	1	n/a	ND	
GU-5BG	u	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	8/26/2016	1	n/a	ND	
GU-5BG	u	Tetrachloroethene	127-18-4	ug/L	8/26/2016	1	n/a	ND	
GU-5BG	u	Toluene	108-88-3	ug/L	8/26/2016	1	n/a	ND	
GU-5BG	u	1,1,1-Trichloroethane	71-55-6	ug/L	8/26/2016	1	n/a	ND	
GU-5BG	u	1,1,2-Trichloroethane	79-00-5	ug/L	8/26/2016	1	n/a	ND	
GU-5BG	u	Trichloroethene	79-01-6	ug/L	8/26/2016	1	n/a	ND	
GU-5BG	u	Trichlorofluoromethane	75-69-4	ug/L	8/26/2016	4	n/a	ND	
GU-5BG	u	1,2,3-Trichloropropane	96-18-4	ug/L	8/26/2016	1	n/a	ND	
GU-5BG	u	Vinyl acetate	108-05-4	ug/L	8/26/2016	10	n/a	ND	
GU-5BG	u	Vinyl chloride	75-01-4	ug/L	8/26/2016	1	n/a	ND	
GU-5BG	u	Xylenes, total	1330-20-7	ug/L	8/26/2016	3	n/a	ND	
GU-5BG	u	Total Suspended Solids	TSS	mg/L	8/26/2016	n/a	n/a		52.3
GU-3	d	Antimony	7440-36-0	mg/L	10/4/2016	n/a	n/a	J	0.0003
GU-3	d	Arsenic	7440-38-2	mg/L	10/4/2016	n/a	n/a	J	0.00126
GU-3	d	Barium	7440-39-3	mg/L	10/4/2016	n/a	n/a		0.0798
GU-3	d	Beryllium	7440-41-7	mg/L	10/4/2016	0.001	n/a	ND	
GU-3	d	Cadmium	7440-43-9	mg/L	10/4/2016	n/a	n/a	J	0.000233
GU-3	d	Chromium	7440-47-3	mg/L	10/4/2016	n/a	n/a	J	0.00055
GU-3	d	Cobalt	7440-48-4	mg/L	10/4/2016	n/a	n/a		0.00153
GU-3	d	Copper	7440-50-8	mg/L	10/4/2016	n/a	n/a	J	0.00151
GU-3	d	Lead	7439-92-1	mg/L	10/4/2016	n/a	n/a		0.00128
GU-3	d	Nickel	7440-02-0	mg/L	10/4/2016	n/a	n/a	J	0.0049
GU-3	d	Selenium	7782-49-2	mg/L	10/4/2016	n/a	n/a	J	0.00102
GU-3	d	Silver	7440-22-4	mg/L	10/4/2016	0.001	n/a	ND	
GU-3	d	Thallium	7440-28-0	mg/L	10/4/2016	n/a	n/a	J	0.000071
GU-3	d	Vanadium	7440-62-2	mg/L	10/4/2016	n/a	n/a	J	0.00184
GU-3	d	Zinc	7440-66-6	mg/L	10/4/2016	n/a	n/a		0.0109
GU-3	d	Acetone	67-64-1	ug/L	10/4/2016	10	n/a	ND	
GU-3	d	Acrylonitrile	107-13-1	ug/L	10/4/2016	10	n/a	ND	
GU-3	d	Benzene	71-43-2	ug/L	10/4/2016	0.5	n/a	ND	
GU-3	d	Bromochloromethane	74-97-5	ug/L	10/4/2016	5	n/a	ND	
GU-3	d	Bromodichloromethane	75-27-4	ug/L	10/4/2016	1	n/a	ND	
GU-3	d	Bromoform	75-25-2	ug/L	10/4/2016	5	n/a	ND	
GU-3	d	Carbon disulfide	75-15-0	ug/L	10/4/2016	1	n/a	ND	
GU-3	d	Carbon Tetrachloride	56-23-5	ug/L	10/4/2016	2	n/a	ND	
GU-3	d	Chlorobenzene	108-90-7	ug/L	10/4/2016	1	n/a	ND	
GU-3	d	Chloroethane	75-00-3	ug/L	10/4/2016	4	n/a	ND	
GU-3	d	Chloroform	67-66-3	ug/L	10/4/2016	1	n/a	ND	
GU-3	d	Chlorodibromomethane	124-48-1	ug/L	10/4/2016	5	n/a	ND	
GU-3	d	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	10/4/2016	0.5	n/a	ND	
GU-3	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	10/4/2016	0.13	n/a	ND	
GU-3	d	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	10/4/2016	10	n/a	ND	
GU-3	d	1,1-Dichloroethane	75-34-3	ug/L	10/4/2016	1	n/a	ND	
GU-3	d	1,2-Dichloroethane	107-06-2	ug/L	10/4/2016	1	n/a	ND	
GU-3	d	1,1-Dichloroethene	75-35-4	ug/L	10/4/2016	2	n/a	ND	
GU-3	d	cis-1,2-Dichloroethene	156-59-2	ug/L	10/4/2016	1	n/a	ND	
GU-3	d	trans-1,2-Dichloroethene	156-60-5	ug/L	10/4/2016	1	n/a	ND	
GU-3	d	1,2-Dichloropropane	78-87-5	ug/L	10/4/2016	1	n/a	ND	
GU-3	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	10/4/2016	5	n/a	ND	
GU-3	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	10/4/2016	5	n/a	ND	
GU-3	d	1,2-Dichlorobenzene	95-50-1	ug/L	10/4/2016	1	n/a	ND	
GU-3	d	1,4-Dichlorobenzene	106-46-7	ug/L	10/4/2016	1	n/a	ND	
GU-3	d	Ethylbenzene	100-41-4	ug/L	10/4/2016	1	n/a	ND	
GU-3	d	2-Hexanone	591-78-6	ug/L	10/4/2016	10	n/a	ND	
GU-3	d	Bromomethane	74-83-9	ug/L	10/4/2016	4	n/a	ND	
GU-3	d	Chloromethane	74-87-3	ug/L	10/4/2016	3	n/a	ND	
GU-3	d	2-Butanone	78-93-3	ug/L	10/4/2016	10	n/a	ND	
GU-3	d	Iodomethane	74-88-4	ug/L	10/4/2016	10	n/a	ND	
GU-3	d	4-Methyl-2-pentanone	108-10-1	ug/L	10/4/2016	10	n/a	ND	
GU-3	d	Methylene Bromide	74-95-3	ug/L	10/4/2016	1	n/a	ND	
GU-3	d	Methylene Chloride	75-09-2	ug/L	10/4/2016	n/a	n/a	J	0.25
GU-3	d	Styrene	100-42-5	ug/L	10/4/2016	1	n/a	ND	
GU-3	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	10/4/2016	1	n/a	ND	
GU-3	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	10/4/2016	1	n/a	ND	
GU-3	d	Tetrachloroethene	127-18-4	ug/L	10/4/2016	1	n/a	ND	
GU-3	d	Toluene	108-88-3	ug/L	10/4/2016	1	n/a	ND	
GU-3	d	1,1,1-Trichloroethane	71-55-6	ug/L	10/4/2016	1	n/a	ND	
GU-3	d	1,1,2-Trichloroethane	79-00-5	ug/L	10/4/2016	1	n/a	ND	
GU-3	d	Trichloroethene	79-01-6	ug/L	10/4/2016	1	n/a	ND	
GU-3	d	Trichlorofluoromethane	75-69-4	ug/L	10/4/2016	4	n/a	ND	

Table 9A
Analytical Data Summary - Phase II MSWLF
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Phase II MSWLF and CWTS
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Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
GU-3	d	1,2,3-Trichloropropane	96-18-4	ug/L	10/4/2016	1	n/a	ND	
GU-3	d	Vinyl acetate	108-05-4	ug/L	10/4/2016	10	n/a	ND	
GU-3	d	Vinyl chloride	75-01-4	ug/L	10/4/2016	1	n/a	ND	
GU-3	d	Xylenes, total	1330-20-7	ug/L	10/4/2016	3	n/a	ND	
GU-3	d	Total Suspended Solids	TSS	mg/L	10/4/2016	n/a	n/a		133
GU-4	d	Antimony	7440-36-0	mg/L	10/4/2016	0.001	n/a	ND	
GU-4	d	Arsenic	7440-38-2	mg/L	10/4/2016	n/a	n/a	J	0.00142
GU-4	d	Barium	7440-39-3	mg/L	10/4/2016	n/a	n/a		0.0906
GU-4	d	Beryllium	7440-41-7	mg/L	10/4/2016	0.001	n/a	ND	
GU-4	d	Cadmium	7440-43-9	mg/L	10/4/2016	0.0005	n/a	ND	
GU-4	d	Chromium	7440-47-3	mg/L	10/4/2016	0.005	n/a	ND	
GU-4	d	Cobalt	7440-48-4	mg/L	10/4/2016	n/a	n/a		0.0034
GU-4	d	Copper	7440-50-8	mg/L	10/4/2016	0.005	n/a	ND	
GU-4	d	Lead	7439-92-1	mg/L	10/4/2016	0.0005	n/a	ND	
GU-4	d	Nickel	7440-02-0	mg/L	10/4/2016	n/a	n/a		0.0066
GU-4	d	Selenium	7782-49-2	mg/L	10/4/2016	0.005	n/a	ND	
GU-4	d	Silver	7440-22-4	mg/L	10/4/2016	0.001	n/a	ND	
GU-4	d	Thallium	7440-28-0	mg/L	10/4/2016	n/a	n/a	J	0.000047
GU-4	d	Vanadium	7440-62-2	mg/L	10/4/2016	0.005	n/a	ND	
GU-4	d	Zinc	7440-66-6	mg/L	10/4/2016	0.01	n/a	ND	
GU-4	d	Acetone	67-64-1	ug/L	10/4/2016	n/a	n/a	J	2.06
GU-4	d	Acrylonitrile	107-13-1	ug/L	10/4/2016	10	n/a	ND	
GU-4	d	Benzene	71-43-2	ug/L	10/4/2016	n/a	n/a		0.61
GU-4	d	Bromochloromethane	74-97-5	ug/L	10/4/2016	5	n/a	ND	
GU-4	d	Bromodichloromethane	75-27-4	ug/L	10/4/2016	1	n/a	ND	
GU-4	d	Bromoform	75-25-2	ug/L	10/4/2016	5	n/a	ND	
GU-4	d	Carbon disulfide	75-15-0	ug/L	10/4/2016	1	n/a	ND	
GU-4	d	Carbon Tetrachloride	56-23-5	ug/L	10/4/2016	2	n/a	ND	
GU-4	d	Chlorobenzene	108-90-7	ug/L	10/4/2016	1	n/a	ND	
GU-4	d	Chloroethane	75-00-3	ug/L	10/4/2016	4	n/a	ND	
GU-4	d	Chloroform	67-66-3	ug/L	10/4/2016	1	n/a	ND	
GU-4	d	Chlorodibromomethane	124-48-1	ug/L	10/4/2016	5	n/a	ND	
GU-4	d	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	10/4/2016	0.5	n/a	ND	
GU-4	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	10/4/2016	0.13	n/a	ND	
GU-4	d	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	10/4/2016	10	n/a	ND	
GU-4	d	1,1-Dichloroethane	75-34-3	ug/L	10/4/2016	n/a	n/a	J	0.523
GU-4	d	1,2-Dichloroethane	107-06-2	ug/L	10/4/2016	n/a	n/a	J	0.676
GU-4	d	1,1-Dichloroethene	75-35-4	ug/L	10/4/2016	2	n/a	ND	
GU-4	d	cis-1,2-Dichloroethene	156-59-2	ug/L	10/4/2016	n/a	n/a	J	0.835
GU-4	d	trans-1,2-Dichloroethene	156-60-5	ug/L	10/4/2016	1	n/a	ND	
GU-4	d	1,2-Dichloropropane	78-87-5	ug/L	10/4/2016	1	n/a	ND	
GU-4	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	10/4/2016	5	n/a	ND	
GU-4	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	10/4/2016	5	n/a	ND	
GU-4	d	1,2-Dichlorobenzene	95-50-1	ug/L	10/4/2016	1	n/a	ND	
GU-4	d	1,4-Dichlorobenzene	106-46-7	ug/L	10/4/2016	1	n/a	ND	
GU-4	d	Ethylbenzene	100-41-4	ug/L	10/4/2016	1	n/a	ND	
GU-4	d	2-Hexanone	591-78-6	ug/L	10/4/2016	10	n/a	ND	
GU-4	d	Bromomethane	74-83-9	ug/L	10/4/2016	4	n/a	ND	
GU-4	d	Chloromethane	74-87-3	ug/L	10/4/2016	3	n/a	ND	
GU-4	d	2-Butanone	78-93-3	ug/L	10/4/2016	10	n/a	ND	
GU-4	d	Iodomethane	74-88-4	ug/L	10/4/2016	10	n/a	ND	
GU-4	d	4-Methyl-2-pentanone	108-10-1	ug/L	10/4/2016	10	n/a	ND	
GU-4	d	Methylene Bromide	74-95-3	ug/L	10/4/2016	1	n/a	ND	
GU-4	d	Methylene Chloride	75-09-2	ug/L	10/4/2016	n/a	n/a	J	0.436
GU-4	d	Styrene	100-42-5	ug/L	10/4/2016	1	n/a	ND	
GU-4	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	10/4/2016	1	n/a	ND	
GU-4	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	10/4/2016	1	n/a	ND	
GU-4	d	Tetrachloroethene	127-18-4	ug/L	10/4/2016	1	n/a	ND	
GU-4	d	Toluene	108-88-3	ug/L	10/4/2016	1	n/a	ND	
GU-4	d	1,1,1-Trichloroethane	71-55-6	ug/L	10/4/2016	1	n/a	ND	
GU-4	d	1,1,2-Trichloroethane	79-00-5	ug/L	10/4/2016	1	n/a	ND	
GU-4	d	Trichloroethene	79-01-6	ug/L	10/4/2016	1	n/a	ND	
GU-4	d	Trichlorofluoromethane	75-69-4	ug/L	10/4/2016	4	n/a	ND	
GU-4	d	1,2,3-Trichloropropane	96-18-4	ug/L	10/4/2016	1	n/a	ND	
GU-4	d	Vinyl acetate	108-05-4	ug/L	10/4/2016	10	n/a	ND	
GU-4	d	Vinyl chloride	75-01-4	ug/L	10/4/2016	n/a	n/a	J	0.459
GU-4	d	Xylenes, total	1330-20-7	ug/L	10/4/2016	3	n/a	ND	
GU-4	d	Total Suspended Solids	TSS	mg/L	10/4/2016	n/a	n/a		3.87
GU-5	d	Antimony	7440-36-0	mg/L	10/4/2016	0.001	n/a	ND	
GU-5	d	Arsenic	7440-38-2	mg/L	10/4/2016	n/a	n/a	J	0.00136
GU-5	d	Barium	7440-39-3	mg/L	10/4/2016	n/a	n/a		0.204
GU-5	d	Beryllium	7440-41-7	mg/L	10/4/2016	0.001	n/a	ND	
GU-5	d	Cadmium	7440-43-9	mg/L	10/4/2016	n/a	n/a	J	0.000226
GU-5	d	Chromium	7440-47-3	mg/L	10/4/2016	0.005	n/a	ND	
GU-5	d	Cobalt	7440-48-4	mg/L	10/4/2016	n/a	n/a		0.0019

Table 9A
Analytical Data Summary - Phase II MSWLF
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Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
GU-5	d	Copper	7440-50-8	mg/L	10/4/2016	0.005	n/a	ND	
GU-5	d	Lead	7439-92-1	mg/L	10/4/2016	0.0005	n/a	ND	
GU-5	d	Nickel	7440-02-0	mg/L	10/4/2016	n/a	n/a		0.0102
GU-5	d	Selenium	7782-49-2	mg/L	10/4/2016	0.005	n/a	ND	
GU-5	d	Silver	7440-22-4	mg/L	10/4/2016	0.001	n/a	ND	
GU-5	d	Thallium	7440-28-0	mg/L	10/4/2016	n/a	n/a	J	0.000037
GU-5	d	Vanadium	7440-62-2	mg/L	10/4/2016	0.005	n/a	ND	
GU-5	d	Zinc	7440-66-6	mg/L	10/4/2016	0.01	n/a	ND	
GU-5	d	Acetone	67-64-1	ug/L	10/4/2016	n/a	n/a	J	1.79
GU-5	d	Acrylonitrile	107-13-1	ug/L	10/4/2016	10	n/a	ND	
GU-5	d	Benzene	71-43-2	ug/L	10/4/2016	0.5	n/a	ND	
GU-5	d	Bromochloromethane	74-97-5	ug/L	10/4/2016	5	n/a	ND	
GU-5	d	Bromodichloromethane	75-27-4	ug/L	10/4/2016	1	n/a	ND	
GU-5	d	Bromoform	75-25-2	ug/L	10/4/2016	5	n/a	ND	
GU-5	d	Carbon disulfide	75-15-0	ug/L	10/4/2016	1	n/a	ND	
GU-5	d	Carbon Tetrachloride	56-23-5	ug/L	10/4/2016	2	n/a	ND	
GU-5	d	Chlorobenzene	108-90-7	ug/L	10/4/2016	1	n/a	ND	
GU-5	d	Chloroethane	75-00-3	ug/L	10/4/2016	4	n/a	ND	
GU-5	d	Chloroform	67-66-3	ug/L	10/4/2016	1	n/a	ND	
GU-5	d	Chlorodibromomethane	124-48-1	ug/L	10/4/2016	5	n/a	ND	
GU-5	d	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	10/4/2016	0.5	n/a	ND	
GU-5	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	10/4/2016	0.13	n/a	ND	
GU-5	d	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	10/4/2016	10	n/a	ND	
GU-5	d	1,1-Dichloroethane	75-34-3	ug/L	10/4/2016	1	n/a	ND	
GU-5	d	1,2-Dichloroethane	107-06-2	ug/L	10/4/2016	1	n/a	ND	
GU-5	d	1,1-Dichloroethene	75-35-4	ug/L	10/4/2016	2	n/a	ND	
GU-5	d	cis-1,2-Dichloroethene	156-59-2	ug/L	10/4/2016	1	n/a	ND	
GU-5	d	trans-1,2-Dichloroethene	156-60-5	ug/L	10/4/2016	1	n/a	ND	
GU-5	d	1,2-Dichloropropane	78-87-5	ug/L	10/4/2016	1	n/a	ND	
GU-5	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	10/4/2016	5	n/a	ND	
GU-5	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	10/4/2016	5	n/a	ND	
GU-5	d	1,2-Dichlorobenzene	95-50-1	ug/L	10/4/2016	1	n/a	ND	
GU-5	d	1,4-Dichlorobenzene	106-46-7	ug/L	10/4/2016	1	n/a	ND	
GU-5	d	Ethylbenzene	100-41-4	ug/L	10/4/2016	1	n/a	ND	
GU-5	d	2-Hexanone	591-78-6	ug/L	10/4/2016	10	n/a	ND	
GU-5	d	Bromomethane	74-83-9	ug/L	10/4/2016	n/a	n/a	J	0.311
GU-5	d	Chloromethane	74-87-3	ug/L	10/4/2016	3	n/a	ND	
GU-5	d	2-Butanone	78-93-3	ug/L	10/4/2016	10	n/a	ND	
GU-5	d	Iodomethane	74-88-4	ug/L	10/4/2016	10	n/a	ND	
GU-5	d	4-Methyl-2-pentanone	108-10-1	ug/L	10/4/2016	10	n/a	ND	
GU-5	d	Methylene Bromide	74-95-3	ug/L	10/4/2016	1	n/a	ND	
GU-5	d	Methylene Chloride	75-09-2	ug/L	10/4/2016	n/a	n/a	J	0.284
GU-5	d	Styrene	100-42-5	ug/L	10/4/2016	1	n/a	ND	
GU-5	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	10/4/2016	1	n/a	ND	
GU-5	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	10/4/2016	1	n/a	ND	
GU-5	d	Tetrachloroethene	127-18-4	ug/L	10/4/2016	1	n/a	ND	
GU-5	d	Toluene	108-88-3	ug/L	10/4/2016	1	n/a	ND	
GU-5	d	1,1,1-Trichloroethane	71-55-6	ug/L	10/4/2016	1	n/a	ND	
GU-5	d	1,1,2-Trichloroethane	79-00-5	ug/L	10/4/2016	1	n/a	ND	
GU-5	d	Trichloroethene	79-01-6	ug/L	10/4/2016	1	n/a	ND	
GU-5	d	Trichlorofluoromethane	75-69-4	ug/L	10/4/2016	4	n/a	ND	
GU-5	d	1,2,3-Trichloropropane	96-18-4	ug/L	10/4/2016	1	n/a	ND	
GU-5	d	Vinyl acetate	108-05-4	ug/L	10/4/2016	10	n/a	ND	
GU-5	d	Vinyl chloride	75-01-4	ug/L	10/4/2016	1	n/a	ND	
GU-5	d	Xylenes, total	1330-20-7	ug/L	10/4/2016	3	n/a	ND	
GU-5	d	Total Suspended Solids	TSS	mg/L	10/4/2016	n/a	n/a		13
GU-5BG	u	Antimony	7440-36-0	mg/L	10/4/2016	0.001	n/a	ND	
GU-5BG	u	Arsenic	7440-38-2	mg/L	10/4/2016	n/a	n/a	J	0.00136
GU-5BG	u	Barium	7440-39-3	mg/L	10/4/2016	n/a	n/a		0.204
GU-5BG	u	Beryllium	7440-41-7	mg/L	10/4/2016	0.001	n/a	ND	
GU-5BG	u	Cadmium	7440-43-9	mg/L	10/4/2016	n/a	n/a	J	0.000226
GU-5BG	u	Chromium	7440-47-3	mg/L	10/4/2016	0.005	n/a	ND	
GU-5BG	u	Cobalt	7440-48-4	mg/L	10/4/2016	n/a	n/a		0.0019
GU-5BG	u	Copper	7440-50-8	mg/L	10/4/2016	0.005	n/a	ND	
GU-5BG	u	Lead	7439-92-1	mg/L	10/4/2016	0.0005	n/a	ND	
GU-5BG	u	Nickel	7440-02-0	mg/L	10/4/2016	n/a	n/a		0.0102
GU-5BG	u	Selenium	7782-49-2	mg/L	10/4/2016	0.005	n/a	ND	
GU-5BG	u	Silver	7440-22-4	mg/L	10/4/2016	0.001	n/a	ND	
GU-5BG	u	Thallium	7440-28-0	mg/L	10/4/2016	n/a	n/a	J	0.000037
GU-5BG	u	Vanadium	7440-62-2	mg/L	10/4/2016	0.005	n/a	ND	
GU-5BG	u	Zinc	7440-66-6	mg/L	10/4/2016	0.01	n/a	ND	
GU-5BG	u	Acetone	67-64-1	ug/L	10/4/2016	n/a	n/a	J	1.79
GU-5BG	u	Acrylonitrile	107-13-1	ug/L	10/4/2016	10	n/a	ND	
GU-5BG	u	Benzene	71-43-2	ug/L	10/4/2016	0.5	n/a	ND	
GU-5BG	u	Bromochloromethane	74-97-5	ug/L	10/4/2016	5	n/a	ND	

Table 9A
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Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
GU-5BG	u	Bromodichloromethane	75-27-4	ug/L	10/4/2016	1	n/a	ND	
GU-5BG	u	Bromoform	75-25-2	ug/L	10/4/2016	5	n/a	ND	
GU-5BG	u	Carbon disulfide	75-15-0	ug/L	10/4/2016	1	n/a	ND	
GU-5BG	u	Carbon Tetrachloride	56-23-5	ug/L	10/4/2016	2	n/a	ND	
GU-5BG	u	Chlorobenzene	108-90-7	ug/L	10/4/2016	1	n/a	ND	
GU-5BG	u	Chloroethane	75-00-3	ug/L	10/4/2016	4	n/a	ND	
GU-5BG	u	Chloroform	67-66-3	ug/L	10/4/2016	1	n/a	ND	
GU-5BG	u	Chlorodibromomethane	124-48-1	ug/L	10/4/2016	5	n/a	ND	
GU-5BG	u	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	10/4/2016	0.5	n/a	ND	
GU-5BG	u	1,2-Dibromoethane [EDB]	106-93-4	ug/L	10/4/2016	0.13	n/a	ND	
GU-5BG	u	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	10/4/2016	10	n/a	ND	
GU-5BG	u	1,1-Dichloroethane	75-34-3	ug/L	10/4/2016	1	n/a	ND	
GU-5BG	u	1,2-Dichloroethane	107-06-2	ug/L	10/4/2016	1	n/a	ND	
GU-5BG	u	1,1-Dichloroethene	75-35-4	ug/L	10/4/2016	2	n/a	ND	
GU-5BG	u	cis-1,2-Dichloroethene	156-59-2	ug/L	10/4/2016	1	n/a	ND	
GU-5BG	u	trans-1,2-Dichloroethene	156-60-5	ug/L	10/4/2016	1	n/a	ND	
GU-5BG	u	1,2-Dichloropropane	78-87-5	ug/L	10/4/2016	1	n/a	ND	
GU-5BG	u	cis-1,3-Dichloropropene	10061-01-5	ug/L	10/4/2016	5	n/a	ND	
GU-5BG	u	trans-1,3-Dichloropropene	10061-02-6	ug/L	10/4/2016	5	n/a	ND	
GU-5BG	u	1,2-Dichlorobenzene	95-50-1	ug/L	10/4/2016	1	n/a	ND	
GU-5BG	u	1,4-Dichlorobenzene	106-46-7	ug/L	10/4/2016	1	n/a	ND	
GU-5BG	u	Ethylbenzene	100-41-4	ug/L	10/4/2016	1	n/a	ND	
GU-5BG	u	2-Hexanone	591-78-6	ug/L	10/4/2016	10	n/a	ND	
GU-5BG	u	Bromomethane	74-83-9	ug/L	10/4/2016	n/a	n/a	J	0.311
GU-5BG	u	Chloromethane	74-87-3	ug/L	10/4/2016	3	n/a	ND	
GU-5BG	u	2-Butanone	78-93-3	ug/L	10/4/2016	10	n/a	ND	
GU-5BG	u	Iodomethane	74-88-4	ug/L	10/4/2016	10	n/a	ND	
GU-5BG	u	4-Methyl-2-pentanone	108-10-1	ug/L	10/4/2016	10	n/a	ND	
GU-5BG	u	Methylene Bromide	74-95-3	ug/L	10/4/2016	1	n/a	ND	
GU-5BG	u	Methylene Chloride	75-09-2	ug/L	10/4/2016	n/a	n/a	J	0.284
GU-5BG	u	Styrene	100-42-5	ug/L	10/4/2016	1	n/a	ND	
GU-5BG	u	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	10/4/2016	1	n/a	ND	
GU-5BG	u	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	10/4/2016	1	n/a	ND	
GU-5BG	u	Tetrachloroethene	127-18-4	ug/L	10/4/2016	1	n/a	ND	
GU-5BG	u	Toluene	108-88-3	ug/L	10/4/2016	1	n/a	ND	
GU-5BG	u	1,1,1-Trichloroethane	71-55-6	ug/L	10/4/2016	1	n/a	ND	
GU-5BG	u	1,1,2-Trichloroethane	79-00-5	ug/L	10/4/2016	1	n/a	ND	
GU-5BG	u	Trichloroethene	79-01-6	ug/L	10/4/2016	1	n/a	ND	
GU-5BG	u	Trichlorofluoromethane	75-69-4	ug/L	10/4/2016	4	n/a	ND	
GU-5BG	u	1,2,3-Trichloropropane	96-18-4	ug/L	10/4/2016	1	n/a	ND	
GU-5BG	u	Vinyl acetate	108-05-4	ug/L	10/4/2016	10	n/a	ND	
GU-5BG	u	Vinyl chloride	75-01-4	ug/L	10/4/2016	1	n/a	ND	
GU-5BG	u	Xylenes, total	1330-20-7	ug/L	10/4/2016	3	n/a	ND	
GU-5BG	u	Total Suspended Solids	TSS	mg/L	10/4/2016	n/a	n/a		13
MW-26	u	Antimony	7440-36-0	mg/L	10/4/2016	0.001	n/a	ND	
MW-26	u	Arsenic	7440-38-2	mg/L	10/4/2016	0.002	n/a	ND	
MW-26	u	Barium	7440-39-3	mg/L	10/4/2016	n/a	n/a		0.0628
MW-26	u	Beryllium	7440-41-7	mg/L	10/4/2016	0.001	n/a	ND	
MW-26	u	Cadmium	7440-43-9	mg/L	10/4/2016	0.0005	n/a	ND	
MW-26	u	Chromium	7440-47-3	mg/L	10/4/2016	n/a	n/a		0.00901
MW-26	u	Cobalt	7440-48-4	mg/L	10/4/2016	n/a	n/a	J	0.000046
MW-26	u	Copper	7440-50-8	mg/L	10/4/2016	0.005	n/a	ND	
MW-26	u	Lead	7439-92-1	mg/L	10/4/2016	0.0005	n/a	ND	
MW-26	u	Nickel	7440-02-0	mg/L	10/4/2016	0.005	n/a	ND	
MW-26	u	Selenium	7782-49-2	mg/L	10/4/2016	n/a	n/a		0.0747
MW-26	u	Silver	7440-22-4	mg/L	10/4/2016	0.001	n/a	ND	
MW-26	u	Thallium	7440-28-0	mg/L	10/4/2016	0.001	n/a	ND	
MW-26	u	Vanadium	7440-62-2	mg/L	10/4/2016	n/a	n/a	J	0.000923
MW-26	u	Zinc	7440-66-6	mg/L	10/4/2016	0.01	n/a	ND	
MW-26	u	Acetone	67-64-1	ug/L	10/4/2016	10	n/a	ND	
MW-26	u	Acrylonitrile	107-13-1	ug/L	10/4/2016	10	n/a	ND	
MW-26	u	Benzene	71-43-2	ug/L	10/4/2016	0.5	n/a	ND	
MW-26	u	Bromochloromethane	74-97-5	ug/L	10/4/2016	5	n/a	ND	
MW-26	u	Bromodichloromethane	75-27-4	ug/L	10/4/2016	1	n/a	ND	
MW-26	u	Bromoform	75-25-2	ug/L	10/4/2016	5	n/a	ND	
MW-26	u	Carbon disulfide	75-15-0	ug/L	10/4/2016	1	n/a	ND	
MW-26	u	Carbon Tetrachloride	56-23-5	ug/L	10/4/2016	2	n/a	ND	
MW-26	u	Chlorobenzene	108-90-7	ug/L	10/4/2016	1	n/a	ND	
MW-26	u	Chloroethane	75-00-3	ug/L	10/4/2016	4	n/a	ND	
MW-26	u	Chloroform	67-66-3	ug/L	10/4/2016	1	n/a	ND	
MW-26	u	Chlorodibromomethane	124-48-1	ug/L	10/4/2016	5	n/a	ND	
MW-26	u	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	10/4/2016	0.5	n/a	ND	
MW-26	u	1,2-Dibromoethane [EDB]	106-93-4	ug/L	10/4/2016	0.13	n/a	ND	
MW-26	u	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	10/4/2016	10	n/a	ND	
MW-26	u	1,1-Dichloroethane	75-34-3	ug/L	10/4/2016	1	n/a	ND	

Table 9A
Analytical Data Summary - Phase II MSWLF
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Phase II MSWLF and CWTS
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-26	u	1,2-Dichloroethane	107-06-2	ug/L	10/4/2016	1	n/a	ND	
MW-26	u	1,1-Dichloroethene	75-35-4	ug/L	10/4/2016	2	n/a	ND	
MW-26	u	cis-1,2-Dichloroethene	156-59-2	ug/L	10/4/2016	1	n/a	ND	
MW-26	u	trans-1,2-Dichloroethene	156-60-5	ug/L	10/4/2016	1	n/a	ND	
MW-26	u	1,2-Dichloropropane	78-87-5	ug/L	10/4/2016	1	n/a	ND	
MW-26	u	cis-1,3-Dichloropropene	10061-01-5	ug/L	10/4/2016	5	n/a	ND	
MW-26	u	trans-1,3-Dichloropropene	10061-02-6	ug/L	10/4/2016	5	n/a	ND	
MW-26	u	1,2-Dichlorobenzene	95-50-1	ug/L	10/4/2016	1	n/a	ND	
MW-26	u	1,4-Dichlorobenzene	106-46-7	ug/L	10/4/2016	1	n/a	ND	
MW-26	u	Ethylbenzene	100-41-4	ug/L	10/4/2016	1	n/a	ND	
MW-26	u	2-Hexanone	591-78-6	ug/L	10/4/2016	10	n/a	ND	
MW-26	u	Bromomethane	74-83-9	ug/L	10/4/2016	4	n/a	ND	
MW-26	u	Chloromethane	74-87-3	ug/L	10/4/2016	3	n/a	ND	
MW-26	u	2-Butanone	78-93-3	ug/L	10/4/2016	10	n/a	ND	
MW-26	u	Iodomethane	74-88-4	ug/L	10/4/2016	10	n/a	ND	
MW-26	u	4-Methyl-2-pentanone	108-10-1	ug/L	10/4/2016	10	n/a	ND	
MW-26	u	Methylene Bromide	74-95-3	ug/L	10/4/2016	1	n/a	ND	
MW-26	u	Methylene Chloride	75-09-2	ug/L	10/4/2016	5	n/a	ND	
MW-26	u	Styrene	100-42-5	ug/L	10/4/2016	1	n/a	ND	
MW-26	u	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	10/4/2016	1	n/a	ND	
MW-26	u	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	10/4/2016	1	n/a	ND	
MW-26	u	Tetrachloroethene	127-18-4	ug/L	10/4/2016	1	n/a	ND	
MW-26	u	Toluene	108-88-3	ug/L	10/4/2016	1	n/a	ND	
MW-26	u	1,1,1-Trichloroethane	71-55-6	ug/L	10/4/2016	1	n/a	ND	
MW-26	u	1,1,2-Trichloroethane	79-00-5	ug/L	10/4/2016	1	n/a	ND	
MW-26	u	Trichloroethene	79-01-6	ug/L	10/4/2016	1	n/a	ND	
MW-26	u	Trichlorofluoromethane	75-69-4	ug/L	10/4/2016	4	n/a	ND	
MW-26	u	1,2,3-Trichloropropane	96-18-4	ug/L	10/4/2016	1	n/a	ND	
MW-26	u	Vinyl acetate	108-05-4	ug/L	10/4/2016	10	n/a	ND	
MW-26	u	Vinyl chloride	75-01-4	ug/L	10/4/2016	1	n/a	ND	
MW-26	u	Xylenes, total	1330-20-7	ug/L	10/4/2016	3	n/a	ND	
MW-26	u	Total Suspended Solids	TSS	mg/L	10/4/2016	n/a	n/a		2.13
MW-67	d	Antimony	7440-36-0	mg/L	10/4/2016	n/a	n/a	J	0.000263
MW-67	d	Arsenic	7440-38-2	mg/L	10/4/2016	0.002	n/a	ND	
MW-67	d	Barium	7440-39-3	mg/L	10/4/2016	n/a	n/a		0.0443
MW-67	d	Beryllium	7440-41-7	mg/L	10/4/2016	0.001	n/a	ND	
MW-67	d	Cadmium	7440-43-9	mg/L	10/4/2016	n/a	n/a	J	0.000116
MW-67	d	Chromium	7440-47-3	mg/L	10/4/2016	0.005	n/a	ND	
MW-67	d	Cobalt	7440-48-4	mg/L	10/4/2016	n/a	n/a	J	0.000138
MW-67	d	Copper	7440-50-8	mg/L	10/4/2016	0.005	n/a	ND	
MW-67	d	Lead	7439-92-1	mg/L	10/4/2016	0.0005	n/a	ND	
MW-67	d	Nickel	7440-02-0	mg/L	10/4/2016	n/a	n/a		0.00732
MW-67	d	Selenium	7782-49-2	mg/L	10/4/2016	0.005	n/a	ND	
MW-67	d	Silver	7440-22-4	mg/L	10/4/2016	0.001	n/a	ND	
MW-67	d	Thallium	7440-28-0	mg/L	10/4/2016	n/a	n/a	J	0.000026
MW-67	d	Vanadium	7440-62-2	mg/L	10/4/2016	n/a	n/a	J	0.000272
MW-67	d	Zinc	7440-66-6	mg/L	10/4/2016	0.01	n/a	ND	
MW-67	d	Acetone	67-64-1	ug/L	10/4/2016	10	n/a	ND	
MW-67	d	Acrylonitrile	107-13-1	ug/L	10/4/2016	10	n/a	ND	
MW-67	d	Benzene	71-43-2	ug/L	10/4/2016	0.5	n/a	ND	
MW-67	d	Bromochloromethane	74-97-5	ug/L	10/4/2016	5	n/a	ND	
MW-67	d	Bromodichloromethane	75-27-4	ug/L	10/4/2016	1	n/a	ND	
MW-67	d	Bromoform	75-25-2	ug/L	10/4/2016	5	n/a	ND	
MW-67	d	Carbon disulfide	75-15-0	ug/L	10/4/2016	1	n/a	ND	
MW-67	d	Carbon Tetrachloride	56-23-5	ug/L	10/4/2016	2	n/a	ND	
MW-67	d	Chlorobenzene	108-90-7	ug/L	10/4/2016	1	n/a	ND	
MW-67	d	Chloroethane	75-00-3	ug/L	10/4/2016	4	n/a	ND	
MW-67	d	Chloroform	67-66-3	ug/L	10/4/2016	1	n/a	ND	
MW-67	d	Chlorodibromomethane	124-48-1	ug/L	10/4/2016	5	n/a	ND	
MW-67	d	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	10/4/2016	0.5	n/a	ND	
MW-67	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	10/4/2016	0.13	n/a	ND	
MW-67	d	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	10/4/2016	10	n/a	ND	
MW-67	d	1,1-Dichloroethane	75-34-3	ug/L	10/4/2016	1	n/a	ND	
MW-67	d	1,2-Dichloroethane	107-06-2	ug/L	10/4/2016	1	n/a	ND	
MW-67	d	1,1-Dichloroethene	75-35-4	ug/L	10/4/2016	2	n/a	ND	
MW-67	d	cis-1,2-Dichloroethene	156-59-2	ug/L	10/4/2016	1	n/a	ND	
MW-67	d	trans-1,2-Dichloroethene	156-60-5	ug/L	10/4/2016	1	n/a	ND	
MW-67	d	1,2-Dichloropropane	78-87-5	ug/L	10/4/2016	1	n/a	ND	
MW-67	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	10/4/2016	5	n/a	ND	
MW-67	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	10/4/2016	5	n/a	ND	
MW-67	d	1,2-Dichlorobenzene	95-50-1	ug/L	10/4/2016	1	n/a	ND	
MW-67	d	1,4-Dichlorobenzene	106-46-7	ug/L	10/4/2016	1	n/a	ND	
MW-67	d	Ethylbenzene	100-41-4	ug/L	10/4/2016	1	n/a	ND	
MW-67	d	2-Hexanone	591-78-6	ug/L	10/4/2016	10	n/a	ND	
MW-67	d	Bromomethane	74-83-9	ug/L	10/4/2016	4	n/a	ND	

Table 9A
Analytical Data Summary - Phase II MSWLF
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Phase II MSWLF and CWTS
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-67	d	Chloromethane	74-87-3	ug/L	10/4/2016	3	n/a	ND	
MW-67	d	2-Butanone	78-93-3	ug/L	10/4/2016	10	n/a	ND	
MW-67	d	Iodomethane	74-88-4	ug/L	10/4/2016	10	n/a	ND	
MW-67	d	4-Methyl-2-pentanone	108-10-1	ug/L	10/4/2016	10	n/a	ND	
MW-67	d	Methylene Bromide	74-95-3	ug/L	10/4/2016	1	n/a	ND	
MW-67	d	Methylene Chloride	75-09-2	ug/L	10/4/2016	5	n/a	ND	
MW-67	d	Styrene	100-42-5	ug/L	10/4/2016	1	n/a	ND	
MW-67	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	10/4/2016	1	n/a	ND	
MW-67	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	10/4/2016	1	n/a	ND	
MW-67	d	Tetrachloroethene	127-18-4	ug/L	10/4/2016	1	n/a	ND	
MW-67	d	Toluene	108-88-3	ug/L	10/4/2016	1	n/a	ND	
MW-67	d	1,1,1-Trichloroethane	71-55-6	ug/L	10/4/2016	1	n/a	ND	
MW-67	d	1,1,2-Trichloroethane	79-00-5	ug/L	10/4/2016	1	n/a	ND	
MW-67	d	Trichloroethene	79-01-6	ug/L	10/4/2016	1	n/a	ND	
MW-67	d	Trichlorofluoromethane	75-69-4	ug/L	10/4/2016	4	n/a	ND	
MW-67	d	1,2,3-Trichloropropane	96-18-4	ug/L	10/4/2016	1	n/a	ND	
MW-67	d	Vinyl acetate	108-05-4	ug/L	10/4/2016	10	n/a	ND	
MW-67	d	Vinyl chloride	75-01-4	ug/L	10/4/2016	1	n/a	ND	
MW-67	d	Xylenes, total	1330-20-7	ug/L	10/4/2016	3	n/a	ND	
MW-67	d	Total Suspended Solids	TSS	mg/L	10/4/2016	n/a	n/a	J	1.13
MW-B	d	Antimony	7440-36-0	mg/L	10/4/2016	0.001	n/a	ND	
MW-B	d	Arsenic	7440-38-2	mg/L	10/4/2016	n/a	n/a	J	0.000941
MW-B	d	Barium	7440-39-3	mg/L	10/4/2016	n/a	n/a		0.0521
MW-B	d	Beryllium	7440-41-7	mg/L	10/4/2016	0.001	n/a	ND	
MW-B	d	Cadmium	7440-43-9	mg/L	10/4/2016	0.0005	n/a	ND	
MW-B	d	Chromium	7440-47-3	mg/L	10/4/2016	0.005	n/a	ND	
MW-B	d	Cobalt	7440-48-4	mg/L	10/4/2016	n/a	n/a		0.00739
MW-B	d	Copper	7440-50-8	mg/L	10/4/2016	0.005	n/a	ND	
MW-B	d	Lead	7439-92-1	mg/L	10/4/2016	n/a	n/a	J	0.000315
MW-B	d	Nickel	7440-02-0	mg/L	10/4/2016	n/a	n/a		0.006
MW-B	d	Selenium	7782-49-2	mg/L	10/4/2016	0.005	n/a	ND	
MW-B	d	Silver	7440-22-4	mg/L	10/4/2016	0.001	n/a	ND	
MW-B	d	Thallium	7440-28-0	mg/L	10/4/2016	0.001	n/a	ND	
MW-B	d	Vanadium	7440-62-2	mg/L	10/4/2016	n/a	n/a	J	0.000369
MW-B	d	Zinc	7440-66-6	mg/L	10/4/2016	n/a	n/a	J	0.00605
MW-B	d	Acetone	67-64-1	ug/L	10/4/2016	10	n/a	ND	
MW-B	d	Acrylonitrile	107-13-1	ug/L	10/4/2016	10	n/a	ND	
MW-B	d	Benzene	71-43-2	ug/L	10/4/2016	0.5	n/a	ND	
MW-B	d	Bromochloromethane	74-97-5	ug/L	10/4/2016	5	n/a	ND	
MW-B	d	Bromodichloromethane	75-27-4	ug/L	10/4/2016	1	n/a	ND	
MW-B	d	Bromoform	75-25-2	ug/L	10/4/2016	5	n/a	ND	
MW-B	d	Carbon disulfide	75-15-0	ug/L	10/4/2016	1	n/a	ND	
MW-B	d	Carbon Tetrachloride	56-23-5	ug/L	10/4/2016	2	n/a	ND	
MW-B	d	Chlorobenzene	108-90-7	ug/L	10/4/2016	1	n/a	ND	
MW-B	d	Chloroethane	75-00-3	ug/L	10/4/2016	4	n/a	ND	
MW-B	d	Chloroform	67-66-3	ug/L	10/4/2016	1	n/a	ND	
MW-B	d	Chlorodibromomethane	124-48-1	ug/L	10/4/2016	5	n/a	ND	
MW-B	d	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	10/4/2016	0.5	n/a	ND	
MW-B	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	10/4/2016	0.13	n/a	ND	
MW-B	d	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	10/4/2016	10	n/a	ND	
MW-B	d	1,1-Dichloroethane	75-34-3	ug/L	10/4/2016	1	n/a	ND	
MW-B	d	1,2-Dichloroethane	107-06-2	ug/L	10/4/2016	1	n/a	ND	
MW-B	d	1,1-Dichloroethene	75-35-4	ug/L	10/4/2016	2	n/a	ND	
MW-B	d	cis-1,2-Dichloroethene	156-59-2	ug/L	10/4/2016	1	n/a	ND	
MW-B	d	trans-1,2-Dichloroethene	156-60-5	ug/L	10/4/2016	1	n/a	ND	
MW-B	d	1,2-Dichloropropane	78-87-5	ug/L	10/4/2016	1	n/a	ND	
MW-B	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	10/4/2016	5	n/a	ND	
MW-B	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	10/4/2016	5	n/a	ND	
MW-B	d	1,2-Dichlorobenzene	95-50-1	ug/L	10/4/2016	1	n/a	ND	
MW-B	d	1,4-Dichlorobenzene	106-46-7	ug/L	10/4/2016	1	n/a	ND	
MW-B	d	Ethylbenzene	100-41-4	ug/L	10/4/2016	1	n/a	ND	
MW-B	d	2-Hexanone	591-78-6	ug/L	10/4/2016	10	n/a	ND	
MW-B	d	Bromomethane	74-83-9	ug/L	10/4/2016	4	n/a	ND	
MW-B	d	Chloromethane	74-87-3	ug/L	10/4/2016	3	n/a	ND	
MW-B	d	2-Butanone	78-93-3	ug/L	10/4/2016	10	n/a	ND	
MW-B	d	Iodomethane	74-88-4	ug/L	10/4/2016	10	n/a	ND	
MW-B	d	4-Methyl-2-pentanone	108-10-1	ug/L	10/4/2016	10	n/a	ND	
MW-B	d	Methylene Bromide	74-95-3	ug/L	10/4/2016	1	n/a	ND	
MW-B	d	Methylene Chloride	75-09-2	ug/L	10/4/2016	5	n/a	ND	
MW-B	d	Styrene	100-42-5	ug/L	10/4/2016	1	n/a	ND	
MW-B	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	10/4/2016	1	n/a	ND	
MW-B	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	10/4/2016	1	n/a	ND	
MW-B	d	Tetrachloroethene	127-18-4	ug/L	10/4/2016	1	n/a	ND	
MW-B	d	Toluene	108-88-3	ug/L	10/4/2016	1	n/a	ND	
MW-B	d	1,1,1-Trichloroethane	71-55-6	ug/L	10/4/2016	1	n/a	ND	

Table 9A
Analytical Data Summary - Phase II MSWLF
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Phase II MSWLF and CWTS
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Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-B	d	1,1,2-Trichloroethane	79-00-5	ug/L	10/4/2016	1	n/a	ND	
MW-B	d	Trichloroethene	79-01-6	ug/L	10/4/2016	1	n/a	ND	
MW-B	d	Trichlorofluoromethane	75-69-4	ug/L	10/4/2016	4	n/a	ND	
MW-B	d	1,2,3-Trichloropropane	96-18-4	ug/L	10/4/2016	1	n/a	ND	
MW-B	d	Vinyl acetate	108-05-4	ug/L	10/4/2016	10	n/a	ND	
MW-B	d	Vinyl chloride	75-01-4	ug/L	10/4/2016	1	n/a	ND	
MW-B	d	Xylenes, total	1330-20-7	ug/L	10/4/2016	3	n/a	ND	
MW-B	d	Total Suspended Solids	TSS	mg/L	10/4/2016	n/a	n/a		4.13
MW-C	d	Antimony	7440-36-0	mg/L	10/4/2016	0.001	n/a	ND	
MW-C	d	Antimony	7440-36-0	mg/L	10/4/2016	0.001	n/a	ND	
MW-C	d	Arsenic	7440-38-2	mg/L	10/4/2016	n/a	n/a	J	0.00138
MW-C	d	Arsenic	7440-38-2	mg/L	10/4/2016	n/a	n/a	J	0.0013
MW-C	d	Barium	7440-39-3	mg/L	10/4/2016	n/a	n/a		0.581
MW-C	d	Barium	7440-39-3	mg/L	10/4/2016	n/a	n/a		0.6
MW-C	d	Beryllium	7440-41-7	mg/L	10/4/2016	0.001	n/a	ND	
MW-C	d	Beryllium	7440-41-7	mg/L	10/4/2016	0.001	n/a	ND	
MW-C	d	Cadmium	7440-43-9	mg/L	10/4/2016	0.0005	n/a	ND	
MW-C	d	Cadmium	7440-43-9	mg/L	10/4/2016	n/a	n/a	J	0.000036
MW-C	d	Chromium	7440-47-3	mg/L	10/4/2016	0.005	n/a	ND	
MW-C	d	Chromium	7440-47-3	mg/L	10/4/2016	0.005	n/a	ND	
MW-C	d	Cobalt	7440-48-4	mg/L	10/4/2016	n/a	n/a		0.0026
MW-C	d	Cobalt	7440-48-4	mg/L	10/4/2016	n/a	n/a		0.00273
MW-C	d	Copper	7440-50-8	mg/L	10/4/2016	0.005	n/a	ND	
MW-C	d	Copper	7440-50-8	mg/L	10/4/2016	0.005	n/a	ND	
MW-C	d	Lead	7439-92-1	mg/L	10/4/2016	0.0005	n/a	ND	
MW-C	d	Lead	7439-92-1	mg/L	10/4/2016	n/a	n/a	J	0.000217
MW-C	d	Nickel	7440-02-0	mg/L	10/4/2016	0.005	n/a	ND	
MW-C	d	Nickel	7440-02-0	mg/L	10/4/2016	0.005	n/a	ND	
MW-C	d	Selenium	7782-49-2	mg/L	10/4/2016	0.005	n/a	ND	
MW-C	d	Selenium	7782-49-2	mg/L	10/4/2016	0.005	n/a	ND	
MW-C	d	Silver	7440-22-4	mg/L	10/4/2016	0.001	n/a	ND	
MW-C	d	Silver	7440-22-4	mg/L	10/4/2016	0.001	n/a	ND	
MW-C	d	Thallium	7440-28-0	mg/L	10/4/2016	0.001	n/a	ND	
MW-C	d	Thallium	7440-28-0	mg/L	10/4/2016	0.001	n/a	ND	
MW-C	d	Vanadium	7440-62-2	mg/L	10/4/2016	n/a	n/a	J	0.000418
MW-C	d	Vanadium	7440-62-2	mg/L	10/4/2016	n/a	n/a	J	0.000486
MW-C	d	Zinc	7440-66-6	mg/L	10/4/2016	0.01	n/a	ND	
MW-C	d	Zinc	7440-66-6	mg/L	10/4/2016	0.01	n/a	ND	
MW-C	d	Acetone	67-64-1	ug/L	10/4/2016	10	n/a	ND	
MW-C	d	Acetone	67-64-1	ug/L	10/4/2016	10	n/a	ND	
MW-C	d	Acrylonitrile	107-13-1	ug/L	10/4/2016	10	n/a	ND	
MW-C	d	Acrylonitrile	107-13-1	ug/L	10/4/2016	10	n/a	ND	
MW-C	d	Benzene	71-43-2	ug/L	10/4/2016	0.5	n/a	ND	
MW-C	d	Benzene	71-43-2	ug/L	10/4/2016	0.5	n/a	ND	
MW-C	d	Bromochloromethane	74-97-5	ug/L	10/4/2016	5	n/a	ND	
MW-C	d	Bromochloromethane	74-97-5	ug/L	10/4/2016	5	n/a	ND	
MW-C	d	Bromodichloromethane	75-27-4	ug/L	10/4/2016	1	n/a	ND	
MW-C	d	Bromodichloromethane	75-27-4	ug/L	10/4/2016	1	n/a	ND	
MW-C	d	Bromoform	75-25-2	ug/L	10/4/2016	5	n/a	ND	
MW-C	d	Bromoform	75-25-2	ug/L	10/4/2016	5	n/a	ND	
MW-C	d	Carbon disulfide	75-15-0	ug/L	10/4/2016	n/a	n/a	J	0.44
MW-C	d	Carbon disulfide	75-15-0	ug/L	10/4/2016	n/a	n/a	J	0.309
MW-C	d	Carbon Tetrachloride	56-23-5	ug/L	10/4/2016	2	n/a	ND	
MW-C	d	Carbon Tetrachloride	56-23-5	ug/L	10/4/2016	2	n/a	ND	
MW-C	d	Chlorobenzene	108-90-7	ug/L	10/4/2016	1	n/a	ND	
MW-C	d	Chlorobenzene	108-90-7	ug/L	10/4/2016	1	n/a	ND	
MW-C	d	Chloroethane	75-00-3	ug/L	10/4/2016	4	n/a	ND	
MW-C	d	Chloroethane	75-00-3	ug/L	10/4/2016	4	n/a	ND	
MW-C	d	Chloroform	67-66-3	ug/L	10/4/2016	1	n/a	ND	
MW-C	d	Chloroform	67-66-3	ug/L	10/4/2016	1	n/a	ND	
MW-C	d	Chlorodibromomethane	124-48-1	ug/L	10/4/2016	5	n/a	ND	
MW-C	d	Chlorodibromomethane	124-48-1	ug/L	10/4/2016	5	n/a	ND	
MW-C	d	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	10/4/2016	0.5	n/a	ND	
MW-C	d	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	10/4/2016	0.5	n/a	ND	
MW-C	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	10/4/2016	0.13	n/a	ND	
MW-C	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	10/4/2016	0.13	n/a	ND	
MW-C	d	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	10/4/2016	10	n/a	ND	
MW-C	d	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	10/4/2016	10	n/a	ND	
MW-C	d	1,1-Dichloroethane	75-34-3	ug/L	10/4/2016	1	n/a	ND	
MW-C	d	1,1-Dichloroethane	75-34-3	ug/L	10/4/2016	1	n/a	ND	
MW-C	d	1,2-Dichloroethane	107-06-2	ug/L	10/4/2016	1	n/a	ND	
MW-C	d	1,2-Dichloroethane	107-06-2	ug/L	10/4/2016	1	n/a	ND	
MW-C	d	1,1-Dichloroethene	75-35-4	ug/L	10/4/2016	2	n/a	ND	
MW-C	d	1,1-Dichloroethene	75-35-4	ug/L	10/4/2016	2	n/a	ND	
MW-C	d	cis-1,2-Dichloroethene	156-59-2	ug/L	10/4/2016	1	n/a	ND	

Table 9A
Analytical Data Summary - Phase II MSWLF
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Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-C	d	cis-1,2-Dichloroethene	156-59-2	ug/L	10/4/2016	1	n/a	ND	
MW-C	d	trans-1,2-Dichloroethene	156-60-5	ug/L	10/4/2016	1	n/a	ND	
MW-C	d	trans-1,2-Dichloroethene	156-60-5	ug/L	10/4/2016	1	n/a	ND	
MW-C	d	1,2-Dichloropropane	78-87-5	ug/L	10/4/2016	1	n/a	ND	
MW-C	d	1,2-Dichloropropane	78-87-5	ug/L	10/4/2016	1	n/a	ND	
MW-C	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	10/4/2016	5	n/a	ND	
MW-C	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	10/4/2016	5	n/a	ND	
MW-C	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	10/4/2016	5	n/a	ND	
MW-C	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	10/4/2016	5	n/a	ND	
MW-C	d	1,2-Dichlorobenzene	95-50-1	ug/L	10/4/2016	1	n/a	ND	
MW-C	d	1,2-Dichlorobenzene	95-50-1	ug/L	10/4/2016	1	n/a	ND	
MW-C	d	1,4-Dichlorobenzene	106-46-7	ug/L	10/4/2016	1	n/a	ND	
MW-C	d	1,4-Dichlorobenzene	106-46-7	ug/L	10/4/2016	1	n/a	ND	
MW-C	d	Ethylbenzene	100-41-4	ug/L	10/4/2016	1	n/a	ND	
MW-C	d	Ethylbenzene	100-41-4	ug/L	10/4/2016	1	n/a	ND	
MW-C	d	2-Hexanone	591-78-6	ug/L	10/4/2016	10	n/a	ND	
MW-C	d	2-Hexanone	591-78-6	ug/L	10/4/2016	10	n/a	ND	
MW-C	d	Bromomethane	74-83-9	ug/L	10/4/2016	4	n/a	ND	
MW-C	d	Bromomethane	74-83-9	ug/L	10/4/2016	n/a	n/a	J	0.342
MW-C	d	Chloromethane	74-87-3	ug/L	10/4/2016	3	n/a	ND	
MW-C	d	Chloromethane	74-87-3	ug/L	10/4/2016	3	n/a	ND	
MW-C	d	2-Butanone	78-93-3	ug/L	10/4/2016	10	n/a	ND	
MW-C	d	2-Butanone	78-93-3	ug/L	10/4/2016	10	n/a	ND	
MW-C	d	Iodomethane	74-88-4	ug/L	10/4/2016	10	n/a	ND	
MW-C	d	Iodomethane	74-88-4	ug/L	10/4/2016	10	n/a	ND	
MW-C	d	4-Methyl-2-pentanone	108-10-1	ug/L	10/4/2016	10	n/a	ND	
MW-C	d	4-Methyl-2-pentanone	108-10-1	ug/L	10/4/2016	10	n/a	ND	
MW-C	d	Methylene Bromide	74-95-3	ug/L	10/4/2016	1	n/a	ND	
MW-C	d	Methylene Bromide	74-95-3	ug/L	10/4/2016	1	n/a	ND	
MW-C	d	Methylene Chloride	75-09-2	ug/L	10/4/2016	5	n/a	ND	
MW-C	d	Methylene Chloride	75-09-2	ug/L	10/4/2016	n/a	n/a	J	0.32
MW-C	d	Styrene	100-42-5	ug/L	10/4/2016	1	n/a	ND	
MW-C	d	Styrene	100-42-5	ug/L	10/4/2016	1	n/a	ND	
MW-C	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	10/4/2016	1	n/a	ND	
MW-C	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	10/4/2016	1	n/a	ND	
MW-C	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	10/4/2016	1	n/a	ND	
MW-C	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	10/4/2016	1	n/a	ND	
MW-C	d	Tetrachloroethene	127-18-4	ug/L	10/4/2016	1	n/a	ND	
MW-C	d	Tetrachloroethene	127-18-4	ug/L	10/4/2016	1	n/a	ND	
MW-C	d	Toluene	108-88-3	ug/L	10/4/2016	1	n/a	ND	
MW-C	d	Toluene	108-88-3	ug/L	10/4/2016	1	n/a	ND	
MW-C	d	1,1,1-Trichloroethane	71-55-6	ug/L	10/4/2016	1	n/a	ND	
MW-C	d	1,1,1-Trichloroethane	71-55-6	ug/L	10/4/2016	1	n/a	ND	
MW-C	d	1,1,2-Trichloroethane	79-00-5	ug/L	10/4/2016	1	n/a	ND	
MW-C	d	1,1,2-Trichloroethane	79-00-5	ug/L	10/4/2016	1	n/a	ND	
MW-C	d	Trichloroethene	79-01-6	ug/L	10/4/2016	1	n/a	ND	
MW-C	d	Trichloroethene	79-01-6	ug/L	10/4/2016	1	n/a	ND	
MW-C	d	Trichlorofluoromethane	75-69-4	ug/L	10/4/2016	4	n/a	ND	
MW-C	d	Trichlorofluoromethane	75-69-4	ug/L	10/4/2016	4	n/a	ND	
MW-C	d	1,2,3-Trichloropropane	96-18-4	ug/L	10/4/2016	1	n/a	ND	
MW-C	d	1,2,3-Trichloropropane	96-18-4	ug/L	10/4/2016	1	n/a	ND	
MW-C	d	Vinyl acetate	108-05-4	ug/L	10/4/2016	10	n/a	ND	
MW-C	d	Vinyl acetate	108-05-4	ug/L	10/4/2016	10	n/a	ND	
MW-C	d	Vinyl chloride	75-01-4	ug/L	10/4/2016	1	n/a	ND	
MW-C	d	Vinyl chloride	75-01-4	ug/L	10/4/2016	1	n/a	ND	
MW-C	d	Xylenes, total	1330-20-7	ug/L	10/4/2016	3	n/a	ND	
MW-C	d	Xylenes, total	1330-20-7	ug/L	10/4/2016	3	n/a	ND	
MW-C	d	Total Suspended Solids	TSS	mg/L	10/4/2016	n/a	n/a		9.75
MW-C	d	Total Suspended Solids	TSS	mg/L	10/4/2016	n/a	n/a		8.13
GU-4	d	Barium	7440-39-3	mg/L	2/16/2017	0.000844	0.002		0.0566
GU-4	d	Benzene	71-43-2	ug/L	2/16/2017	0.11	0.5	J	0.136
GU-4	d	Total Suspended Solids	TSS	mg/L	2/16/2017	0.581	1.88		3.63
GU-4	d	4-Bromofluorobenzene	460-00-4	ug/L	2/16/2017	n/a	n/a		49.4
GU-4	d	Dibromofluoromethane	1868-53-7	ug/L	2/16/2017	n/a	n/a		50.6
GU-4	d	Toluene-d8	2037-26-5	ug/L	2/16/2017	n/a	n/a		50.2
GU-3	d	Antimony	7440-36-0	mg/L	4/27/2017	n/a	0.001	ND	
GU-3	d	Arsenic	7440-38-2	mg/L	4/27/2017	n/a	0.002	ND	
GU-3	d	Barium	7440-39-3	mg/L	4/27/2017	0.00104	0.002		0.155
GU-3	d	Beryllium	7440-41-7	mg/L	4/27/2017	n/a	0.001	ND	
GU-3	d	Cadmium	7440-43-9	mg/L	4/27/2017	n/a	0.0005	ND	
GU-3	d	Chromium	7440-47-3	mg/L	4/27/2017	n/a	0.005	ND	
GU-3	d	Cobalt	7440-48-4	mg/L	4/27/2017	0.0000453	0.0005	J	0.000489
GU-3	d	Copper	7440-50-8	mg/L	4/27/2017	n/a	0.005	ND	
GU-3	d	Lead	7439-92-1	mg/L	4/27/2017	0.000324	0.0005		0.000858
GU-3	d	Nickel	7440-02-0	mg/L	4/27/2017	0.000929	0.005	J	0.00147

Table 9A
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Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
GU-3	d	Selenium	7782-49-2	mg/L	4/27/2017	n/a	0.005	ND	
GU-3	d	Silver	7440-22-4	mg/L	4/27/2017	n/a	0.001	ND	
GU-3	d	Thallium	7440-28-0	mg/L	4/27/2017	n/a	0.001	ND	
GU-3	d	Vanadium	7440-62-2	mg/L	4/27/2017	0.00084	0.005	J	0.00141
GU-3	d	Zinc	7440-66-6	mg/L	4/27/2017	n/a	0.02	ND	
GU-3	d	Acetone	67-64-1	ug/L	4/27/2017	n/a	10	ND	
GU-3	d	Acrylonitrile	107-13-1	ug/L	4/27/2017	n/a	10	ND	
GU-3	d	Benzene	71-43-2	ug/L	4/27/2017	n/a	0.5	ND	
GU-3	d	Bromochloromethane	74-97-5	ug/L	4/27/2017	n/a	5	ND	
GU-3	d	Bromodichloromethane	75-27-4	ug/L	4/27/2017	n/a	1	ND	
GU-3	d	Bromoform	75-25-2	ug/L	4/27/2017	n/a	5	ND	
GU-3	d	Carbon disulfide	75-15-0	ug/L	4/27/2017	n/a	1	ND	
GU-3	d	Carbon Tetrachloride	56-23-5	ug/L	4/27/2017	n/a	2	ND	
GU-3	d	Chlorobenzene	108-90-7	ug/L	4/27/2017	n/a	1	ND	
GU-3	d	Chloroethane	75-00-3	ug/L	4/27/2017	n/a	4	ND	
GU-3	d	Chloroform	67-66-3	ug/L	4/27/2017	n/a	1	ND	
GU-3	d	Chlorodibromomethane	124-48-1	ug/L	4/27/2017	n/a	5	ND	
GU-3	d	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	4/27/2017	n/a	0.5	ND	
GU-3	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	4/27/2017	n/a	0.13	ND	
GU-3	d	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	4/27/2017	n/a	10	ND	
GU-3	d	1,1-Dichloroethane	75-34-3	ug/L	4/27/2017	n/a	1	ND	
GU-3	d	1,2-Dichloroethane	107-06-2	ug/L	4/27/2017	n/a	1	ND	
GU-3	d	1,1-Dichloroethene	75-35-4	ug/L	4/27/2017	n/a	2	ND	
GU-3	d	cis-1,2-Dichloroethene	156-59-2	ug/L	4/27/2017	n/a	1	ND	
GU-3	d	trans-1,2-Dichloroethene	156-60-5	ug/L	4/27/2017	n/a	1	ND	
GU-3	d	1,2-Dichloropropane	78-87-5	ug/L	4/27/2017	n/a	1	ND	
GU-3	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	4/27/2017	n/a	5	ND	
GU-3	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	4/27/2017	n/a	5	ND	
GU-3	d	1,2-Dichlorobenzene	95-50-1	ug/L	4/27/2017	n/a	1	ND	
GU-3	d	1,4-Dichlorobenzene	106-46-7	ug/L	4/27/2017	n/a	1	ND	
GU-3	d	Ethylbenzene	100-41-4	ug/L	4/27/2017	n/a	1	ND	
GU-3	d	2-Hexanone	591-78-6	ug/L	4/27/2017	n/a	10	ND	
GU-3	d	Bromomethane	74-83-9	ug/L	4/27/2017	0.22	4	JB	0.448
GU-3	d	Chloromethane	74-87-3	ug/L	4/27/2017	0.31	3	JB	0.316
GU-3	d	2-Butanone	78-93-3	ug/L	4/27/2017	n/a	10	ND	
GU-3	d	Iodomethane	74-88-4	ug/L	4/27/2017	n/a	10	ND	
GU-3	d	4-Methyl-2-pentanone	108-10-1	ug/L	4/27/2017	n/a	10	ND	
GU-3	d	Methylene Bromide	74-95-3	ug/L	4/27/2017	n/a	1	ND	
GU-3	d	Methylene Chloride	75-09-2	ug/L	4/27/2017	0.17	5	JB	0.621
GU-3	d	Styrene	100-42-5	ug/L	4/27/2017	n/a	1	ND	
GU-3	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	4/27/2017	n/a	1	ND	
GU-3	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	4/27/2017	n/a	1	ND	
GU-3	d	Tetrachloroethene	127-18-4	ug/L	4/27/2017	n/a	1	ND	
GU-3	d	Toluene	108-88-3	ug/L	4/27/2017	n/a	1	ND	
GU-3	d	1,1,1-Trichloroethane	71-55-6	ug/L	4/27/2017	n/a	1	ND	
GU-3	d	1,1,2-Trichloroethane	79-00-5	ug/L	4/27/2017	n/a	1	ND	
GU-3	d	Trichloroethene	79-01-6	ug/L	4/27/2017	n/a	1	ND	
GU-3	d	Trichlorofluoromethane	75-69-4	ug/L	4/27/2017	n/a	4	ND	
GU-3	d	1,2,3-Trichloropropane	96-18-4	ug/L	4/27/2017	n/a	1	ND	
GU-3	d	Vinyl acetate	108-05-4	ug/L	4/27/2017	n/a	10	ND	
GU-3	d	Vinyl chloride	75-01-4	ug/L	4/27/2017	n/a	1	ND	
GU-3	d	Xylenes, total	1330-20-7	ug/L	4/27/2017	n/a	3	ND	
GU-3	d	Total Suspended Solids	TSS	mg/L	4/27/2017	0.93	3		129
GU-3	d	4-Bromofluorobenzene	460-00-4	ug/L	4/27/2017	n/a	n/a		50
GU-3	d	Dibromofluoromethane	1868-53-7	ug/L	4/27/2017	n/a	n/a		48.5
GU-3	d	Toluene-d8	2037-26-5	ug/L	4/27/2017	n/a	n/a		46.5
GU-4	d	Antimony	7440-36-0	mg/L	4/27/2017	n/a	0.001	ND	
GU-4	d	Arsenic	7440-38-2	mg/L	4/27/2017	0.000505	0.002	J	0.00127
GU-4	d	Barium	7440-39-3	mg/L	4/27/2017	0.00104	0.002		0.094
GU-4	d	Beryllium	7440-41-7	mg/L	4/27/2017	n/a	0.001	ND	
GU-4	d	Cadmium	7440-43-9	mg/L	4/27/2017	n/a	0.0005	ND	
GU-4	d	Chromium	7440-47-3	mg/L	4/27/2017	n/a	0.005	ND	
GU-4	d	Cobalt	7440-48-4	mg/L	4/27/2017	0.0000453	0.0005		0.00181
GU-4	d	Copper	7440-50-8	mg/L	4/27/2017	n/a	0.005	ND	
GU-4	d	Lead	7439-92-1	mg/L	4/27/2017	n/a	0.0005	ND	
GU-4	d	Nickel	7440-02-0	mg/L	4/27/2017	0.000929	0.005		0.00748
GU-4	d	Selenium	7782-49-2	mg/L	4/27/2017	n/a	0.005	ND	
GU-4	d	Silver	7440-22-4	mg/L	4/27/2017	n/a	0.001	ND	
GU-4	d	Thallium	7440-28-0	mg/L	4/27/2017	n/a	0.001	ND	
GU-4	d	Vanadium	7440-62-2	mg/L	4/27/2017	n/a	0.005	ND	
GU-4	d	Zinc	7440-66-6	mg/L	4/27/2017	n/a	0.02	ND	
GU-4	d	Acetone	67-64-1	ug/L	4/27/2017	n/a	10	ND	
GU-4	d	Acrylonitrile	107-13-1	ug/L	4/27/2017	n/a	10	ND	
GU-4	d	Benzene	71-43-2	ug/L	4/27/2017	n/a	0.5	ND	
GU-4	d	Bromochloromethane	74-97-5	ug/L	4/27/2017	n/a	5	ND	

Table 9A
Analytical Data Summary - Phase II MSWLF
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Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
GU-4	d	Bromodichloromethane	75-27-4	ug/L	4/27/2017	n/a	1	ND	
GU-4	d	Bromoform	75-25-2	ug/L	4/27/2017	n/a	5	ND	
GU-4	d	Carbon disulfide	75-15-0	ug/L	4/27/2017	n/a	1	ND	
GU-4	d	Carbon Tetrachloride	56-23-5	ug/L	4/27/2017	n/a	2	ND	
GU-4	d	Chlorobenzene	108-90-7	ug/L	4/27/2017	n/a	1	ND	
GU-4	d	Chloroethane	75-00-3	ug/L	4/27/2017	n/a	4	ND	
GU-4	d	Chloroform	67-66-3	ug/L	4/27/2017	n/a	1	ND	
GU-4	d	Chlorodibromomethane	124-48-1	ug/L	4/27/2017	n/a	5	ND	
GU-4	d	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	4/27/2017	n/a	0.5	ND	
GU-4	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	4/27/2017	n/a	0.13	ND	
GU-4	d	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	4/27/2017	n/a	10	ND	
GU-4	d	1,1-Dichloroethane	75-34-3	ug/L	4/27/2017	n/a	1	ND	
GU-4	d	1,2-Dichloroethane	107-06-2	ug/L	4/27/2017	n/a	1	ND	
GU-4	d	1,1-Dichloroethene	75-35-4	ug/L	4/27/2017	n/a	2	ND	
GU-4	d	cis-1,2-Dichloroethene	156-59-2	ug/L	4/27/2017	0.13	1	J	0.202
GU-4	d	trans-1,2-Dichloroethene	156-60-5	ug/L	4/27/2017	n/a	1	ND	
GU-4	d	1,2-Dichloropropane	78-87-5	ug/L	4/27/2017	n/a	1	ND	
GU-4	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	4/27/2017	n/a	5	ND	
GU-4	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	4/27/2017	n/a	5	ND	
GU-4	d	1,2-Dichlorobenzene	95-50-1	ug/L	4/27/2017	n/a	1	ND	
GU-4	d	1,4-Dichlorobenzene	106-46-7	ug/L	4/27/2017	n/a	1	ND	
GU-4	d	Ethylbenzene	100-41-4	ug/L	4/27/2017	n/a	1	ND	
GU-4	d	2-Hexanone	591-78-6	ug/L	4/27/2017	n/a	10	ND	
GU-4	d	Bromomethane	74-83-9	ug/L	4/27/2017	0.22	4	JB	0.421
GU-4	d	Chloromethane	74-87-3	ug/L	4/27/2017	n/a	3	ND	
GU-4	d	2-Butanone	78-93-3	ug/L	4/27/2017	n/a	10	ND	
GU-4	d	Iodomethane	74-88-4	ug/L	4/27/2017	n/a	10	ND	
GU-4	d	4-Methyl-2-pentanone	108-10-1	ug/L	4/27/2017	n/a	10	ND	
GU-4	d	Methylene Bromide	74-95-3	ug/L	4/27/2017	n/a	1	ND	
GU-4	d	Methylene Chloride	75-09-2	ug/L	4/27/2017	0.17	5	JB	0.769
GU-4	d	Styrene	100-42-5	ug/L	4/27/2017	n/a	1	ND	
GU-4	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	4/27/2017	n/a	1	ND	
GU-4	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	4/27/2017	n/a	1	ND	
GU-4	d	Tetrachloroethene	127-18-4	ug/L	4/27/2017	n/a	1	ND	
GU-4	d	Toluene	108-88-3	ug/L	4/27/2017	n/a	1	ND	
GU-4	d	1,1,1-Trichloroethane	71-55-6	ug/L	4/27/2017	n/a	1	ND	
GU-4	d	1,1,2-Trichloroethane	79-00-5	ug/L	4/27/2017	n/a	1	ND	
GU-4	d	Trichloroethene	79-01-6	ug/L	4/27/2017	n/a	1	ND	
GU-4	d	Trichlorofluoromethane	75-69-4	ug/L	4/27/2017	n/a	4	ND	
GU-4	d	1,2,3-Trichloropropane	96-18-4	ug/L	4/27/2017	n/a	1	ND	
GU-4	d	Vinyl acetate	108-05-4	ug/L	4/27/2017	n/a	10	ND	
GU-4	d	Vinyl chloride	75-01-4	ug/L	4/27/2017	n/a	1	ND	
GU-4	d	Xylenes, total	1330-20-7	ug/L	4/27/2017	n/a	3	ND	
GU-4	d	Total Suspended Solids	TSS	mg/L	4/27/2017	0.581	1.88		3
GU-4	d	4-Bromofluorobenzene	460-00-4	ug/L	4/27/2017	n/a	n/a		49.9
GU-4	d	4-Bromofluorobenzene	460-00-4	ug/L	4/27/2017	n/a	n/a		50
GU-4	d	Dibromofluoromethane	1868-53-7	ug/L	4/27/2017	n/a	n/a		46.6
GU-4	d	Dibromofluoromethane	1868-53-7	ug/L	4/27/2017	n/a	n/a		49
GU-4	d	Toluene-d8	2037-26-5	ug/L	4/27/2017	n/a	n/a		46.3
GU-4	d	Toluene-d8	2037-26-5	ug/L	4/27/2017	n/a	n/a		47.1
GU-5	d	Antimony	7440-36-0	mg/L	4/27/2017	n/a	0.001	ND	
GU-5	d	Arsenic	7440-38-2	mg/L	4/27/2017	0.000505	0.002	J	0.00172
GU-5	d	Barium	7440-39-3	mg/L	4/27/2017	0.00104	0.002		0.2
GU-5	d	Beryllium	7440-41-7	mg/L	4/27/2017	n/a	0.001	ND	
GU-5	d	Cadmium	7440-43-9	mg/L	4/27/2017	n/a	0.0005	ND	
GU-5	d	Chromium	7440-47-3	mg/L	4/27/2017	n/a	0.005	ND	
GU-5	d	Cobalt	7440-48-4	mg/L	4/27/2017	0.0000453	0.0005		0.00336
GU-5	d	Copper	7440-50-8	mg/L	4/27/2017	n/a	0.005	ND	
GU-5	d	Lead	7439-92-1	mg/L	4/27/2017	n/a	0.0005	ND	
GU-5	d	Nickel	7440-02-0	mg/L	4/27/2017	0.000929	0.005		0.00938
GU-5	d	Selenium	7782-49-2	mg/L	4/27/2017	n/a	0.005	ND	
GU-5	d	Silver	7440-22-4	mg/L	4/27/2017	n/a	0.001	ND	
GU-5	d	Thallium	7440-28-0	mg/L	4/27/2017	n/a	0.001	ND	
GU-5	d	Vanadium	7440-62-2	mg/L	4/27/2017	n/a	0.005	ND	
GU-5	d	Zinc	7440-66-6	mg/L	4/27/2017	n/a	0.02	ND	
GU-5	d	Acetone	67-64-1	ug/L	4/27/2017	n/a	10	ND	
GU-5	d	Acrylonitrile	107-13-1	ug/L	4/27/2017	n/a	10	ND	
GU-5	d	Benzene	71-43-2	ug/L	4/27/2017	n/a	0.5	ND	
GU-5	d	Bromochloromethane	74-97-5	ug/L	4/27/2017	n/a	5	ND	
GU-5	d	Bromodichloromethane	75-27-4	ug/L	4/27/2017	n/a	1	ND	
GU-5	d	Bromoform	75-25-2	ug/L	4/27/2017	n/a	5	ND	
GU-5	d	Carbon disulfide	75-15-0	ug/L	4/27/2017	n/a	1	ND	
GU-5	d	Carbon Tetrachloride	56-23-5	ug/L	4/27/2017	n/a	2	ND	
GU-5	d	Chlorobenzene	108-90-7	ug/L	4/27/2017	n/a	1	ND	
GU-5	d	Chloroethane	75-00-3	ug/L	4/27/2017	n/a	4	ND	

Table 9A
Analytical Data Summary - Phase II MSWLF
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Phase II MSWLF and CWTS
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
GU-5	d	Chloroform	67-66-3	ug/L	4/27/2017	n/a	1	ND	
GU-5	d	Chlorodibromomethane	124-48-1	ug/L	4/27/2017	n/a	5	ND	
GU-5	d	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	4/27/2017	n/a	0.5	ND	
GU-5	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	4/27/2017	n/a	0.13	ND	
GU-5	d	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	4/27/2017	n/a	10	ND	
GU-5	d	1,1-Dichloroethane	75-34-3	ug/L	4/27/2017	n/a	1	ND	
GU-5	d	1,2-Dichloroethane	107-06-2	ug/L	4/27/2017	n/a	1	ND	
GU-5	d	1,1-Dichloroethene	75-35-4	ug/L	4/27/2017	n/a	2	ND	
GU-5	d	cis-1,2-Dichloroethene	156-59-2	ug/L	4/27/2017	n/a	1	ND	
GU-5	d	trans-1,2-Dichloroethene	156-60-5	ug/L	4/27/2017	n/a	1	ND	
GU-5	d	1,2-Dichloropropane	78-87-5	ug/L	4/27/2017	n/a	1	ND	
GU-5	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	4/27/2017	n/a	5	ND	
GU-5	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	4/27/2017	n/a	5	ND	
GU-5	d	1,2-Dichlorobenzene	95-50-1	ug/L	4/27/2017	n/a	1	ND	
GU-5	d	1,4-Dichlorobenzene	106-46-7	ug/L	4/27/2017	n/a	1	ND	
GU-5	d	Ethylbenzene	100-41-4	ug/L	4/27/2017	n/a	1	ND	
GU-5	d	2-Hexanone	591-78-6	ug/L	4/27/2017	n/a	10	ND	
GU-5	d	Bromomethane	74-83-9	ug/L	4/27/2017	0.22	4	JB	0.339
GU-5	d	Chloromethane	74-87-3	ug/L	4/27/2017	n/a	3	ND	
GU-5	d	2-Butanone	78-93-3	ug/L	4/27/2017	n/a	10	ND	
GU-5	d	Iodomethane	74-88-4	ug/L	4/27/2017	n/a	10	ND	
GU-5	d	4-Methyl-2-pentanone	108-10-1	ug/L	4/27/2017	n/a	10	ND	
GU-5	d	Methylene Bromide	74-95-3	ug/L	4/27/2017	n/a	1	ND	
GU-5	d	Methylene Chloride	75-09-2	ug/L	4/27/2017	0.17	5	JB	0.739
GU-5	d	Styrene	100-42-5	ug/L	4/27/2017	n/a	1	ND	
GU-5	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	4/27/2017	n/a	1	ND	
GU-5	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	4/27/2017	n/a	1	ND	
GU-5	d	Tetrachloroethene	127-18-4	ug/L	4/27/2017	n/a	1	ND	
GU-5	d	Toluene	108-88-3	ug/L	4/27/2017	n/a	1	ND	
GU-5	d	1,1,1-Trichloroethane	71-55-6	ug/L	4/27/2017	n/a	1	ND	
GU-5	d	1,1,2-Trichloroethane	79-00-5	ug/L	4/27/2017	n/a	1	ND	
GU-5	d	Trichloroethene	79-01-6	ug/L	4/27/2017	n/a	1	ND	
GU-5	d	Trichlorofluoromethane	75-69-4	ug/L	4/27/2017	n/a	4	ND	
GU-5	d	1,2,3-Trichloropropane	96-18-4	ug/L	4/27/2017	n/a	1	ND	
GU-5	d	Vinyl acetate	108-05-4	ug/L	4/27/2017	n/a	10	ND	
GU-5	d	Vinyl chloride	75-01-4	ug/L	4/27/2017	n/a	1	ND	
GU-5	d	Xylenes, total	1330-20-7	ug/L	4/27/2017	n/a	3	ND	
GU-5	d	Total Suspended Solids	TSS	mg/L	4/27/2017	0.581	1.88		8.75
GU-5	d	4-Bromofluorobenzene	460-00-4	ug/L	4/27/2017	n/a	n/a		49.3
GU-5	d	Dibromofluoromethane	1868-53-7	ug/L	4/27/2017	n/a	n/a		49.2
GU-5	d	Toluene-d8	2037-26-5	ug/L	4/27/2017	n/a	n/a		46.4
MW-B	d	Antimony	7440-36-0	mg/L	4/27/2017	n/a	0.001	ND	
MW-B	d	Arsenic	7440-38-2	mg/L	4/27/2017	0.000505	0.002	J	0.00101
MW-B	d	Barium	7440-39-3	mg/L	4/27/2017	0.00104	0.002		0.0555
MW-B	d	Beryllium	7440-41-7	mg/L	4/27/2017	n/a	0.001	ND	
MW-B	d	Cadmium	7440-43-9	mg/L	4/27/2017	0.0000441	0.0005	J	0.000049
MW-B	d	Chromium	7440-47-3	mg/L	4/27/2017	n/a	0.005	ND	
MW-B	d	Cobalt	7440-48-4	mg/L	4/27/2017	0.0000453	0.0005		0.00054
MW-B	d	Copper	7440-50-8	mg/L	4/27/2017	n/a	0.005	ND	
MW-B	d	Lead	7439-92-1	mg/L	4/27/2017	n/a	0.0005	ND	
MW-B	d	Nickel	7440-02-0	mg/L	4/27/2017	0.000929	0.005	J	0.00208
MW-B	d	Selenium	7782-49-2	mg/L	4/27/2017	n/a	0.005	ND	
MW-B	d	Silver	7440-22-4	mg/L	4/27/2017	n/a	0.001	ND	
MW-B	d	Thallium	7440-28-0	mg/L	4/27/2017	n/a	0.001	ND	
MW-B	d	Vanadium	7440-62-2	mg/L	4/27/2017	0.00084	0.005	J	0.00135
MW-B	d	Zinc	7440-66-6	mg/L	4/27/2017	n/a	0.02	ND	
MW-B	d	Acetone	67-64-1	ug/L	4/27/2017	n/a	10	ND	
MW-B	d	Acrylonitrile	107-13-1	ug/L	4/27/2017	n/a	10	ND	
MW-B	d	Benzene	71-43-2	ug/L	4/27/2017	n/a	0.5	ND	
MW-B	d	Bromochloromethane	74-97-5	ug/L	4/27/2017	n/a	5	ND	
MW-B	d	Bromodichloromethane	75-27-4	ug/L	4/27/2017	n/a	1	ND	
MW-B	d	Bromoform	75-25-2	ug/L	4/27/2017	n/a	5	ND	
MW-B	d	Carbon disulfide	75-15-0	ug/L	4/27/2017	n/a	1	ND	
MW-B	d	Carbon Tetrachloride	56-23-5	ug/L	4/27/2017	n/a	2	ND	
MW-B	d	Chlorobenzene	108-90-7	ug/L	4/27/2017	n/a	1	ND	
MW-B	d	Chloroethane	75-00-3	ug/L	4/27/2017	n/a	4	ND	
MW-B	d	Chloroform	67-66-3	ug/L	4/27/2017	n/a	1	ND	
MW-B	d	Chlorodibromomethane	124-48-1	ug/L	4/27/2017	n/a	5	ND	
MW-B	d	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	4/27/2017	n/a	0.5	ND	
MW-B	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	4/27/2017	n/a	0.13	ND	
MW-B	d	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	4/27/2017	n/a	10	ND	
MW-B	d	1,1-Dichloroethane	75-34-3	ug/L	4/27/2017	n/a	1	ND	
MW-B	d	1,2-Dichloroethane	107-06-2	ug/L	4/27/2017	n/a	1	ND	
MW-B	d	1,1-Dichloroethene	75-35-4	ug/L	4/27/2017	n/a	2	ND	
MW-B	d	cis-1,2-Dichloroethene	156-59-2	ug/L	4/27/2017	n/a	1	ND	

Table 9A
Analytical Data Summary - Phase II MSWLF
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Phase II MSWLF and CWTS
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Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-B	d	trans-1,2-Dichloroethene	156-60-5	ug/L	4/27/2017	n/a	1	ND	
MW-B	d	1,2-Dichloropropane	78-87-5	ug/L	4/27/2017	n/a	1	ND	
MW-B	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	4/27/2017	n/a	5	ND	
MW-B	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	4/27/2017	n/a	5	ND	
MW-B	d	1,2-Dichlorobenzene	95-50-1	ug/L	4/27/2017	n/a	1	ND	
MW-B	d	1,4-Dichlorobenzene	106-46-7	ug/L	4/27/2017	n/a	1	ND	
MW-B	d	Ethylbenzene	100-41-4	ug/L	4/27/2017	n/a	1	ND	
MW-B	d	2-Hexanone	591-78-6	ug/L	4/27/2017	n/a	10	ND	
MW-B	d	Bromomethane	74-83-9	ug/L	4/27/2017	0.22	4	JB	0.508
MW-B	d	Chloromethane	74-87-3	ug/L	4/27/2017	0.31	3	JB	0.364
MW-B	d	2-Butanone	78-93-3	ug/L	4/27/2017	n/a	10	ND	
MW-B	d	Iodomethane	74-88-4	ug/L	4/27/2017	n/a	10	ND	
MW-B	d	4-Methyl-2-pentanone	108-10-1	ug/L	4/27/2017	n/a	10	ND	
MW-B	d	Methylene Bromide	74-95-3	ug/L	4/27/2017	n/a	1	ND	
MW-B	d	Methylene Chloride	75-09-2	ug/L	4/27/2017	0.17	5	JB	0.728
MW-B	d	Styrene	100-42-5	ug/L	4/27/2017	n/a	1	ND	
MW-B	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	4/27/2017	n/a	1	ND	
MW-B	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	4/27/2017	n/a	1	ND	
MW-B	d	Tetrachloroethene	127-18-4	ug/L	4/27/2017	n/a	1	ND	
MW-B	d	Toluene	108-88-3	ug/L	4/27/2017	n/a	1	ND	
MW-B	d	1,1,1-Trichloroethane	71-55-6	ug/L	4/27/2017	n/a	1	ND	
MW-B	d	1,1,2-Trichloroethane	79-00-5	ug/L	4/27/2017	n/a	1	ND	
MW-B	d	Trichloroethene	79-01-6	ug/L	4/27/2017	n/a	1	ND	
MW-B	d	Trichlorofluoromethane	75-69-4	ug/L	4/27/2017	n/a	4	ND	
MW-B	d	1,2,3-Trichloropropane	96-18-4	ug/L	4/27/2017	n/a	1	ND	
MW-B	d	Vinyl acetate	108-05-4	ug/L	4/27/2017	n/a	10	ND	
MW-B	d	Vinyl chloride	75-01-4	ug/L	4/27/2017	n/a	1	ND	
MW-B	d	Xylenes, total	1330-20-7	ug/L	4/27/2017	n/a	3	ND	
MW-B	d	Total Suspended Solids	TSS	mg/L	4/27/2017	0.581	1.88	J	1.63
MW-B	d	4-Bromofluorobenzene	460-00-4	ug/L	4/27/2017	n/a	n/a		49.1
MW-B	d	Dibromofluoromethane	1868-53-7	ug/L	4/27/2017	n/a	n/a		49.2
MW-B	d	Toluene-d8	2037-26-5	ug/L	4/27/2017	n/a	n/a		47
MW-C	d	Antimony	7440-36-0	mg/L	4/27/2017	n/a	0.001	ND	
MW-C	d	Arsenic	7440-38-2	mg/L	4/27/2017	n/a	0.002	ND	
MW-C	d	Barium	7440-39-3	mg/L	4/27/2017	0.00104	0.002		0.573
MW-C	d	Beryllium	7440-41-7	mg/L	4/27/2017	n/a	0.001	ND	
MW-C	d	Cadmium	7440-43-9	mg/L	4/27/2017	n/a	0.0005	ND	
MW-C	d	Chromium	7440-47-3	mg/L	4/27/2017	n/a	0.005	ND	
MW-C	d	Cobalt	7440-48-4	mg/L	4/27/2017	0.0000453	0.0005	J	0.000062
MW-C	d	Copper	7440-50-8	mg/L	4/27/2017	n/a	0.005	ND	
MW-C	d	Lead	7439-92-1	mg/L	4/27/2017	n/a	0.0005	ND	
MW-C	d	Nickel	7440-02-0	mg/L	4/27/2017	n/a	0.005	ND	
MW-C	d	Selenium	7782-49-2	mg/L	4/27/2017	n/a	0.005	ND	
MW-C	d	Silver	7440-22-4	mg/L	4/27/2017	n/a	0.001	ND	
MW-C	d	Thallium	7440-28-0	mg/L	4/27/2017	n/a	0.001	ND	
MW-C	d	Vanadium	7440-62-2	mg/L	4/27/2017	n/a	0.005	ND	
MW-C	d	Zinc	7440-66-6	mg/L	4/27/2017	n/a	0.02	ND	
MW-C	d	Acetone	67-64-1	ug/L	4/27/2017	n/a	10	ND	
MW-C	d	Acrylonitrile	107-13-1	ug/L	4/27/2017	n/a	10	ND	
MW-C	d	Benzene	71-43-2	ug/L	4/27/2017	n/a	0.5	ND	
MW-C	d	Bromochloromethane	74-97-5	ug/L	4/27/2017	n/a	5	ND	
MW-C	d	Bromodichloromethane	75-27-4	ug/L	4/27/2017	n/a	1	ND	
MW-C	d	Bromoform	75-25-2	ug/L	4/27/2017	n/a	5	ND	
MW-C	d	Carbon disulfide	75-15-0	ug/L	4/27/2017	n/a	1	ND	
MW-C	d	Carbon Tetrachloride	56-23-5	ug/L	4/27/2017	n/a	2	ND	
MW-C	d	Chlorobenzene	108-90-7	ug/L	4/27/2017	n/a	1	ND	
MW-C	d	Chloroethane	75-00-3	ug/L	4/27/2017	n/a	4	ND	
MW-C	d	Chloroform	67-66-3	ug/L	4/27/2017	n/a	1	ND	
MW-C	d	Chlorodibromomethane	124-48-1	ug/L	4/27/2017	n/a	5	ND	
MW-C	d	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	4/27/2017	n/a	0.5	ND	
MW-C	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	4/27/2017	n/a	0.13	ND	
MW-C	d	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	4/27/2017	n/a	10	ND	
MW-C	d	1,1-Dichloroethane	75-34-3	ug/L	4/27/2017	n/a	1	ND	
MW-C	d	1,2-Dichloroethane	107-06-2	ug/L	4/27/2017	n/a	1	ND	
MW-C	d	1,1-Dichloroethene	75-35-4	ug/L	4/27/2017	n/a	2	ND	
MW-C	d	cis-1,2-Dichloroethene	156-59-2	ug/L	4/27/2017	n/a	1	ND	
MW-C	d	trans-1,2-Dichloroethene	156-60-5	ug/L	4/27/2017	n/a	1	ND	
MW-C	d	1,2-Dichloropropane	78-87-5	ug/L	4/27/2017	n/a	1	ND	
MW-C	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	4/27/2017	n/a	5	ND	
MW-C	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	4/27/2017	n/a	5	ND	
MW-C	d	1,2-Dichlorobenzene	95-50-1	ug/L	4/27/2017	n/a	1	ND	
MW-C	d	1,4-Dichlorobenzene	106-46-7	ug/L	4/27/2017	n/a	1	ND	
MW-C	d	Ethylbenzene	100-41-4	ug/L	4/27/2017	n/a	1	ND	
MW-C	d	2-Hexanone	591-78-6	ug/L	4/27/2017	n/a	10	ND	
MW-C	d	Bromomethane	74-83-9	ug/L	4/27/2017	0.22	4	JB	0.357

Table 9A
Analytical Data Summary - Phase II MSWLF
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Phase II MSWLF and CWTS
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Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-C	d	Chloromethane	74-87-3	ug/L	4/27/2017	n/a	3	ND	
MW-C	d	2-Butanone	78-93-3	ug/L	4/27/2017	n/a	10	ND	
MW-C	d	Iodomethane	74-88-4	ug/L	4/27/2017	n/a	10	ND	
MW-C	d	4-Methyl-2-pentanone	108-10-1	ug/L	4/27/2017	0.22	10	J	0.909
MW-C	d	Methylene Bromide	74-95-3	ug/L	4/27/2017	n/a	1	ND	
MW-C	d	Methylene Chloride	75-09-2	ug/L	4/27/2017	0.17	5	JB	0.556
MW-C	d	Styrene	100-42-5	ug/L	4/27/2017	n/a	1	ND	
MW-C	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	4/27/2017	n/a	1	ND	
MW-C	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	4/27/2017	n/a	1	ND	
MW-C	d	Tetrachloroethene	127-18-4	ug/L	4/27/2017	n/a	1	ND	
MW-C	d	Toluene	108-88-3	ug/L	4/27/2017	n/a	1	ND	
MW-C	d	1,1,1-Trichloroethane	71-55-6	ug/L	4/27/2017	n/a	1	ND	
MW-C	d	1,1,2-Trichloroethane	79-00-5	ug/L	4/27/2017	n/a	1	ND	
MW-C	d	Trichloroethene	79-01-6	ug/L	4/27/2017	n/a	1	ND	
MW-C	d	Trichlorofluoromethane	75-69-4	ug/L	4/27/2017	n/a	4	ND	
MW-C	d	1,2,3-Trichloropropane	96-18-4	ug/L	4/27/2017	n/a	1	ND	
MW-C	d	Vinyl acetate	108-05-4	ug/L	4/27/2017	n/a	10	ND	
MW-C	d	Vinyl chloride	75-01-4	ug/L	4/27/2017	n/a	1	ND	
MW-C	d	Xylenes, total	1330-20-7	ug/L	4/27/2017	n/a	3	ND	
MW-C	d	Total Suspended Solids	TSS	mg/L	4/27/2017	0.581	1.88	J	1.38
MW-C	d	4-Bromofluorobenzene	460-00-4	ug/L	4/27/2017	n/a	n/a		49.8
MW-C	d	Dibromofluoromethane	1868-53-7	ug/L	4/27/2017	n/a	n/a		47.3
MW-C	d	Toluene-d8	2037-26-5	ug/L	4/27/2017	n/a	n/a		46.9
MW-26	u	Antimony	7440-36-0	mg/L	4/28/2017	n/a	0.001	ND	
MW-26	u	Arsenic	7440-38-2	mg/L	4/28/2017	n/a	0.002	ND	
MW-26	u	Barium	7440-39-3	mg/L	4/28/2017	0.00104	0.002		0.0657
MW-26	u	Beryllium	7440-41-7	mg/L	4/28/2017	n/a	0.001	ND	
MW-26	u	Cadmium	7440-43-9	mg/L	4/28/2017	0.0000441	0.0005	J	0.000059
MW-26	u	Chromium	7440-47-3	mg/L	4/28/2017	0.000729	0.005		0.00678
MW-26	u	Cobalt	7440-48-4	mg/L	4/28/2017	n/a	0.0005	ND	
MW-26	u	Copper	7440-50-8	mg/L	4/28/2017	n/a	0.005	ND	
MW-26	u	Lead	7439-92-1	mg/L	4/28/2017	n/a	0.0005	ND	
MW-26	u	Nickel	7440-02-0	mg/L	4/28/2017	n/a	0.005	ND	
MW-26	u	Selenium	7782-49-2	mg/L	4/28/2017	0.000928	0.005		0.0715
MW-26	u	Silver	7440-22-4	mg/L	4/28/2017	n/a	0.001	ND	
MW-26	u	Thallium	7440-28-0	mg/L	4/28/2017	n/a	0.001	ND	
MW-26	u	Vanadium	7440-62-2	mg/L	4/28/2017	0.00084	0.005	J	0.000943
MW-26	u	Zinc	7440-66-6	mg/L	4/28/2017	n/a	0.02	ND	
MW-26	u	Total Suspended Solids	TSS	mg/L	4/28/2017	0.581	1.88		2.25
MW-67	d	Antimony	7440-36-0	mg/L	4/28/2017	n/a	0.001	ND	
MW-67	d	Arsenic	7440-38-2	mg/L	4/28/2017	n/a	0.002	ND	
MW-67	d	Barium	7440-39-3	mg/L	4/28/2017	0.00104	0.002		0.0383
MW-67	d	Beryllium	7440-41-7	mg/L	4/28/2017	n/a	0.001	ND	
MW-67	d	Cadmium	7440-43-9	mg/L	4/28/2017	n/a	0.0005	ND	
MW-67	d	Chromium	7440-47-3	mg/L	4/28/2017	n/a	0.005	ND	
MW-67	d	Cobalt	7440-48-4	mg/L	4/28/2017	n/a	0.0005	ND	
MW-67	d	Copper	7440-50-8	mg/L	4/28/2017	n/a	0.005	ND	
MW-67	d	Lead	7439-92-1	mg/L	4/28/2017	n/a	0.0005	ND	
MW-67	d	Nickel	7440-02-0	mg/L	4/28/2017	0.000929	0.005	J	0.00113
MW-67	d	Selenium	7782-49-2	mg/L	4/28/2017	n/a	0.005	ND	
MW-67	d	Silver	7440-22-4	mg/L	4/28/2017	n/a	0.001	ND	
MW-67	d	Thallium	7440-28-0	mg/L	4/28/2017	n/a	0.001	ND	
MW-67	d	Vanadium	7440-62-2	mg/L	4/28/2017	n/a	0.005	ND	
MW-67	d	Zinc	7440-66-6	mg/L	4/28/2017	n/a	0.02	ND	
MW-67	d	Acetone	67-64-1	ug/L	4/28/2017	n/a	10	ND	
MW-67	d	Acrylonitrile	107-13-1	ug/L	4/28/2017	n/a	10	ND	
MW-67	d	Benzene	71-43-2	ug/L	4/28/2017	n/a	0.5	ND	
MW-67	d	Bromochloromethane	74-97-5	ug/L	4/28/2017	n/a	5	ND	
MW-67	d	Bromodichloromethane	75-27-4	ug/L	4/28/2017	n/a	1	ND	
MW-67	d	Bromoform	75-25-2	ug/L	4/28/2017	n/a	5	ND	
MW-67	d	Carbon disulfide	75-15-0	ug/L	4/28/2017	n/a	1	ND	
MW-67	d	Carbon Tetrachloride	56-23-5	ug/L	4/28/2017	n/a	2	ND	
MW-67	d	Chlorobenzene	108-90-7	ug/L	4/28/2017	n/a	1	ND	
MW-67	d	Chloroethane	75-00-3	ug/L	4/28/2017	n/a	4	ND	
MW-67	d	Chloroform	67-66-3	ug/L	4/28/2017	n/a	1	ND	
MW-67	d	Chlorodibromomethane	124-48-1	ug/L	4/28/2017	n/a	5	ND	
MW-67	d	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	4/28/2017	n/a	0.5	ND	
MW-67	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	4/28/2017	n/a	0.13	ND	
MW-67	d	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	4/28/2017	n/a	10	ND	
MW-67	d	1,1-Dichloroethane	75-34-3	ug/L	4/28/2017	n/a	1	ND	
MW-67	d	1,2-Dichloroethane	107-06-2	ug/L	4/28/2017	n/a	1	ND	
MW-67	d	1,1-Dichloroethene	75-35-4	ug/L	4/28/2017	n/a	2	ND	
MW-67	d	cis-1,2-Dichloroethene	156-59-2	ug/L	4/28/2017	n/a	1	ND	
MW-67	d	trans-1,2-Dichloroethene	156-60-5	ug/L	4/28/2017	n/a	1	ND	
MW-67	d	1,2-Dichloropropane	78-87-5	ug/L	4/28/2017	n/a	1	ND	

Table 9A
Analytical Data Summary - Phase II MSWLF
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Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-67	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	4/28/2017	n/a	5	ND	
MW-67	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	4/28/2017	n/a	5	ND	
MW-67	d	1,2-Dichlorobenzene	95-50-1	ug/L	4/28/2017	n/a	1	ND	
MW-67	d	1,4-Dichlorobenzene	106-46-7	ug/L	4/28/2017	n/a	1	ND	
MW-67	d	Ethylbenzene	100-41-4	ug/L	4/28/2017	n/a	1	ND	
MW-67	d	2-Hexanone	591-78-6	ug/L	4/28/2017	n/a	10	ND	
MW-67	d	Bromomethane	74-83-9	ug/L	4/28/2017	0.22	4	JB	0.374
MW-67	d	Chloromethane	74-87-3	ug/L	4/28/2017	0.31	3	JB	0.383
MW-67	d	2-Butanone	78-93-3	ug/L	4/28/2017	n/a	10	ND	
MW-67	d	Iodomethane	74-88-4	ug/L	4/28/2017	n/a	10	ND	
MW-67	d	4-Methyl-2-pentanone	108-10-1	ug/L	4/28/2017	n/a	10	ND	
MW-67	d	Methylene Bromide	74-95-3	ug/L	4/28/2017	n/a	1	ND	
MW-67	d	Methylene Chloride	75-09-2	ug/L	4/28/2017	0.17	5	JB	0.707
MW-67	d	Styrene	100-42-5	ug/L	4/28/2017	n/a	1	ND	
MW-67	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	4/28/2017	n/a	1	ND	
MW-67	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	4/28/2017	n/a	1	ND	
MW-67	d	Tetrachloroethene	127-18-4	ug/L	4/28/2017	n/a	1	ND	
MW-67	d	Toluene	108-88-3	ug/L	4/28/2017	n/a	1	ND	
MW-67	d	1,1,1-Trichloroethane	71-55-6	ug/L	4/28/2017	n/a	1	ND	
MW-67	d	1,1,2-Trichloroethane	79-00-5	ug/L	4/28/2017	n/a	1	ND	
MW-67	d	Trichloroethene	79-01-6	ug/L	4/28/2017	n/a	1	ND	
MW-67	d	Trichlorofluoromethane	75-69-4	ug/L	4/28/2017	n/a	4	ND	
MW-67	d	1,2,3-Trichloropropane	96-18-4	ug/L	4/28/2017	n/a	1	ND	
MW-67	d	Vinyl acetate	108-05-4	ug/L	4/28/2017	n/a	10	ND	
MW-67	d	Vinyl chloride	75-01-4	ug/L	4/28/2017	n/a	1	ND	
MW-67	d	Xylenes, total	1330-20-7	ug/L	4/28/2017	n/a	3	ND	
MW-67	d	Total Suspended Solids	TSS	mg/L	4/28/2017	0.581	1.88	J	0.625
MW-67	d	4-Bromofluorobenzene	460-00-4	ug/L	4/28/2017	n/a	n/a		49
MW-67	d	Dibromofluoromethane	1868-53-7	ug/L	4/28/2017	n/a	n/a		48.8
MW-67	d	Toluene-d8	2037-26-5	ug/L	4/28/2017	n/a	n/a		46.9
GU-5	d	Antimony	7440-36-0	mg/L	10/17/2017	0.001	n/a	ND	
GU-5	d	Arsenic	7440-38-2	mg/L	10/17/2017	n/a	n/a		0.0105
GU-5	d	Barium	7440-39-3	mg/L	10/17/2017	n/a	n/a		0.188
GU-5	d	Beryllium	7440-41-7	mg/L	10/17/2017	0.001	n/a	ND	
GU-5	d	Cadmium	7440-43-9	mg/L	10/17/2017	n/a	n/a	J	0.000155
GU-5	d	Chromium	7440-47-3	mg/L	10/17/2017	0.005	n/a	ND	
GU-5	d	Cobalt	7440-48-4	mg/L	10/17/2017	n/a	n/a		0.00563
GU-5	d	Copper	7440-50-8	mg/L	10/17/2017	0.005	n/a	ND	
GU-5	d	Lead	7439-92-1	mg/L	10/17/2017	0.0005	n/a	ND	
GU-5	d	Nickel	7440-02-0	mg/L	10/17/2017	n/a	n/a		0.0115
GU-5	d	Selenium	7782-49-2	mg/L	10/17/2017	0.005	n/a	ND	
GU-5	d	Silver	7440-22-4	mg/L	10/17/2017	0.001	n/a	ND	
GU-5	d	Thallium	7440-28-0	mg/L	10/17/2017	0.001	n/a	ND	
GU-5	d	Vanadium	7440-62-2	mg/L	10/17/2017	0.005	n/a	ND	
GU-5	d	Zinc	7440-66-6	mg/L	10/17/2017	0.02	n/a	ND	
GU-5	d	Acetone	67-64-1	ug/L	10/17/2017	n/a	n/a	J	3.14
GU-5	d	Acrylonitrile	107-13-1	ug/L	10/17/2017	10	n/a	ND	
GU-5	d	Benzene	71-43-2	ug/L	10/17/2017	0.5	n/a	ND	
GU-5	d	Bromochloromethane	74-97-5	ug/L	10/17/2017	5	n/a	ND	
GU-5	d	Bromodichloromethane	75-27-4	ug/L	10/17/2017	1	n/a	ND	
GU-5	d	Bromoform	75-25-2	ug/L	10/17/2017	5	n/a	ND	
GU-5	d	Carbon disulfide	75-15-0	ug/L	10/17/2017	1	n/a	ND	
GU-5	d	Carbon Tetrachloride	56-23-5	ug/L	10/17/2017	2	n/a	ND	
GU-5	d	Chlorobenzene	108-90-7	ug/L	10/17/2017	1	n/a	ND	
GU-5	d	Chloroethane	75-00-3	ug/L	10/17/2017	4	n/a	ND	
GU-5	d	Chloroform	67-66-3	ug/L	10/17/2017	1	n/a	ND	
GU-5	d	Chlorodibromomethane	124-48-1	ug/L	10/17/2017	5	n/a	ND	
GU-5	d	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	10/17/2017	0.5	n/a	ND	
GU-5	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	10/17/2017	0.13	n/a	ND	
GU-5	d	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	10/17/2017	10	n/a	ND	
GU-5	d	1,1-Dichloroethane	75-34-3	ug/L	10/17/2017	1	n/a	ND	
GU-5	d	1,2-Dichloroethane	107-06-2	ug/L	10/17/2017	1	n/a	ND	
GU-5	d	1,1-Dichloroethene	75-35-4	ug/L	10/17/2017	2	n/a	ND	
GU-5	d	cis-1,2-Dichloroethene	156-59-2	ug/L	10/17/2017	1	n/a	ND	
GU-5	d	trans-1,2-Dichloroethene	156-60-5	ug/L	10/17/2017	1	n/a	ND	
GU-5	d	1,2-Dichloropropane	78-87-5	ug/L	10/17/2017	1	n/a	ND	
GU-5	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	10/17/2017	5	n/a	ND	
GU-5	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	10/17/2017	5	n/a	ND	
GU-5	d	1,2-Dichlorobenzene	95-50-1	ug/L	10/17/2017	1	n/a	ND	
GU-5	d	1,4-Dichlorobenzene	106-46-7	ug/L	10/17/2017	1	n/a	ND	
GU-5	d	Ethylbenzene	100-41-4	ug/L	10/17/2017	1	n/a	ND	
GU-5	d	2-Hexanone	591-78-6	ug/L	10/17/2017	10	n/a	ND	
GU-5	d	Bromomethane	74-83-9	ug/L	10/17/2017	4	n/a	ND	
GU-5	d	Chloromethane	74-87-3	ug/L	10/17/2017	3	n/a	ND	
GU-5	d	2-Butanone	78-93-3	ug/L	10/17/2017	10	n/a	ND	

Table 9A
Analytical Data Summary - Phase II MSWLF
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Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
GU-5	d	Iodomethane	74-88-4	ug/L	10/17/2017	10	n/a	ND	
GU-5	d	4-Methyl-2-pentanone	108-10-1	ug/L	10/17/2017	10	n/a	ND	
GU-5	d	Methylene Bromide	74-95-3	ug/L	10/17/2017	1	n/a	ND	
GU-5	d	Methylene Chloride	75-09-2	ug/L	10/17/2017	5	n/a	ND	
GU-5	d	Styrene	100-42-5	ug/L	10/17/2017	1	n/a	ND	
GU-5	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	10/17/2017	1	n/a	ND	
GU-5	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	10/17/2017	1	n/a	ND	
GU-5	d	Tetrachloroethene	127-18-4	ug/L	10/17/2017	1	n/a	ND	
GU-5	d	Toluene	108-88-3	ug/L	10/17/2017	1	n/a	ND	
GU-5	d	1,1,1-Trichloroethane	71-55-6	ug/L	10/17/2017	1	n/a	ND	
GU-5	d	1,1,2-Trichloroethane	79-00-5	ug/L	10/17/2017	1	n/a	ND	
GU-5	d	Trichloroethene	79-01-6	ug/L	10/17/2017	1	n/a	ND	
GU-5	d	Trichlorofluoromethane	75-69-4	ug/L	10/17/2017	4	n/a	ND	
GU-5	d	1,2,3-Trichloropropane	96-18-4	ug/L	10/17/2017	1	n/a	ND	
GU-5	d	Vinyl acetate	108-05-4	ug/L	10/17/2017	10	n/a	ND	
GU-5	d	Vinyl chloride	75-01-4	ug/L	10/17/2017	1	n/a	ND	
GU-5	d	Xylenes, total	1330-20-7	ug/L	10/17/2017	3	n/a	ND	
GU-5	d	Total Suspended Solids	TSS	mg/L	10/17/2017	n/a	n/a		72.5
MW-26	u	Antimony	7440-36-0	mg/L	10/17/2017	0.001	n/a	ND	
MW-26	u	Arsenic	7440-38-2	mg/L	10/17/2017	0.002	n/a	ND	
MW-26	u	Barium	7440-39-3	mg/L	10/17/2017	n/a	n/a		0.0621
MW-26	u	Beryllium	7440-41-7	mg/L	10/17/2017	0.001	n/a	ND	
MW-26	u	Cadmium	7440-43-9	mg/L	10/17/2017	n/a	n/a	J	0.000045
MW-26	u	Chromium	7440-47-3	mg/L	10/17/2017	n/a	n/a		0.0105
MW-26	u	Cobalt	7440-48-4	mg/L	10/17/2017	n/a	n/a	J	0.000078
MW-26	u	Copper	7440-50-8	mg/L	10/17/2017	0.005	n/a	ND	
MW-26	u	Lead	7439-92-1	mg/L	10/17/2017	0.0005	n/a	ND	
MW-26	u	Nickel	7440-02-0	mg/L	10/17/2017	n/a	n/a	J	0.00109
MW-26	u	Selenium	7782-49-2	mg/L	10/17/2017	n/a	n/a		0.0666
MW-26	u	Silver	7440-22-4	mg/L	10/17/2017	0.001	n/a	ND	
MW-26	u	Thallium	7440-28-0	mg/L	10/17/2017	0.001	n/a	ND	
MW-26	u	Vanadium	7440-62-2	mg/L	10/17/2017	n/a	n/a	J	0.00089
MW-26	u	Zinc	7440-66-6	mg/L	10/17/2017	0.02	n/a	ND	
MW-26	u	Total Suspended Solids	TSS	mg/L	10/17/2017	n/a	n/a		2.75
MW-67	d	Antimony	7440-36-0	mg/L	10/17/2017	n/a	n/a	J	0.000214
MW-67	d	Arsenic	7440-38-2	mg/L	10/17/2017	0.002	n/a	ND	
MW-67	d	Barium	7440-39-3	mg/L	10/17/2017	n/a	n/a		0.0478
MW-67	d	Beryllium	7440-41-7	mg/L	10/17/2017	0.001	n/a	ND	
MW-67	d	Cadmium	7440-43-9	mg/L	10/17/2017	n/a	n/a	J	0.000107
MW-67	d	Chromium	7440-47-3	mg/L	10/17/2017	0.005	n/a	ND	
MW-67	d	Cobalt	7440-48-4	mg/L	10/17/2017	n/a	n/a	J	0.000236
MW-67	d	Copper	7440-50-8	mg/L	10/17/2017	0.005	n/a	ND	
MW-67	d	Lead	7439-92-1	mg/L	10/17/2017	n/a	n/a	J	0.000325
MW-67	d	Nickel	7440-02-0	mg/L	10/17/2017	n/a	n/a		0.00798
MW-67	d	Selenium	7782-49-2	mg/L	10/17/2017	0.005	n/a	ND	
MW-67	d	Silver	7440-22-4	mg/L	10/17/2017	0.001	n/a	ND	
MW-67	d	Thallium	7440-28-0	mg/L	10/17/2017	0.001	n/a	ND	
MW-67	d	Vanadium	7440-62-2	mg/L	10/17/2017	0.005	n/a	ND	
MW-67	d	Zinc	7440-66-6	mg/L	10/17/2017	0.02	n/a	ND	
MW-67	d	Acetone	67-64-1	ug/L	10/17/2017	10	n/a	ND	
MW-67	d	Acrylonitrile	107-13-1	ug/L	10/17/2017	10	n/a	ND	
MW-67	d	Benzene	71-43-2	ug/L	10/17/2017	0.5	n/a	ND	
MW-67	d	Bromochloromethane	74-97-5	ug/L	10/17/2017	5	n/a	ND	
MW-67	d	Bromodichloromethane	75-27-4	ug/L	10/17/2017	1	n/a	ND	
MW-67	d	Bromoform	75-25-2	ug/L	10/17/2017	5	n/a	ND	
MW-67	d	Carbon disulfide	75-15-0	ug/L	10/17/2017	1	n/a	ND	
MW-67	d	Carbon Tetrachloride	56-23-5	ug/L	10/17/2017	2	n/a	ND	
MW-67	d	Chlorobenzene	108-90-7	ug/L	10/17/2017	1	n/a	ND	
MW-67	d	Chloroethane	75-00-3	ug/L	10/17/2017	4	n/a	ND	
MW-67	d	Chloroform	67-66-3	ug/L	10/17/2017	1	n/a	ND	
MW-67	d	Chlorodibromomethane	124-48-1	ug/L	10/17/2017	5	n/a	ND	
MW-67	d	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	10/17/2017	0.5	n/a	ND	
MW-67	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	10/17/2017	0.13	n/a	ND	
MW-67	d	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	10/17/2017	10	n/a	ND	
MW-67	d	1,1-Dichloroethane	75-34-3	ug/L	10/17/2017	1	n/a	ND	
MW-67	d	1,2-Dichloroethane	107-06-2	ug/L	10/17/2017	1	n/a	ND	
MW-67	d	1,1-Dichloroethene	75-35-4	ug/L	10/17/2017	2	n/a	ND	
MW-67	d	cis-1,2-Dichloroethene	156-59-2	ug/L	10/17/2017	1	n/a	ND	
MW-67	d	trans-1,2-Dichloroethene	156-60-5	ug/L	10/17/2017	1	n/a	ND	
MW-67	d	1,2-Dichloropropane	78-87-5	ug/L	10/17/2017	1	n/a	ND	
MW-67	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	10/17/2017	5	n/a	ND	
MW-67	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	10/17/2017	5	n/a	ND	
MW-67	d	1,2-Dichlorobenzene	95-50-1	ug/L	10/17/2017	1	n/a	ND	
MW-67	d	1,4-Dichlorobenzene	106-46-7	ug/L	10/17/2017	1	n/a	ND	
MW-67	d	Ethylbenzene	100-41-4	ug/L	10/17/2017	1	n/a	ND	

Table 9A
Analytical Data Summary - Phase II MSWLF
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Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-67	d	2-Hexanone	591-78-6	ug/L	10/17/2017	10	n/a	ND	
MW-67	d	Bromomethane	74-83-9	ug/L	10/17/2017	4	n/a	ND	
MW-67	d	Chloromethane	74-87-3	ug/L	10/17/2017	3	n/a	ND	
MW-67	d	2-Butanone	78-93-3	ug/L	10/17/2017	10	n/a	ND	
MW-67	d	Iodomethane	74-88-4	ug/L	10/17/2017	10	n/a	ND	
MW-67	d	4-Methyl-2-pentanone	108-10-1	ug/L	10/17/2017	10	n/a	ND	
MW-67	d	Methylene Bromide	74-95-3	ug/L	10/17/2017	1	n/a	ND	
MW-67	d	Methylene Chloride	75-09-2	ug/L	10/17/2017	5	n/a	ND	
MW-67	d	Styrene	100-42-5	ug/L	10/17/2017	1	n/a	ND	
MW-67	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	10/17/2017	1	n/a	ND	
MW-67	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	10/17/2017	1	n/a	ND	
MW-67	d	Tetrachloroethene	127-18-4	ug/L	10/17/2017	1	n/a	ND	
MW-67	d	Toluene	108-88-3	ug/L	10/17/2017	1	n/a	ND	
MW-67	d	1,1,1-Trichloroethane	71-55-6	ug/L	10/17/2017	1	n/a	ND	
MW-67	d	1,1,2-Trichloroethane	79-00-5	ug/L	10/17/2017	1	n/a	ND	
MW-67	d	Trichloroethene	79-01-6	ug/L	10/17/2017	1	n/a	ND	
MW-67	d	Trichlorofluoromethane	75-69-4	ug/L	10/17/2017	4	n/a	ND	
MW-67	d	1,2,3-Trichloropropane	96-18-4	ug/L	10/17/2017	1	n/a	ND	
MW-67	d	Vinyl acetate	108-05-4	ug/L	10/17/2017	10	n/a	ND	
MW-67	d	Vinyl chloride	75-01-4	ug/L	10/17/2017	1	n/a	ND	
MW-67	d	Xylenes, total	1330-20-7	ug/L	10/17/2017	3	n/a	ND	
MW-67	d	Total Suspended Solids	TSS	mg/L	10/17/2017	n/a	n/a	J	1.5
MW-B	d	Antimony	7440-36-0	mg/L	10/17/2017	n/a	n/a	J	0.000695
MW-B	d	Arsenic	7440-38-2	mg/L	10/17/2017	n/a	n/a	J	0.00169
MW-B	d	Barium	7440-39-3	mg/L	10/17/2017	n/a	n/a		0.0539
MW-B	d	Beryllium	7440-41-7	mg/L	10/17/2017	0.001	n/a	ND	
MW-B	d	Cadmium	7440-43-9	mg/L	10/17/2017	n/a	n/a	J	0.000216
MW-B	d	Chromium	7440-47-3	mg/L	10/17/2017	0.005	n/a	ND	
MW-B	d	Cobalt	7440-48-4	mg/L	10/17/2017	n/a	n/a		0.0024
MW-B	d	Copper	7440-50-8	mg/L	10/17/2017	n/a	n/a		0.0102
MW-B	d	Lead	7439-92-1	mg/L	10/17/2017	n/a	n/a		0.00416
MW-B	d	Nickel	7440-02-0	mg/L	10/17/2017	n/a	n/a		0.00558
MW-B	d	Selenium	7782-49-2	mg/L	10/17/2017	0.005	n/a	ND	
MW-B	d	Silver	7440-22-4	mg/L	10/17/2017	n/a	n/a	J	0.000189
MW-B	d	Thallium	7440-28-0	mg/L	10/17/2017	0.001	n/a	ND	
MW-B	d	Vanadium	7440-62-2	mg/L	10/17/2017	n/a	n/a	J	0.0015
MW-B	d	Zinc	7440-66-6	mg/L	10/17/2017	n/a	n/a	J	0.0145
MW-B	d	Acetone	67-64-1	ug/L	10/17/2017	n/a	n/a	J	2.45
MW-B	d	Acrylonitrile	107-13-1	ug/L	10/17/2017	10	n/a	ND	
MW-B	d	Benzene	71-43-2	ug/L	10/17/2017	0.5	n/a	ND	
MW-B	d	Bromochloromethane	74-97-5	ug/L	10/17/2017	5	n/a	ND	
MW-B	d	Bromodichloromethane	75-27-4	ug/L	10/17/2017	1	n/a	ND	
MW-B	d	Bromoform	75-25-2	ug/L	10/17/2017	5	n/a	ND	
MW-B	d	Carbon disulfide	75-15-0	ug/L	10/17/2017	1	n/a	ND	
MW-B	d	Carbon Tetrachloride	56-23-5	ug/L	10/17/2017	2	n/a	ND	
MW-B	d	Chlorobenzene	108-90-7	ug/L	10/17/2017	1	n/a	ND	
MW-B	d	Chloroethane	75-00-3	ug/L	10/17/2017	4	n/a	ND	
MW-B	d	Chloroform	67-66-3	ug/L	10/17/2017	1	n/a	ND	
MW-B	d	Chlorodibromomethane	124-48-1	ug/L	10/17/2017	5	n/a	ND	
MW-B	d	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	10/17/2017	0.5	n/a	ND	
MW-B	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	10/17/2017	0.13	n/a	ND	
MW-B	d	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	10/17/2017	10	n/a	ND	
MW-B	d	1,1-Dichloroethane	75-34-3	ug/L	10/17/2017	1	n/a	ND	
MW-B	d	1,2-Dichloroethane	107-06-2	ug/L	10/17/2017	1	n/a	ND	
MW-B	d	1,1-Dichloroethene	75-35-4	ug/L	10/17/2017	2	n/a	ND	
MW-B	d	cis-1,2-Dichloroethene	156-59-2	ug/L	10/17/2017	1	n/a	ND	
MW-B	d	trans-1,2-Dichloroethene	156-60-5	ug/L	10/17/2017	1	n/a	ND	
MW-B	d	1,2-Dichloropropane	78-87-5	ug/L	10/17/2017	1	n/a	ND	
MW-B	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	10/17/2017	5	n/a	ND	
MW-B	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	10/17/2017	5	n/a	ND	
MW-B	d	1,2-Dichlorobenzene	95-50-1	ug/L	10/17/2017	1	n/a	ND	
MW-B	d	1,4-Dichlorobenzene	106-46-7	ug/L	10/17/2017	1	n/a	ND	
MW-B	d	Ethylbenzene	100-41-4	ug/L	10/17/2017	1	n/a	ND	
MW-B	d	2-Hexanone	591-78-6	ug/L	10/17/2017	10	n/a	ND	
MW-B	d	Bromomethane	74-83-9	ug/L	10/17/2017	4	n/a	ND	
MW-B	d	Chloromethane	74-87-3	ug/L	10/17/2017	3	n/a	ND	
MW-B	d	2-Butanone	78-93-3	ug/L	10/17/2017	10	n/a	ND	
MW-B	d	Iodomethane	74-88-4	ug/L	10/17/2017	10	n/a	ND	
MW-B	d	4-Methyl-2-pentanone	108-10-1	ug/L	10/17/2017	10	n/a	ND	
MW-B	d	Methylene Bromide	74-95-3	ug/L	10/17/2017	1	n/a	ND	
MW-B	d	Methylene Chloride	75-09-2	ug/L	10/17/2017	5	n/a	ND	
MW-B	d	Styrene	100-42-5	ug/L	10/17/2017	1	n/a	ND	
MW-B	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	10/17/2017	1	n/a	ND	
MW-B	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	10/17/2017	1	n/a	ND	
MW-B	d	Tetrachloroethene	127-18-4	ug/L	10/17/2017	1	n/a	ND	

Table 9A
Analytical Data Summary - Phase II MSWLF
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Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-B	d	Toluene	108-88-3	ug/L	10/17/2017	1	n/a	ND	
MW-B	d	1,1,1-Trichloroethane	71-55-6	ug/L	10/17/2017	1	n/a	ND	
MW-B	d	1,1,2-Trichloroethane	79-00-5	ug/L	10/17/2017	1	n/a	ND	
MW-B	d	Trichloroethene	79-01-6	ug/L	10/17/2017	1	n/a	ND	
MW-B	d	Trichlorofluoromethane	75-69-4	ug/L	10/17/2017	4	n/a	ND	
MW-B	d	1,2,3-Trichloropropane	96-18-4	ug/L	10/17/2017	1	n/a	ND	
MW-B	d	Vinyl acetate	108-05-4	ug/L	10/17/2017	10	n/a	ND	
MW-B	d	Vinyl chloride	75-01-4	ug/L	10/17/2017	1	n/a	ND	
MW-B	d	Xylenes, total	1330-20-7	ug/L	10/17/2017	3	n/a	ND	
MW-B	d	Total Suspended Solids	TSS	mg/L	10/17/2017	n/a	n/a		57.3
MW-C	d	Antimony	7440-36-0	mg/L	10/17/2017	0.001	n/a	ND	
MW-C	d	Antimony	7440-36-0	mg/L	10/17/2017	0.001	n/a	ND	
MW-C	d	Arsenic	7440-38-2	mg/L	10/17/2017	n/a	n/a	J	0.00105
MW-C	d	Arsenic	7440-38-2	mg/L	10/17/2017	n/a	n/a	J	0.00116
MW-C	d	Barium	7440-39-3	mg/L	10/17/2017	n/a	n/a		0.527
MW-C	d	Barium	7440-39-3	mg/L	10/17/2017	n/a	n/a		0.548
MW-C	d	Beryllium	7440-41-7	mg/L	10/17/2017	0.001	n/a	ND	
MW-C	d	Beryllium	7440-41-7	mg/L	10/17/2017	0.001	n/a	ND	
MW-C	d	Cadmium	7440-43-9	mg/L	10/17/2017	0.0005	n/a	ND	
MW-C	d	Cadmium	7440-43-9	mg/L	10/17/2017	0.0005	n/a	ND	
MW-C	d	Chromium	7440-47-3	mg/L	10/17/2017	0.005	n/a	ND	
MW-C	d	Chromium	7440-47-3	mg/L	10/17/2017	0.005	n/a	ND	
MW-C	d	Cobalt	7440-48-4	mg/L	10/17/2017	n/a	n/a		0.000658
MW-C	d	Cobalt	7440-48-4	mg/L	10/17/2017	n/a	n/a		0.000614
MW-C	d	Copper	7440-50-8	mg/L	10/17/2017	0.005	n/a	ND	
MW-C	d	Copper	7440-50-8	mg/L	10/17/2017	0.005	n/a	ND	
MW-C	d	Lead	7439-92-1	mg/L	10/17/2017	0.0005	n/a	ND	
MW-C	d	Lead	7439-92-1	mg/L	10/17/2017	0.0005	n/a	ND	
MW-C	d	Nickel	7440-02-0	mg/L	10/17/2017	0.005	n/a	ND	
MW-C	d	Nickel	7440-02-0	mg/L	10/17/2017	0.005	n/a	ND	
MW-C	d	Selenium	7782-49-2	mg/L	10/17/2017	0.005	n/a	ND	
MW-C	d	Selenium	7782-49-2	mg/L	10/17/2017	0.005	n/a	ND	
MW-C	d	Silver	7440-22-4	mg/L	10/17/2017	0.001	n/a	ND	
MW-C	d	Silver	7440-22-4	mg/L	10/17/2017	0.001	n/a	ND	
MW-C	d	Thallium	7440-28-0	mg/L	10/17/2017	0.001	n/a	ND	
MW-C	d	Thallium	7440-28-0	mg/L	10/17/2017	0.001	n/a	ND	
MW-C	d	Vanadium	7440-62-2	mg/L	10/17/2017	0.005	n/a	ND	
MW-C	d	Vanadium	7440-62-2	mg/L	10/17/2017	0.005	n/a	ND	
MW-C	d	Zinc	7440-66-6	mg/L	10/17/2017	0.02	n/a	ND	
MW-C	d	Zinc	7440-66-6	mg/L	10/17/2017	0.02	n/a	ND	
MW-C	d	Acetone	67-64-1	ug/L	10/17/2017	n/a	n/a	J	3.57
MW-C	d	Acetone	67-64-1	ug/L	10/17/2017	n/a	n/a	J	3.06
MW-C	d	Acrylonitrile	107-13-1	ug/L	10/17/2017	10	n/a	ND	
MW-C	d	Acrylonitrile	107-13-1	ug/L	10/17/2017	10	n/a	ND	
MW-C	d	Benzene	71-43-2	ug/L	10/17/2017	0.5	n/a	ND	
MW-C	d	Benzene	71-43-2	ug/L	10/17/2017	0.5	n/a	ND	
MW-C	d	Bromochloromethane	74-97-5	ug/L	10/17/2017	5	n/a	ND	
MW-C	d	Bromochloromethane	74-97-5	ug/L	10/17/2017	5	n/a	ND	
MW-C	d	Bromodichloromethane	75-27-4	ug/L	10/17/2017	1	n/a	ND	
MW-C	d	Bromodichloromethane	75-27-4	ug/L	10/17/2017	1	n/a	ND	
MW-C	d	Bromoform	75-25-2	ug/L	10/17/2017	5	n/a	ND	
MW-C	d	Bromoform	75-25-2	ug/L	10/17/2017	5	n/a	ND	
MW-C	d	Carbon disulfide	75-15-0	ug/L	10/17/2017	1	n/a	ND	
MW-C	d	Carbon disulfide	75-15-0	ug/L	10/17/2017	1	n/a	ND	
MW-C	d	Carbon Tetrachloride	56-23-5	ug/L	10/17/2017	2	n/a	ND	
MW-C	d	Carbon Tetrachloride	56-23-5	ug/L	10/17/2017	2	n/a	ND	
MW-C	d	Chlorobenzene	108-90-7	ug/L	10/17/2017	1	n/a	ND	
MW-C	d	Chlorobenzene	108-90-7	ug/L	10/17/2017	1	n/a	ND	
MW-C	d	Chloroethane	75-00-3	ug/L	10/17/2017	4	n/a	ND	
MW-C	d	Chloroethane	75-00-3	ug/L	10/17/2017	4	n/a	ND	
MW-C	d	Chloroform	67-66-3	ug/L	10/17/2017	1	n/a	ND	
MW-C	d	Chloroform	67-66-3	ug/L	10/17/2017	1	n/a	ND	
MW-C	d	Chlorodibromomethane	124-48-1	ug/L	10/17/2017	5	n/a	ND	
MW-C	d	Chlorodibromomethane	124-48-1	ug/L	10/17/2017	5	n/a	ND	
MW-C	d	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	10/17/2017	0.5	n/a	ND	
MW-C	d	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	10/17/2017	0.5	n/a	ND	
MW-C	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	10/17/2017	0.13	n/a	ND	
MW-C	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	10/17/2017	0.13	n/a	ND	
MW-C	d	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	10/17/2017	10	n/a	ND	
MW-C	d	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	10/17/2017	10	n/a	ND	
MW-C	d	1,1-Dichloroethane	75-34-3	ug/L	10/17/2017	1	n/a	ND	
MW-C	d	1,1-Dichloroethane	75-34-3	ug/L	10/17/2017	1	n/a	ND	
MW-C	d	1,2-Dichloroethane	107-06-2	ug/L	10/17/2017	1	n/a	ND	
MW-C	d	1,2-Dichloroethane	107-06-2	ug/L	10/17/2017	1	n/a	ND	
MW-C	d	1,1-Dichloroethene	75-35-4	ug/L	10/17/2017	2	n/a	ND	

Table 9A
Analytical Data Summary - Phase II MSWLF
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Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-C	d	1,1-Dichloroethene	75-35-4	ug/L	10/17/2017	2	n/a	ND	
MW-C	d	cis-1,2-Dichloroethene	156-59-2	ug/L	10/17/2017	1	n/a	ND	
MW-C	d	cis-1,2-Dichloroethene	156-59-2	ug/L	10/17/2017	1	n/a	ND	
MW-C	d	trans-1,2-Dichloroethene	156-60-5	ug/L	10/17/2017	1	n/a	ND	
MW-C	d	trans-1,2-Dichloroethene	156-60-5	ug/L	10/17/2017	1	n/a	ND	
MW-C	d	1,2-Dichloropropane	78-87-5	ug/L	10/17/2017	1	n/a	ND	
MW-C	d	1,2-Dichloropropane	78-87-5	ug/L	10/17/2017	1	n/a	ND	
MW-C	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	10/17/2017	5	n/a	ND	
MW-C	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	10/17/2017	5	n/a	ND	
MW-C	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	10/17/2017	5	n/a	ND	
MW-C	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	10/17/2017	5	n/a	ND	
MW-C	d	1,2-Dichlorobenzene	95-50-1	ug/L	10/17/2017	1	n/a	ND	
MW-C	d	1,2-Dichlorobenzene	95-50-1	ug/L	10/17/2017	1	n/a	ND	
MW-C	d	1,4-Dichlorobenzene	106-46-7	ug/L	10/17/2017	1	n/a	ND	
MW-C	d	1,4-Dichlorobenzene	106-46-7	ug/L	10/17/2017	1	n/a	ND	
MW-C	d	Ethylbenzene	100-41-4	ug/L	10/17/2017	1	n/a	ND	
MW-C	d	Ethylbenzene	100-41-4	ug/L	10/17/2017	1	n/a	ND	
MW-C	d	2-Hexanone	591-78-6	ug/L	10/17/2017	10	n/a	ND	
MW-C	d	2-Hexanone	591-78-6	ug/L	10/17/2017	10	n/a	ND	
MW-C	d	Bromomethane	74-83-9	ug/L	10/17/2017	4	n/a	ND	
MW-C	d	Bromomethane	74-83-9	ug/L	10/17/2017	4	n/a	ND	
MW-C	d	Chloromethane	74-87-3	ug/L	10/17/2017	3	n/a	ND	
MW-C	d	Chloromethane	74-87-3	ug/L	10/17/2017	3	n/a	ND	
MW-C	d	2-Butanone	78-93-3	ug/L	10/17/2017	10	n/a	ND	
MW-C	d	2-Butanone	78-93-3	ug/L	10/17/2017	10	n/a	ND	
MW-C	d	Iodomethane	74-88-4	ug/L	10/17/2017	10	n/a	ND	
MW-C	d	Iodomethane	74-88-4	ug/L	10/17/2017	10	n/a	ND	
MW-C	d	4-Methyl-2-pentanone	108-10-1	ug/L	10/17/2017	10	n/a	ND	
MW-C	d	4-Methyl-2-pentanone	108-10-1	ug/L	10/17/2017	10	n/a	ND	
MW-C	d	Methylene Bromide	74-95-3	ug/L	10/17/2017	1	n/a	ND	
MW-C	d	Methylene Bromide	74-95-3	ug/L	10/17/2017	1	n/a	ND	
MW-C	d	Methylene Chloride	75-09-2	ug/L	10/17/2017	5	n/a	ND	
MW-C	d	Methylene Chloride	75-09-2	ug/L	10/17/2017	5	n/a	ND	
MW-C	d	Styrene	100-42-5	ug/L	10/17/2017	1	n/a	ND	
MW-C	d	Styrene	100-42-5	ug/L	10/17/2017	1	n/a	ND	
MW-C	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	10/17/2017	1	n/a	ND	
MW-C	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	10/17/2017	1	n/a	ND	
MW-C	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	10/17/2017	1	n/a	ND	
MW-C	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	10/17/2017	1	n/a	ND	
MW-C	d	Tetrachloroethene	127-18-4	ug/L	10/17/2017	1	n/a	ND	
MW-C	d	Tetrachloroethene	127-18-4	ug/L	10/17/2017	1	n/a	ND	
MW-C	d	Toluene	108-88-3	ug/L	10/17/2017	1	n/a	ND	
MW-C	d	Toluene	108-88-3	ug/L	10/17/2017	1	n/a	ND	
MW-C	d	1,1,1-Trichloroethane	71-55-6	ug/L	10/17/2017	1	n/a	ND	
MW-C	d	1,1,1-Trichloroethane	71-55-6	ug/L	10/17/2017	1	n/a	ND	
MW-C	d	1,1,2-Trichloroethane	79-00-5	ug/L	10/17/2017	1	n/a	ND	
MW-C	d	1,1,2-Trichloroethane	79-00-5	ug/L	10/17/2017	1	n/a	ND	
MW-C	d	Trichloroethene	79-01-6	ug/L	10/17/2017	1	n/a	ND	
MW-C	d	Trichloroethene	79-01-6	ug/L	10/17/2017	1	n/a	ND	
MW-C	d	Trichlorofluoromethane	75-69-4	ug/L	10/17/2017	4	n/a	ND	
MW-C	d	Trichlorofluoromethane	75-69-4	ug/L	10/17/2017	4	n/a	ND	
MW-C	d	1,2,3-Trichloropropane	96-18-4	ug/L	10/17/2017	1	n/a	ND	
MW-C	d	1,2,3-Trichloropropane	96-18-4	ug/L	10/17/2017	1	n/a	ND	
MW-C	d	Vinyl acetate	108-05-4	ug/L	10/17/2017	10	n/a	ND	
MW-C	d	Vinyl acetate	108-05-4	ug/L	10/17/2017	10	n/a	ND	
MW-C	d	Vinyl chloride	75-01-4	ug/L	10/17/2017	1	n/a	ND	
MW-C	d	Vinyl chloride	75-01-4	ug/L	10/17/2017	1	n/a	ND	
MW-C	d	Xylenes, total	1330-20-7	ug/L	10/17/2017	3	n/a	ND	
MW-C	d	Xylenes, total	1330-20-7	ug/L	10/17/2017	3	n/a	ND	
MW-C	d	Total Suspended Solids	TSS	mg/L	10/17/2017	n/a	n/a		5.37
MW-C	d	Total Suspended Solids	TSS	mg/L	10/17/2017	n/a	n/a		6.12
GU-3	d	Antimony	7440-36-0	mg/L	11/21/2017	0.001	n/a	ND	
GU-3	d	Arsenic	7440-38-2	mg/L	11/21/2017	0.002	n/a	ND	
GU-3	d	Barium	7440-39-3	mg/L	11/21/2017	n/a	n/a		0.1
GU-3	d	Beryllium	7440-41-7	mg/L	11/21/2017	0.001	n/a	ND	
GU-3	d	Cadmium	7440-43-9	mg/L	11/21/2017	0.0005	n/a	ND	
GU-3	d	Chromium	7440-47-3	mg/L	11/21/2017	0.005	n/a	ND	
GU-3	d	Cobalt	7440-48-4	mg/L	11/21/2017	0.0005	n/a	ND	
GU-3	d	Copper	7440-50-8	mg/L	11/21/2017	0.005	n/a	ND	
GU-3	d	Lead	7439-92-1	mg/L	11/21/2017	0.0005	n/a	ND	
GU-3	d	Nickel	7440-02-0	mg/L	11/21/2017	n/a	n/a	J	0.00174
GU-3	d	Selenium	7782-49-2	mg/L	11/21/2017	n/a	n/a	J	0.000934
GU-3	d	Silver	7440-22-4	mg/L	11/21/2017	0.001	n/a	ND	
GU-3	d	Thallium	7440-28-0	mg/L	11/21/2017	0.001	n/a	ND	
GU-3	d	Vanadium	7440-62-2	mg/L	11/21/2017	0.005	n/a	ND	

Table 9A
Analytical Data Summary - Phase II MSWLF
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Phase II MSWLF and CWTS
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
GU-3	d	Zinc	7440-66-6	mg/L	11/21/2017	0.02	n/a	ND	
GU-3	d	Acetone	67-64-1	ug/L	11/21/2017	n/a	n/a	J	5.32
GU-3	d	Acrylonitrile	107-13-1	ug/L	11/21/2017	10	n/a	ND	
GU-3	d	Benzene	71-43-2	ug/L	11/21/2017	0.5	n/a	ND	
GU-3	d	Bromochloromethane	74-97-5	ug/L	11/21/2017	5	n/a	ND	
GU-3	d	Bromodichloromethane	75-27-4	ug/L	11/21/2017	1	n/a	ND	
GU-3	d	Bromoform	75-25-2	ug/L	11/21/2017	5	n/a	ND	
GU-3	d	Carbon disulfide	75-15-0	ug/L	11/21/2017	1	n/a	ND	
GU-3	d	Carbon Tetrachloride	56-23-5	ug/L	11/21/2017	2	n/a	ND	
GU-3	d	Chlorobenzene	108-90-7	ug/L	11/21/2017	1	n/a	ND	
GU-3	d	Chloroethane	75-00-3	ug/L	11/21/2017	4	n/a	ND	
GU-3	d	Chloroform	67-66-3	ug/L	11/21/2017	1	n/a	ND	
GU-3	d	Chlorodibromomethane	124-48-1	ug/L	11/21/2017	5	n/a	ND	
GU-3	d	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	11/21/2017	0.5	n/a	ND	
GU-3	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	11/21/2017	0.13	n/a	ND	
GU-3	d	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	11/21/2017	10	n/a	ND	
GU-3	d	1,1-Dichloroethane	75-34-3	ug/L	11/21/2017	1	n/a	ND	
GU-3	d	1,2-Dichloroethane	107-06-2	ug/L	11/21/2017	1	n/a	ND	
GU-3	d	1,1-Dichloroethene	75-35-4	ug/L	11/21/2017	2	n/a	ND	
GU-3	d	cis-1,2-Dichloroethene	156-59-2	ug/L	11/21/2017	1	n/a	ND	
GU-3	d	trans-1,2-Dichloroethene	156-60-5	ug/L	11/21/2017	1	n/a	ND	
GU-3	d	1,2-Dichloropropane	78-87-5	ug/L	11/21/2017	1	n/a	ND	
GU-3	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	11/21/2017	5	n/a	ND	
GU-3	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	11/21/2017	5	n/a	ND	
GU-3	d	1,2-Dichlorobenzene	95-50-1	ug/L	11/21/2017	1	n/a	ND	
GU-3	d	1,4-Dichlorobenzene	106-46-7	ug/L	11/21/2017	1	n/a	ND	
GU-3	d	Ethylbenzene	100-41-4	ug/L	11/21/2017	1	n/a	ND	
GU-3	d	2-Hexanone	591-78-6	ug/L	11/21/2017	10	n/a	ND	
GU-3	d	Bromomethane	74-83-9	ug/L	11/21/2017	n/a	n/a	J	0.392
GU-3	d	Chloromethane	74-87-3	ug/L	11/21/2017	3	n/a	ND	
GU-3	d	2-Butanone	78-93-3	ug/L	11/21/2017	10	n/a	ND	
GU-3	d	Iodomethane	74-88-4	ug/L	11/21/2017	10	n/a	ND	
GU-3	d	4-Methyl-2-pentanone	108-10-1	ug/L	11/21/2017	10	n/a	ND	
GU-3	d	Methylene Bromide	74-95-3	ug/L	11/21/2017	1	n/a	ND	
GU-3	d	Methylene Chloride	75-09-2	ug/L	11/21/2017	5	n/a	ND	
GU-3	d	Styrene	100-42-5	ug/L	11/21/2017	1	n/a	ND	
GU-3	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	11/21/2017	1	n/a	ND	
GU-3	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	11/21/2017	1	n/a	ND	
GU-3	d	Tetrachloroethene	127-18-4	ug/L	11/21/2017	1	n/a	ND	
GU-3	d	Toluene	108-88-3	ug/L	11/21/2017	1	n/a	ND	
GU-3	d	1,1,1-Trichloroethane	71-55-6	ug/L	11/21/2017	1	n/a	ND	
GU-3	d	1,1,2-Trichloroethane	79-00-5	ug/L	11/21/2017	1	n/a	ND	
GU-3	d	Trichloroethene	79-01-6	ug/L	11/21/2017	1	n/a	ND	
GU-3	d	Trichlorofluoromethane	75-69-4	ug/L	11/21/2017	4	n/a	ND	
GU-3	d	1,2,3-Trichloropropane	96-18-4	ug/L	11/21/2017	1	n/a	ND	
GU-3	d	Vinyl acetate	108-05-4	ug/L	11/21/2017	10	n/a	ND	
GU-3	d	Vinyl chloride	75-01-4	ug/L	11/21/2017	1	n/a	ND	
GU-3	d	Xylenes, total	1330-20-7	ug/L	11/21/2017	3	n/a	ND	
GU-3	d	Total Suspended Solids	TSS	mg/L	11/21/2017	5	n/a	ND	
GU-3	d	Antimony	7440-36-0	mg/L	4/3/2018	0.001	n/a	ND	
GU-3	d	Arsenic	7440-38-2	mg/L	4/3/2018	0.002	n/a	ND	
GU-3	d	Barium	7440-39-3	mg/L	4/3/2018	n/a	n/a		0.0994
GU-3	d	Beryllium	7440-41-7	mg/L	4/3/2018	0.001	n/a	ND	
GU-3	d	Cadmium	7440-43-9	mg/L	4/3/2018	0.0005	n/a	ND	
GU-3	d	Chromium	7440-47-3	mg/L	4/3/2018	0.005	n/a	ND	
GU-3	d	Cobalt	7440-48-4	mg/L	4/3/2018	0.0005	n/a	ND	
GU-3	d	Copper	7440-50-8	mg/L	4/3/2018	0.005	n/a	ND	
GU-3	d	Lead	7439-92-1	mg/L	4/3/2018	0.0005	n/a	ND	
GU-3	d	Nickel	7440-02-0	mg/L	4/3/2018	n/a	n/a	J	0.00111
GU-3	d	Selenium	7782-49-2	mg/L	4/3/2018	0.005	n/a	ND	
GU-3	d	Silver	7440-22-4	mg/L	4/3/2018	0.001	n/a	ND	
GU-3	d	Thallium	7440-28-0	mg/L	4/3/2018	0.001	n/a	ND	
GU-3	d	Vanadium	7440-62-2	mg/L	4/3/2018	0.005	n/a	ND	
GU-3	d	Zinc	7440-66-6	mg/L	4/3/2018	0.02	n/a	ND	
GU-3	d	Acetone	67-64-1	ug/L	4/3/2018	10	n/a	ND	
GU-3	d	Acrylonitrile	107-13-1	ug/L	4/3/2018	10	n/a	ND	
GU-3	d	Benzene	71-43-2	ug/L	4/3/2018	0.5	n/a	ND	
GU-3	d	Bromochloromethane	74-97-5	ug/L	4/3/2018	5	n/a	ND	
GU-3	d	Bromodichloromethane	75-27-4	ug/L	4/3/2018	1	n/a	ND	
GU-3	d	Bromoform	75-25-2	ug/L	4/3/2018	5	n/a	ND	
GU-3	d	Carbon disulfide	75-15-0	ug/L	4/3/2018	1	n/a	ND	
GU-3	d	Carbon Tetrachloride	56-23-5	ug/L	4/3/2018	2	n/a	ND	
GU-3	d	Chlorobenzene	108-90-7	ug/L	4/3/2018	1	n/a	ND	
GU-3	d	Chloroethane	75-00-3	ug/L	4/3/2018	4	n/a	ND	
GU-3	d	Chloroform	67-66-3	ug/L	4/3/2018	1	n/a	ND	

Table 9A
Analytical Data Summary - Phase II MSWLF
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Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
GU-3	d	Chlorodibromomethane	124-48-1	ug/L	4/3/2018	5	n/a	ND	
GU-3	d	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	4/3/2018	0.5	n/a	ND	
GU-3	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	4/3/2018	0.13	n/a	ND	
GU-3	d	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	4/3/2018	10	n/a	ND	
GU-3	d	1,1-Dichloroethane	75-34-3	ug/L	4/3/2018	1	n/a	ND	
GU-3	d	1,2-Dichloroethane	107-06-2	ug/L	4/3/2018	1	n/a	ND	
GU-3	d	1,1-Dichloroethene	75-35-4	ug/L	4/3/2018	2	n/a	ND	
GU-3	d	cis-1,2-Dichloroethene	156-59-2	ug/L	4/3/2018	1	n/a	ND	
GU-3	d	trans-1,2-Dichloroethene	156-60-5	ug/L	4/3/2018	1	n/a	ND	
GU-3	d	1,2-Dichloropropane	78-87-5	ug/L	4/3/2018	1	n/a	ND	
GU-3	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	4/3/2018	5	n/a	ND	
GU-3	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	4/3/2018	5	n/a	ND	
GU-3	d	1,2-Dichlorobenzene	95-50-1	ug/L	4/3/2018	1	n/a	ND	
GU-3	d	1,4-Dichlorobenzene	106-46-7	ug/L	4/3/2018	1	n/a	ND	
GU-3	d	Ethylbenzene	100-41-4	ug/L	4/3/2018	1	n/a	ND	
GU-3	d	2-Hexanone	591-78-6	ug/L	4/3/2018	10	n/a	ND	
GU-3	d	Bromomethane	74-83-9	ug/L	4/3/2018	4	n/a	ND	
GU-3	d	Chloromethane	74-87-3	ug/L	4/3/2018	3	n/a	ND	
GU-3	d	2-Butanone	78-93-3	ug/L	4/3/2018	10	n/a	ND	
GU-3	d	Iodomethane	74-88-4	ug/L	4/3/2018	10	n/a	ND	
GU-3	d	4-Methyl-2-pentanone	108-10-1	ug/L	4/3/2018	10	n/a	ND	
GU-3	d	Methylene Bromide	74-95-3	ug/L	4/3/2018	1	n/a	ND	
GU-3	d	Methylene Chloride	75-09-2	ug/L	4/3/2018	5	n/a	ND	
GU-3	d	Styrene	100-42-5	ug/L	4/3/2018	1	n/a	ND	
GU-3	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	4/3/2018	1	n/a	ND	
GU-3	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	4/3/2018	1	n/a	ND	
GU-3	d	Tetrachloroethene	127-18-4	ug/L	4/3/2018	1	n/a	ND	
GU-3	d	Toluene	108-88-3	ug/L	4/3/2018	1	n/a	ND	
GU-3	d	1,1,1-Trichloroethane	71-55-6	ug/L	4/3/2018	1	n/a	ND	
GU-3	d	1,1,2-Trichloroethane	79-00-5	ug/L	4/3/2018	1	n/a	ND	
GU-3	d	Trichloroethene	79-01-6	ug/L	4/3/2018	1	n/a	ND	
GU-3	d	Trichlorofluoromethane	75-69-4	ug/L	4/3/2018	4	n/a	ND	
GU-3	d	1,2,3-Trichloropropane	96-18-4	ug/L	4/3/2018	1	n/a	ND	
GU-3	d	Vinyl acetate	108-05-4	ug/L	4/3/2018	10	n/a	ND	
GU-3	d	Vinyl chloride	75-01-4	ug/L	4/3/2018	1	n/a	ND	
GU-3	d	Xylenes, total	1330-20-7	ug/L	4/3/2018	3	n/a	ND	
GU-3	d	Total Suspended Solids	TSS	mg/L	4/3/2018	n/a	n/a		6.5
GU-4	d	Antimony	7440-36-0	mg/L	4/3/2018	0.001	n/a	ND	
GU-4	d	Arsenic	7440-38-2	mg/L	4/3/2018	n/a	n/a	J	0.000884
GU-4	d	Barium	7440-39-3	mg/L	4/3/2018	n/a	n/a		0.0589
GU-4	d	Beryllium	7440-41-7	mg/L	4/3/2018	0.001	n/a	ND	
GU-4	d	Cadmium	7440-43-9	mg/L	4/3/2018	n/a	n/a	J	0.000125
GU-4	d	Chromium	7440-47-3	mg/L	4/3/2018	0.005	n/a	ND	
GU-4	d	Cobalt	7440-48-4	mg/L	4/3/2018	n/a	n/a		0.00264
GU-4	d	Copper	7440-50-8	mg/L	4/3/2018	0.005	n/a	ND	
GU-4	d	Lead	7439-92-1	mg/L	4/3/2018	0.0005	n/a	ND	
GU-4	d	Nickel	7440-02-0	mg/L	4/3/2018	n/a	n/a		0.00773
GU-4	d	Selenium	7782-49-2	mg/L	4/3/2018	n/a	n/a	J	0.00251
GU-4	d	Silver	7440-22-4	mg/L	4/3/2018	0.001	n/a	ND	
GU-4	d	Thallium	7440-28-0	mg/L	4/3/2018	0.001	n/a	ND	
GU-4	d	Vanadium	7440-62-2	mg/L	4/3/2018	n/a	n/a	J	0.000935
GU-4	d	Zinc	7440-66-6	mg/L	4/3/2018	0.02	n/a	ND	
GU-4	d	Acetone	67-64-1	ug/L	4/3/2018	10	n/a	ND	
GU-4	d	Acrylonitrile	107-13-1	ug/L	4/3/2018	10	n/a	ND	
GU-4	d	Benzene	71-43-2	ug/L	4/3/2018	0.5	n/a	ND	
GU-4	d	Bromochloromethane	74-97-5	ug/L	4/3/2018	5	n/a	ND	
GU-4	d	Bromodichloromethane	75-27-4	ug/L	4/3/2018	1	n/a	ND	
GU-4	d	Bromoform	75-25-2	ug/L	4/3/2018	5	n/a	ND	
GU-4	d	Carbon disulfide	75-15-0	ug/L	4/3/2018	1	n/a	ND	
GU-4	d	Carbon Tetrachloride	56-23-5	ug/L	4/3/2018	2	n/a	ND	
GU-4	d	Chlorobenzene	108-90-7	ug/L	4/3/2018	1	n/a	ND	
GU-4	d	Chloroethane	75-00-3	ug/L	4/3/2018	4	n/a	ND	
GU-4	d	Chloroform	67-66-3	ug/L	4/3/2018	1	n/a	ND	
GU-4	d	Chlorodibromomethane	124-48-1	ug/L	4/3/2018	5	n/a	ND	
GU-4	d	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	4/3/2018	0.5	n/a	ND	
GU-4	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	4/3/2018	0.13	n/a	ND	
GU-4	d	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	4/3/2018	10	n/a	ND	
GU-4	d	1,1-Dichloroethane	75-34-3	ug/L	4/3/2018	1	n/a	ND	
GU-4	d	1,2-Dichloroethane	107-06-2	ug/L	4/3/2018	n/a	n/a	J	0.312
GU-4	d	1,1-Dichloroethene	75-35-4	ug/L	4/3/2018	2	n/a	ND	
GU-4	d	cis-1,2-Dichloroethene	156-59-2	ug/L	4/3/2018	n/a	n/a	J	0.137
GU-4	d	trans-1,2-Dichloroethene	156-60-5	ug/L	4/3/2018	1	n/a	ND	
GU-4	d	1,2-Dichloropropane	78-87-5	ug/L	4/3/2018	1	n/a	ND	
GU-4	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	4/3/2018	5	n/a	ND	
GU-4	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	4/3/2018	5	n/a	ND	

Table 9A
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Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
GU-4	d	1,2-Dichlorobenzene	95-50-1	ug/L	4/3/2018	1	n/a	ND	
GU-4	d	1,4-Dichlorobenzene	106-46-7	ug/L	4/3/2018	1	n/a	ND	
GU-4	d	Ethylbenzene	100-41-4	ug/L	4/3/2018	1	n/a	ND	
GU-4	d	2-Hexanone	591-78-6	ug/L	4/3/2018	10	n/a	ND	
GU-4	d	Bromomethane	74-83-9	ug/L	4/3/2018	4	n/a	ND	
GU-4	d	Chloromethane	74-87-3	ug/L	4/3/2018	3	n/a	ND	
GU-4	d	2-Butanone	78-93-3	ug/L	4/3/2018	10	n/a	ND	
GU-4	d	Iodomethane	74-88-4	ug/L	4/3/2018	10	n/a	ND	
GU-4	d	4-Methyl-2-pentanone	108-10-1	ug/L	4/3/2018	10	n/a	ND	
GU-4	d	Methylene Bromide	74-95-3	ug/L	4/3/2018	1	n/a	ND	
GU-4	d	Methylene Chloride	75-09-2	ug/L	4/3/2018	5	n/a	ND	
GU-4	d	Styrene	100-42-5	ug/L	4/3/2018	1	n/a	ND	
GU-4	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	4/3/2018	1	n/a	ND	
GU-4	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	4/3/2018	1	n/a	ND	
GU-4	d	Tetrachloroethene	127-18-4	ug/L	4/3/2018	1	n/a	ND	
GU-4	d	Toluene	108-88-3	ug/L	4/3/2018	1	n/a	ND	
GU-4	d	1,1,1-Trichloroethane	71-55-6	ug/L	4/3/2018	1	n/a	ND	
GU-4	d	1,1,2-Trichloroethane	79-00-5	ug/L	4/3/2018	1	n/a	ND	
GU-4	d	Trichloroethene	79-01-6	ug/L	4/3/2018	1	n/a	ND	
GU-4	d	Trichlorofluoromethane	75-69-4	ug/L	4/3/2018	4	n/a	ND	
GU-4	d	1,2,3-Trichloropropane	96-18-4	ug/L	4/3/2018	1	n/a	ND	
GU-4	d	Vinyl acetate	108-05-4	ug/L	4/3/2018	10	n/a	ND	
GU-4	d	Vinyl chloride	75-01-4	ug/L	4/3/2018	1	n/a	ND	
GU-4	d	Xylenes, total	1330-20-7	ug/L	4/3/2018	3	n/a	ND	
GU-4	d	Total Suspended Solids	TSS	mg/L	4/3/2018	n/a	n/a		10.1
GU-5	d	Antimony	7440-36-0	mg/L	4/3/2018	0.001	n/a	ND	
GU-5	d	Arsenic	7440-38-2	mg/L	4/3/2018	n/a	n/a		0.00351
GU-5	d	Barium	7440-39-3	mg/L	4/3/2018	n/a	n/a		0.156
GU-5	d	Beryllium	7440-41-7	mg/L	4/3/2018	0.001	n/a	ND	
GU-5	d	Cadmium	7440-43-9	mg/L	4/3/2018	n/a	n/a	J	0.00013
GU-5	d	Chromium	7440-47-3	mg/L	4/3/2018	0.005	n/a	ND	
GU-5	d	Cobalt	7440-48-4	mg/L	4/3/2018	n/a	n/a		0.00396
GU-5	d	Copper	7440-50-8	mg/L	4/3/2018	0.005	n/a	ND	
GU-5	d	Lead	7439-92-1	mg/L	4/3/2018	0.0005	n/a	ND	
GU-5	d	Nickel	7440-02-0	mg/L	4/3/2018	n/a	n/a		0.0139
GU-5	d	Selenium	7782-49-2	mg/L	4/3/2018	0.005	n/a	ND	
GU-5	d	Silver	7440-22-4	mg/L	4/3/2018	0.001	n/a	ND	
GU-5	d	Thallium	7440-28-0	mg/L	4/3/2018	0.001	n/a	ND	
GU-5	d	Vanadium	7440-62-2	mg/L	4/3/2018	0.005	n/a	ND	
GU-5	d	Zinc	7440-66-6	mg/L	4/3/2018	0.02	n/a	ND	
GU-5	d	Acetone	67-64-1	ug/L	4/3/2018	10	n/a	ND	
GU-5	d	Acrylonitrile	107-13-1	ug/L	4/3/2018	10	n/a	ND	
GU-5	d	Benzene	71-43-2	ug/L	4/3/2018	0.5	n/a	ND	
GU-5	d	Bromochloromethane	74-97-5	ug/L	4/3/2018	5	n/a	ND	
GU-5	d	Bromodichloromethane	75-27-4	ug/L	4/3/2018	1	n/a	ND	
GU-5	d	Bromoform	75-25-2	ug/L	4/3/2018	5	n/a	ND	
GU-5	d	Carbon disulfide	75-15-0	ug/L	4/3/2018	1	n/a	ND	
GU-5	d	Carbon Tetrachloride	56-23-5	ug/L	4/3/2018	2	n/a	ND	
GU-5	d	Chlorobenzene	108-90-7	ug/L	4/3/2018	1	n/a	ND	
GU-5	d	Chloroethane	75-00-3	ug/L	4/3/2018	4	n/a	ND	
GU-5	d	Chloroform	67-66-3	ug/L	4/3/2018	1	n/a	ND	
GU-5	d	Chlorodibromomethane	124-48-1	ug/L	4/3/2018	5	n/a	ND	
GU-5	d	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	4/3/2018	0.5	n/a	ND	
GU-5	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	4/3/2018	0.13	n/a	ND	
GU-5	d	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	4/3/2018	10	n/a	ND	
GU-5	d	1,1-Dichloroethane	75-34-3	ug/L	4/3/2018	1	n/a	ND	
GU-5	d	1,2-Dichloroethane	107-06-2	ug/L	4/3/2018	1	n/a	ND	
GU-5	d	1,1-Dichloroethene	75-35-4	ug/L	4/3/2018	2	n/a	ND	
GU-5	d	cis-1,2-Dichloroethene	156-59-2	ug/L	4/3/2018	1	n/a	ND	
GU-5	d	trans-1,2-Dichloroethene	156-60-5	ug/L	4/3/2018	1	n/a	ND	
GU-5	d	1,2-Dichloropropane	78-87-5	ug/L	4/3/2018	1	n/a	ND	
GU-5	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	4/3/2018	5	n/a	ND	
GU-5	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	4/3/2018	5	n/a	ND	
GU-5	d	1,2-Dichlorobenzene	95-50-1	ug/L	4/3/2018	1	n/a	ND	
GU-5	d	1,4-Dichlorobenzene	106-46-7	ug/L	4/3/2018	1	n/a	ND	
GU-5	d	Ethylbenzene	100-41-4	ug/L	4/3/2018	1	n/a	ND	
GU-5	d	2-Hexanone	591-78-6	ug/L	4/3/2018	10	n/a	ND	
GU-5	d	Bromomethane	74-83-9	ug/L	4/3/2018	4	n/a	ND	
GU-5	d	Chloromethane	74-87-3	ug/L	4/3/2018	3	n/a	ND	
GU-5	d	2-Butanone	78-93-3	ug/L	4/3/2018	10	n/a	ND	
GU-5	d	Iodomethane	74-88-4	ug/L	4/3/2018	10	n/a	ND	
GU-5	d	4-Methyl-2-pentanone	108-10-1	ug/L	4/3/2018	10	n/a	ND	
GU-5	d	Methylene Bromide	74-95-3	ug/L	4/3/2018	1	n/a	ND	
GU-5	d	Methylene Chloride	75-09-2	ug/L	4/3/2018	5	n/a	ND	
GU-5	d	Styrene	100-42-5	ug/L	4/3/2018	1	n/a	ND	

Table 9A
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Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
GU-5	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	4/3/2018	1	n/a	ND	
GU-5	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	4/3/2018	1	n/a	ND	
GU-5	d	Tetrachloroethene	127-18-4	ug/L	4/3/2018	1	n/a	ND	
GU-5	d	Toluene	108-88-3	ug/L	4/3/2018	1	n/a	ND	
GU-5	d	1,1,1-Trichloroethane	71-55-6	ug/L	4/3/2018	1	n/a	ND	
GU-5	d	1,1,2-Trichloroethane	79-00-5	ug/L	4/3/2018	1	n/a	ND	
GU-5	d	Trichloroethene	79-01-6	ug/L	4/3/2018	1	n/a	ND	
GU-5	d	Trichlorofluoromethane	75-69-4	ug/L	4/3/2018	4	n/a	ND	
GU-5	d	1,2,3-Trichloropropane	96-18-4	ug/L	4/3/2018	1	n/a	ND	
GU-5	d	Vinyl acetate	108-05-4	ug/L	4/3/2018	10	n/a	ND	
GU-5	d	Vinyl chloride	75-01-4	ug/L	4/3/2018	1	n/a	ND	
GU-5	d	Xylenes, total	1330-20-7	ug/L	4/3/2018	3	n/a	ND	
GU-5	d	Total Suspended Solids	TSS	mg/L	4/3/2018	n/a	n/a		75.6
MW-26	u	Antimony	7440-36-0	mg/L	4/3/2018	0.001	n/a	ND	
MW-26	u	Arsenic	7440-38-2	mg/L	4/3/2018	0.002	n/a	ND	
MW-26	u	Barium	7440-39-3	mg/L	4/3/2018	n/a	n/a		0.0612
MW-26	u	Beryllium	7440-41-7	mg/L	4/3/2018	0.001	n/a	ND	
MW-26	u	Cadmium	7440-43-9	mg/L	4/3/2018	0.0005	n/a	ND	
MW-26	u	Chromium	7440-47-3	mg/L	4/3/2018	n/a	n/a		0.0125
MW-26	u	Cobalt	7440-48-4	mg/L	4/3/2018	n/a	n/a	J	0.000077
MW-26	u	Copper	7440-50-8	mg/L	4/3/2018	0.005	n/a	ND	
MW-26	u	Lead	7439-92-1	mg/L	4/3/2018	0.0005	n/a	ND	
MW-26	u	Nickel	7440-02-0	mg/L	4/3/2018	n/a	n/a	J	0.00112
MW-26	u	Selenium	7782-49-2	mg/L	4/3/2018	n/a	n/a		0.0743
MW-26	u	Silver	7440-22-4	mg/L	4/3/2018	0.001	n/a	ND	
MW-26	u	Thallium	7440-28-0	mg/L	4/3/2018	0.001	n/a	ND	
MW-26	u	Vanadium	7440-62-2	mg/L	4/3/2018	n/a	n/a	J	0.00114
MW-26	u	Zinc	7440-66-6	mg/L	4/3/2018	0.02	n/a	ND	
MW-26	u	Total Suspended Solids	TSS	mg/L	4/3/2018	n/a	n/a	J	0.75
MW-67	d	Antimony	7440-36-0	mg/L	4/3/2018	0.001	n/a	ND	
MW-67	d	Arsenic	7440-38-2	mg/L	4/3/2018	0.002	n/a	ND	
MW-67	d	Barium	7440-39-3	mg/L	4/3/2018	n/a	n/a		0.0351
MW-67	d	Beryllium	7440-41-7	mg/L	4/3/2018	0.001	n/a	ND	
MW-67	d	Cadmium	7440-43-9	mg/L	4/3/2018	0.0005	n/a	ND	
MW-67	d	Chromium	7440-47-3	mg/L	4/3/2018	0.005	n/a	ND	
MW-67	d	Cobalt	7440-48-4	mg/L	4/3/2018	n/a	n/a	J	0.000116
MW-67	d	Copper	7440-50-8	mg/L	4/3/2018	0.005	n/a	ND	
MW-67	d	Lead	7439-92-1	mg/L	4/3/2018	0.0005	n/a	ND	
MW-67	d	Nickel	7440-02-0	mg/L	4/3/2018	n/a	n/a	J	0.00262
MW-67	d	Selenium	7782-49-2	mg/L	4/3/2018	0.005	n/a	ND	
MW-67	d	Silver	7440-22-4	mg/L	4/3/2018	0.001	n/a	ND	
MW-67	d	Thallium	7440-28-0	mg/L	4/3/2018	0.001	n/a	ND	
MW-67	d	Vanadium	7440-62-2	mg/L	4/3/2018	0.005	n/a	ND	
MW-67	d	Zinc	7440-66-6	mg/L	4/3/2018	n/a	n/a		0.0402
MW-67	d	Acetone	67-64-1	ug/L	4/3/2018	10	n/a	ND	
MW-67	d	Acrylonitrile	107-13-1	ug/L	4/3/2018	10	n/a	ND	
MW-67	d	Benzene	71-43-2	ug/L	4/3/2018	0.5	n/a	ND	
MW-67	d	Bromochloromethane	74-97-5	ug/L	4/3/2018	5	n/a	ND	
MW-67	d	Bromodichloromethane	75-27-4	ug/L	4/3/2018	1	n/a	ND	
MW-67	d	Bromoform	75-25-2	ug/L	4/3/2018	5	n/a	ND	
MW-67	d	Carbon disulfide	75-15-0	ug/L	4/3/2018	1	n/a	ND	
MW-67	d	Carbon Tetrachloride	56-23-5	ug/L	4/3/2018	2	n/a	ND	
MW-67	d	Chlorobenzene	108-90-7	ug/L	4/3/2018	1	n/a	ND	
MW-67	d	Chloroethane	75-00-3	ug/L	4/3/2018	4	n/a	ND	
MW-67	d	Chloroform	67-66-3	ug/L	4/3/2018	1	n/a	ND	
MW-67	d	Chlorodibromomethane	124-48-1	ug/L	4/3/2018	5	n/a	ND	
MW-67	d	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	4/3/2018	0.5	n/a	ND	
MW-67	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	4/3/2018	0.13	n/a	ND	
MW-67	d	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	4/3/2018	10	n/a	ND	
MW-67	d	1,1-Dichloroethane	75-34-3	ug/L	4/3/2018	1	n/a	ND	
MW-67	d	1,2-Dichloroethane	107-06-2	ug/L	4/3/2018	1	n/a	ND	
MW-67	d	1,1-Dichloroethene	75-35-4	ug/L	4/3/2018	2	n/a	ND	
MW-67	d	cis-1,2-Dichloroethene	156-59-2	ug/L	4/3/2018	1	n/a	ND	
MW-67	d	trans-1,2-Dichloroethene	156-60-5	ug/L	4/3/2018	1	n/a	ND	
MW-67	d	1,2-Dichloropropane	78-87-5	ug/L	4/3/2018	1	n/a	ND	
MW-67	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	4/3/2018	5	n/a	ND	
MW-67	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	4/3/2018	5	n/a	ND	
MW-67	d	1,2-Dichlorobenzene	95-50-1	ug/L	4/3/2018	1	n/a	ND	
MW-67	d	1,4-Dichlorobenzene	106-46-7	ug/L	4/3/2018	1	n/a	ND	
MW-67	d	Ethylbenzene	100-41-4	ug/L	4/3/2018	1	n/a	ND	
MW-67	d	2-Hexanone	591-78-6	ug/L	4/3/2018	10	n/a	ND	
MW-67	d	Bromomethane	74-83-9	ug/L	4/3/2018	4	n/a	ND	
MW-67	d	Chloromethane	74-87-3	ug/L	4/3/2018	3	n/a	ND	
MW-67	d	2-Butanone	78-93-3	ug/L	4/3/2018	10	n/a	ND	
MW-67	d	Iodomethane	74-88-4	ug/L	4/3/2018	10	n/a	ND	

Table 9A
Analytical Data Summary - Phase II MSWLF
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Phase II MSWLF and CWTS
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-67	d	4-Methyl-2-pentanone	108-10-1	ug/L	4/3/2018	10	n/a	ND	
MW-67	d	Methylene Bromide	74-95-3	ug/L	4/3/2018	1	n/a	ND	
MW-67	d	Methylene Chloride	75-09-2	ug/L	4/3/2018	n/a	n/a	J	0.201
MW-67	d	Styrene	100-42-5	ug/L	4/3/2018	1	n/a	ND	
MW-67	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	4/3/2018	1	n/a	ND	
MW-67	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	4/3/2018	1	n/a	ND	
MW-67	d	Tetrachloroethene	127-18-4	ug/L	4/3/2018	1	n/a	ND	
MW-67	d	Toluene	108-88-3	ug/L	4/3/2018	1	n/a	ND	
MW-67	d	1,1,1-Trichloroethane	71-55-6	ug/L	4/3/2018	1	n/a	ND	
MW-67	d	1,1,2-Trichloroethane	79-00-5	ug/L	4/3/2018	1	n/a	ND	
MW-67	d	Trichloroethene	79-01-6	ug/L	4/3/2018	1	n/a	ND	
MW-67	d	Trichlorofluoromethane	75-69-4	ug/L	4/3/2018	4	n/a	ND	
MW-67	d	1,2,3-Trichloropropane	96-18-4	ug/L	4/3/2018	1	n/a	ND	
MW-67	d	Vinyl acetate	108-05-4	ug/L	4/3/2018	10	n/a	ND	
MW-67	d	Vinyl chloride	75-01-4	ug/L	4/3/2018	1	n/a	ND	
MW-67	d	Xylenes, total	1330-20-7	ug/L	4/3/2018	3	n/a	ND	
MW-67	d	Total Suspended Solids	TSS	mg/L	4/3/2018	n/a	n/a		8.37
MW-B	d	Antimony	7440-36-0	mg/L	4/3/2018	0.001	n/a	ND	
MW-B	d	Arsenic	7440-38-2	mg/L	4/3/2018	n/a	n/a	J	0.00121
MW-B	d	Barium	7440-39-3	mg/L	4/3/2018	n/a	n/a		0.0505
MW-B	d	Beryllium	7440-41-7	mg/L	4/3/2018	0.001	n/a	ND	
MW-B	d	Cadmium	7440-43-9	mg/L	4/3/2018	0.0005	n/a	ND	
MW-B	d	Chromium	7440-47-3	mg/L	4/3/2018	0.005	n/a	ND	
MW-B	d	Cobalt	7440-48-4	mg/L	4/3/2018	n/a	n/a		0.00317
MW-B	d	Copper	7440-50-8	mg/L	4/3/2018	n/a	n/a		0.00708
MW-B	d	Lead	7439-92-1	mg/L	4/3/2018	n/a	n/a		0.00386
MW-B	d	Nickel	7440-02-0	mg/L	4/3/2018	n/a	n/a	J	0.00259
MW-B	d	Selenium	7782-49-2	mg/L	4/3/2018	0.005	n/a	ND	
MW-B	d	Silver	7440-22-4	mg/L	4/3/2018	0.001	n/a	ND	
MW-B	d	Thallium	7440-28-0	mg/L	4/3/2018	0.001	n/a	ND	
MW-B	d	Vanadium	7440-62-2	mg/L	4/3/2018	n/a	n/a	J	0.0016
MW-B	d	Zinc	7440-66-6	mg/L	4/3/2018	0.02	n/a	ND	
MW-B	d	Acetone	67-64-1	ug/L	4/3/2018	10	n/a	ND	
MW-B	d	Acrylonitrile	107-13-1	ug/L	4/3/2018	10	n/a	ND	
MW-B	d	Benzene	71-43-2	ug/L	4/3/2018	0.5	n/a	ND	
MW-B	d	Bromochloromethane	74-97-5	ug/L	4/3/2018	5	n/a	ND	
MW-B	d	Bromodichloromethane	75-27-4	ug/L	4/3/2018	1	n/a	ND	
MW-B	d	Bromoform	75-25-2	ug/L	4/3/2018	5	n/a	ND	
MW-B	d	Carbon disulfide	75-15-0	ug/L	4/3/2018	1	n/a	ND	
MW-B	d	Carbon Tetrachloride	56-23-5	ug/L	4/3/2018	2	n/a	ND	
MW-B	d	Chlorobenzene	108-90-7	ug/L	4/3/2018	1	n/a	ND	
MW-B	d	Chloroethane	75-00-3	ug/L	4/3/2018	4	n/a	ND	
MW-B	d	Chloroform	67-66-3	ug/L	4/3/2018	1	n/a	ND	
MW-B	d	Chlorodibromomethane	124-48-1	ug/L	4/3/2018	5	n/a	ND	
MW-B	d	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	4/3/2018	0.5	n/a	ND	
MW-B	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	4/3/2018	0.13	n/a	ND	
MW-B	d	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	4/3/2018	10	n/a	ND	
MW-B	d	1,1-Dichloroethane	75-34-3	ug/L	4/3/2018	1	n/a	ND	
MW-B	d	1,2-Dichloroethane	107-06-2	ug/L	4/3/2018	1	n/a	ND	
MW-B	d	1,1-Dichloroethene	75-35-4	ug/L	4/3/2018	2	n/a	ND	
MW-B	d	cis-1,2-Dichloroethene	156-59-2	ug/L	4/3/2018	1	n/a	ND	
MW-B	d	trans-1,2-Dichloroethene	156-60-5	ug/L	4/3/2018	1	n/a	ND	
MW-B	d	1,2-Dichloropropane	78-87-5	ug/L	4/3/2018	1	n/a	ND	
MW-B	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	4/3/2018	5	n/a	ND	
MW-B	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	4/3/2018	5	n/a	ND	
MW-B	d	1,2-Dichlorobenzene	95-50-1	ug/L	4/3/2018	1	n/a	ND	
MW-B	d	1,4-Dichlorobenzene	106-46-7	ug/L	4/3/2018	1	n/a	ND	
MW-B	d	Ethylbenzene	100-41-4	ug/L	4/3/2018	1	n/a	ND	
MW-B	d	2-Hexanone	591-78-6	ug/L	4/3/2018	10	n/a	ND	
MW-B	d	Bromomethane	74-83-9	ug/L	4/3/2018	4	n/a	ND	
MW-B	d	Chloromethane	74-87-3	ug/L	4/3/2018	3	n/a	ND	
MW-B	d	2-Butanone	78-93-3	ug/L	4/3/2018	10	n/a	ND	
MW-B	d	Iodomethane	74-88-4	ug/L	4/3/2018	10	n/a	ND	
MW-B	d	4-Methyl-2-pentanone	108-10-1	ug/L	4/3/2018	10	n/a	ND	
MW-B	d	Methylene Bromide	74-95-3	ug/L	4/3/2018	1	n/a	ND	
MW-B	d	Methylene Chloride	75-09-2	ug/L	4/3/2018	n/a	n/a	J	0.192
MW-B	d	Styrene	100-42-5	ug/L	4/3/2018	1	n/a	ND	
MW-B	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	4/3/2018	1	n/a	ND	
MW-B	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	4/3/2018	1	n/a	ND	
MW-B	d	Tetrachloroethene	127-18-4	ug/L	4/3/2018	1	n/a	ND	
MW-B	d	Toluene	108-88-3	ug/L	4/3/2018	1	n/a	ND	
MW-B	d	1,1,1-Trichloroethane	71-55-6	ug/L	4/3/2018	1	n/a	ND	
MW-B	d	1,1,2-Trichloroethane	79-00-5	ug/L	4/3/2018	1	n/a	ND	
MW-B	d	Trichloroethene	79-01-6	ug/L	4/3/2018	1	n/a	ND	
MW-B	d	Trichlorofluoromethane	75-69-4	ug/L	4/3/2018	4	n/a	ND	

Table 9A
Analytical Data Summary - Phase II MSWLF
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Phase II MSWLF and CWTS
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Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-B	d	1,2,3-Trichloropropane	96-18-4	ug/L	4/3/2018	1	n/a	ND	
MW-B	d	Vinyl acetate	108-05-4	ug/L	4/3/2018	10	n/a	ND	
MW-B	d	Vinyl chloride	75-01-4	ug/L	4/3/2018	1	n/a	ND	
MW-B	d	Xylenes, total	1330-20-7	ug/L	4/3/2018	3	n/a	ND	
MW-B	d	Total Suspended Solids	TSS	mg/L	4/3/2018	n/a	n/a		24.3
MW-C	d	Antimony	7440-36-0	mg/L	4/3/2018	0.001	n/a	ND	
MW-C	d	Arsenic	7440-38-2	mg/L	4/3/2018	n/a	n/a	J	0.000689
MW-C	d	Barium	7440-39-3	mg/L	4/3/2018	n/a	n/a		0.651
MW-C	d	Beryllium	7440-41-7	mg/L	4/3/2018	0.001	n/a	ND	
MW-C	d	Cadmium	7440-43-9	mg/L	4/3/2018	0.0005	n/a	ND	
MW-C	d	Chromium	7440-47-3	mg/L	4/3/2018	0.005	n/a	ND	
MW-C	d	Cobalt	7440-48-4	mg/L	4/3/2018	n/a	n/a	J	0.000279
MW-C	d	Copper	7440-50-8	mg/L	4/3/2018	n/a	n/a	J	0.0016
MW-C	d	Lead	7439-92-1	mg/L	4/3/2018	n/a	n/a	J	0.000306
MW-C	d	Nickel	7440-02-0	mg/L	4/3/2018	n/a	n/a	J	0.00179
MW-C	d	Selenium	7782-49-2	mg/L	4/3/2018	0.005	n/a	ND	
MW-C	d	Silver	7440-22-4	mg/L	4/3/2018	0.001	n/a	ND	
MW-C	d	Thallium	7440-28-0	mg/L	4/3/2018	0.001	n/a	ND	
MW-C	d	Vanadium	7440-62-2	mg/L	4/3/2018	n/a	n/a	J	0.00109
MW-C	d	Zinc	7440-66-6	mg/L	4/3/2018	0.02	n/a	ND	
MW-C	d	Acetone	67-64-1	ug/L	4/3/2018	10	n/a	ND	
MW-C	d	Acrylonitrile	107-13-1	ug/L	4/3/2018	10	n/a	ND	
MW-C	d	Benzene	71-43-2	ug/L	4/3/2018	0.5	n/a	ND	
MW-C	d	Bromochloromethane	74-97-5	ug/L	4/3/2018	5	n/a	ND	
MW-C	d	Bromodichloromethane	75-27-4	ug/L	4/3/2018	1	n/a	ND	
MW-C	d	Bromoform	75-25-2	ug/L	4/3/2018	5	n/a	ND	
MW-C	d	Carbon disulfide	75-15-0	ug/L	4/3/2018	1	n/a	ND	
MW-C	d	Carbon Tetrachloride	56-23-5	ug/L	4/3/2018	2	n/a	ND	
MW-C	d	Chlorobenzene	108-90-7	ug/L	4/3/2018	1	n/a	ND	
MW-C	d	Chloroethane	75-00-3	ug/L	4/3/2018	4	n/a	ND	
MW-C	d	Chloroform	67-66-3	ug/L	4/3/2018	1	n/a	ND	
MW-C	d	Chlorodibromomethane	124-48-1	ug/L	4/3/2018	5	n/a	ND	
MW-C	d	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	4/3/2018	0.5	n/a	ND	
MW-C	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	4/3/2018	0.13	n/a	ND	
MW-C	d	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	4/3/2018	10	n/a	ND	
MW-C	d	1,1-Dichloroethane	75-34-3	ug/L	4/3/2018	1	n/a	ND	
MW-C	d	1,2-Dichloroethane	107-06-2	ug/L	4/3/2018	1	n/a	ND	
MW-C	d	1,1-Dichloroethene	75-35-4	ug/L	4/3/2018	2	n/a	ND	
MW-C	d	cis-1,2-Dichloroethene	156-59-2	ug/L	4/3/2018	1	n/a	ND	
MW-C	d	trans-1,2-Dichloroethene	156-60-5	ug/L	4/3/2018	1	n/a	ND	
MW-C	d	1,2-Dichloropropane	78-87-5	ug/L	4/3/2018	1	n/a	ND	
MW-C	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	4/3/2018	5	n/a	ND	
MW-C	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	4/3/2018	5	n/a	ND	
MW-C	d	1,2-Dichlorobenzene	95-50-1	ug/L	4/3/2018	1	n/a	ND	
MW-C	d	1,4-Dichlorobenzene	106-46-7	ug/L	4/3/2018	1	n/a	ND	
MW-C	d	Ethylbenzene	100-41-4	ug/L	4/3/2018	1	n/a	ND	
MW-C	d	2-Hexanone	591-78-6	ug/L	4/3/2018	10	n/a	ND	
MW-C	d	Bromomethane	74-83-9	ug/L	4/3/2018	4	n/a	ND	
MW-C	d	Chloromethane	74-87-3	ug/L	4/3/2018	3	n/a	ND	
MW-C	d	2-Butanone	78-93-3	ug/L	4/3/2018	10	n/a	ND	
MW-C	d	Iodomethane	74-88-4	ug/L	4/3/2018	10	n/a	ND	
MW-C	d	4-Methyl-2-pentanone	108-10-1	ug/L	4/3/2018	10	n/a	ND	
MW-C	d	Methylene Bromide	74-95-3	ug/L	4/3/2018	1	n/a	ND	
MW-C	d	Methylene Chloride	75-09-2	ug/L	4/3/2018	n/a	n/a	J	0.266
MW-C	d	Styrene	100-42-5	ug/L	4/3/2018	1	n/a	ND	
MW-C	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	4/3/2018	1	n/a	ND	
MW-C	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	4/3/2018	1	n/a	ND	
MW-C	d	Tetrachloroethene	127-18-4	ug/L	4/3/2018	1	n/a	ND	
MW-C	d	Toluene	108-88-3	ug/L	4/3/2018	1	n/a	ND	
MW-C	d	1,1,1-Trichloroethane	71-55-6	ug/L	4/3/2018	1	n/a	ND	
MW-C	d	1,1,2-Trichloroethane	79-00-5	ug/L	4/3/2018	1	n/a	ND	
MW-C	d	Trichloroethene	79-01-6	ug/L	4/3/2018	1	n/a	ND	
MW-C	d	Trichlorofluoromethane	75-69-4	ug/L	4/3/2018	4	n/a	ND	
MW-C	d	1,2,3-Trichloropropane	96-18-4	ug/L	4/3/2018	1	n/a	ND	
MW-C	d	Vinyl acetate	108-05-4	ug/L	4/3/2018	10	n/a	ND	
MW-C	d	Vinyl chloride	75-01-4	ug/L	4/3/2018	1	n/a	ND	
MW-C	d	Xylenes, total	1330-20-7	ug/L	4/3/2018	3	n/a	ND	
MW-C	d	Total Suspended Solids	TSS	mg/L	4/3/2018	n/a	n/a		8.75
GU-5	d	Antimony	7440-36-0	mg/L	10/16/2018	n/a	0.003	ND	
GU-5	d	Arsenic	7440-38-2	mg/L	10/16/2018	0.000232	0.001		0.00299
GU-5	d	Barium	7440-39-3	mg/L	10/16/2018	0.00073	0.0025		0.173
GU-5	d	Beryllium	7440-41-7	mg/L	10/16/2018	n/a	0.001	ND	
GU-5	d	Cadmium	7440-43-9	mg/L	10/16/2018	n/a	0.0005	ND	
GU-5	d	Chromium	7440-47-3	mg/L	10/16/2018	n/a	0.005	ND	
GU-5	d	Cobalt	7440-48-4	mg/L	10/16/2018	0.000402	0.001		0.00472

Table 9A
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Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
GU-5	d	Copper	7440-50-8	mg/L	10/16/2018	n/a	0.002	ND	
GU-5	d	Lead	7439-92-1	mg/L	10/16/2018	n/a	0.0005	ND	
GU-5	d	Nickel	7440-02-0	mg/L	10/16/2018	0.000625	0.002		0.00756
GU-5	d	Selenium	7782-49-2	mg/L	10/16/2018	n/a	0.0025	ND	
GU-5	d	Silver	7440-22-4	mg/L	10/16/2018	n/a	0.0005	ND	
GU-5	d	Thallium	7440-28-0	mg/L	10/16/2018	n/a	0.002	ND	
GU-5	d	Vanadium	7440-62-2	mg/L	10/16/2018	n/a	0.005	ND	
GU-5	d	Zinc	7440-66-6	mg/L	10/16/2018	n/a	0.02	ND	
GU-5	d	Acetone	67-64-1	ug/L	10/16/2018	n/a	10	ND	
GU-5	d	Acrylonitrile	107-13-1	ug/L	10/16/2018	n/a	10	ND	
GU-5	d	Benzene	71-43-2	ug/L	10/16/2018	n/a	0.5	ND	
GU-5	d	Bromochloromethane	74-97-5	ug/L	10/16/2018	n/a	5	ND	
GU-5	d	Bromodichloromethane	75-27-4	ug/L	10/16/2018	n/a	1	ND	
GU-5	d	Bromoform	75-25-2	ug/L	10/16/2018	n/a	5	ND	
GU-5	d	Carbon disulfide	75-15-0	ug/L	10/16/2018	n/a	1	ND	
GU-5	d	Carbon Tetrachloride	56-23-5	ug/L	10/16/2018	n/a	2	ND	
GU-5	d	Chlorobenzene	108-90-7	ug/L	10/16/2018	n/a	1	ND	
GU-5	d	Chloroethane	75-00-3	ug/L	10/16/2018	n/a	4	ND	
GU-5	d	Chloroform	67-66-3	ug/L	10/16/2018	n/a	3	ND	
GU-5	d	Chlorodibromomethane	124-48-1	ug/L	10/16/2018	n/a	5	ND	
GU-5	d	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	10/16/2018	n/a	1.2	ND	
GU-5	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	10/16/2018	n/a	0.34	ND	
GU-5	d	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	10/16/2018	n/a	10	ND	
GU-5	d	1,1-Dichloroethane	75-34-3	ug/L	10/16/2018	n/a	1	ND	
GU-5	d	1,2-Dichloroethane	107-06-2	ug/L	10/16/2018	n/a	1	ND	
GU-5	d	1,1-Dichloroethene	75-35-4	ug/L	10/16/2018	n/a	2	ND	
GU-5	d	cis-1,2-Dichloroethene	156-59-2	ug/L	10/16/2018	n/a	1	ND	
GU-5	d	trans-1,2-Dichloroethene	156-60-5	ug/L	10/16/2018	n/a	1	ND	
GU-5	d	1,2-Dichloropropane	78-87-5	ug/L	10/16/2018	n/a	1	ND	
GU-5	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	10/16/2018	n/a	5	ND	
GU-5	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	10/16/2018	n/a	5	ND	
GU-5	d	1,2-Dichlorobenzene	95-50-1	ug/L	10/16/2018	n/a	1	ND	
GU-5	d	1,4-Dichlorobenzene	106-46-7	ug/L	10/16/2018	n/a	1	ND	
GU-5	d	Ethylbenzene	100-41-4	ug/L	10/16/2018	n/a	1	ND	
GU-5	d	2-Hexanone	591-78-6	ug/L	10/16/2018	n/a	10	ND	
GU-5	d	Bromomethane	74-83-9	ug/L	10/16/2018	n/a	4	ND	
GU-5	d	Chloromethane	74-87-3	ug/L	10/16/2018	n/a	3	ND	
GU-5	d	2-Butanone	78-93-3	ug/L	10/16/2018	n/a	10	ND	
GU-5	d	Iodomethane	74-88-4	ug/L	10/16/2018	n/a	10	ND	
GU-5	d	4-Methyl-2-pentanone	108-10-1	ug/L	10/16/2018	n/a	10	ND	
GU-5	d	Methylene Bromide	74-95-3	ug/L	10/16/2018	n/a	1	ND	
GU-5	d	Methylene Chloride	75-09-2	ug/L	10/16/2018	n/a	5	ND	
GU-5	d	Styrene	100-42-5	ug/L	10/16/2018	n/a	1	ND	
GU-5	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	10/16/2018	n/a	1	ND	
GU-5	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	10/16/2018	n/a	1	ND	
GU-5	d	Tetrachloroethene	127-18-4	ug/L	10/16/2018	n/a	1	ND	
GU-5	d	Toluene	108-88-3	ug/L	10/16/2018	n/a	1	ND	
GU-5	d	1,1,1-Trichloroethane	71-55-6	ug/L	10/16/2018	n/a	1	ND	
GU-5	d	1,1,2-Trichloroethane	79-00-5	ug/L	10/16/2018	n/a	1	ND	
GU-5	d	Trichloroethene	79-01-6	ug/L	10/16/2018	n/a	1	ND	
GU-5	d	Trichlorofluoromethane	75-69-4	ug/L	10/16/2018	n/a	4	ND	
GU-5	d	1,2,3-Trichloropropane	96-18-4	ug/L	10/16/2018	n/a	1	ND	
GU-5	d	Vinyl acetate	108-05-4	ug/L	10/16/2018	n/a	10	ND	
GU-5	d	Vinyl chloride	75-01-4	ug/L	10/16/2018	n/a	1	ND	
GU-5	d	Xylenes, total	1330-20-7	ug/L	10/16/2018	n/a	3	ND	
GU-5	d	Total Suspended Solids	TSS	mg/L	10/16/2018	0.64	1.9		7.2
GU-5	d	4-Bromofluorobenzene	460-00-4	ug/L	10/16/2018	n/a	n/a		50.6
GU-5	d	4-Bromofluorobenzene	460-00-4	ug/L	10/16/2018	n/a	n/a		50.9
GU-5	d	Dibromofluoromethane	1868-53-7	ug/L	10/16/2018	n/a	n/a		47.2
GU-5	d	Dibromofluoromethane	1868-53-7	ug/L	10/16/2018	n/a	n/a		45.5
GU-5	d	Toluene-d8	2037-26-5	ug/L	10/16/2018	n/a	n/a		49.1
GU-5	d	Toluene-d8	2037-26-5	ug/L	10/16/2018	n/a	n/a		46.8
MW-26	u	Antimony	7440-36-0	mg/L	10/16/2018	n/a	0.003	ND	
MW-26	u	Arsenic	7440-38-2	mg/L	10/16/2018	n/a	0.001	ND	
MW-26	u	Barium	7440-39-3	mg/L	10/16/2018	0.00073	0.0025		0.0645
MW-26	u	Beryllium	7440-41-7	mg/L	10/16/2018	n/a	0.001	ND	
MW-26	u	Cadmium	7440-43-9	mg/L	10/16/2018	n/a	0.0005	ND	
MW-26	u	Chromium	7440-47-3	mg/L	10/16/2018	0.00114	0.005		0.0141
MW-26	u	Cobalt	7440-48-4	mg/L	10/16/2018	n/a	0.001	ND	
MW-26	u	Copper	7440-50-8	mg/L	10/16/2018	n/a	0.002	ND	
MW-26	u	Lead	7439-92-1	mg/L	10/16/2018	n/a	0.0005	ND	
MW-26	u	Nickel	7440-02-0	mg/L	10/16/2018	n/a	0.002	ND	
MW-26	u	Selenium	7782-49-2	mg/L	10/16/2018	0.000982	0.0025		0.0573
MW-26	u	Silver	7440-22-4	mg/L	10/16/2018	n/a	0.0005	ND	
MW-26	u	Thallium	7440-28-0	mg/L	10/16/2018	n/a	0.002	ND	

Table 9A
Analytical Data Summary - Phase II MSWLF
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Phase II MSWLF and CWTS
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Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-26	u	Vanadium	7440-62-2	mg/L	10/16/2018	n/a	0.005	ND	
MW-26	u	Zinc	7440-66-6	mg/L	10/16/2018	n/a	0.02	ND	
MW-26	u	Total Suspended Solids	TSS	mg/L	10/16/2018	n/a	1.9	ND	
MW-B	d	Antimony	7440-36-0	mg/L	10/16/2018	n/a	0.003	ND	
MW-B	d	Arsenic	7440-38-2	mg/L	10/16/2018	0.000232	0.001		0.00147
MW-B	d	Barium	7440-39-3	mg/L	10/16/2018	0.00073	0.0025		0.0516
MW-B	d	Beryllium	7440-41-7	mg/L	10/16/2018	n/a	0.001	ND	
MW-B	d	Cadmium	7440-43-9	mg/L	10/16/2018	n/a	0.0005	ND	
MW-B	d	Chromium	7440-47-3	mg/L	10/16/2018	n/a	0.005	ND	
MW-B	d	Cobalt	7440-48-4	mg/L	10/16/2018	0.000402	0.001		0.00158
MW-B	d	Copper	7440-50-8	mg/L	10/16/2018	0.000497	0.002		0.00405
MW-B	d	Lead	7439-92-1	mg/L	10/16/2018	0.000186	0.0005		0.000845
MW-B	d	Nickel	7440-02-0	mg/L	10/16/2018	0.000625	0.002		0.00592
MW-B	d	Selenium	7782-49-2	mg/L	10/16/2018	n/a	0.0025	ND	
MW-B	d	Silver	7440-22-4	mg/L	10/16/2018	n/a	0.0005	ND	
MW-B	d	Thallium	7440-28-0	mg/L	10/16/2018	n/a	0.002	ND	
MW-B	d	Vanadium	7440-62-2	mg/L	10/16/2018	n/a	0.005	ND	
MW-B	d	Zinc	7440-66-6	mg/L	10/16/2018	n/a	0.02	ND	
MW-B	d	Acetone	67-64-1	ug/L	10/16/2018	n/a	10	ND	
MW-B	d	Acrylonitrile	107-13-1	ug/L	10/16/2018	n/a	10	ND	
MW-B	d	Benzene	71-43-2	ug/L	10/16/2018	n/a	0.5	ND	
MW-B	d	Bromochloromethane	74-97-5	ug/L	10/16/2018	n/a	5	ND	
MW-B	d	Bromodichloromethane	75-27-4	ug/L	10/16/2018	n/a	1	ND	
MW-B	d	Bromoform	75-25-2	ug/L	10/16/2018	n/a	5	ND	
MW-B	d	Carbon disulfide	75-15-0	ug/L	10/16/2018	n/a	1	ND	
MW-B	d	Carbon Tetrachloride	56-23-5	ug/L	10/16/2018	n/a	2	ND	
MW-B	d	Chlorobenzene	108-90-7	ug/L	10/16/2018	n/a	1	ND	
MW-B	d	Chloroethane	75-00-3	ug/L	10/16/2018	n/a	4	ND	
MW-B	d	Chloroform	67-66-3	ug/L	10/16/2018	n/a	3	ND	
MW-B	d	Chlorodibromomethane	124-48-1	ug/L	10/16/2018	n/a	5	ND	
MW-B	d	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	10/16/2018	n/a	1.2	ND	
MW-B	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	10/16/2018	n/a	0.34	ND	
MW-B	d	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	10/16/2018	n/a	10	ND	
MW-B	d	1,1-Dichloroethane	75-34-3	ug/L	10/16/2018	n/a	1	ND	
MW-B	d	1,2-Dichloroethane	107-06-2	ug/L	10/16/2018	n/a	1	ND	
MW-B	d	1,1-Dichloroethene	75-35-4	ug/L	10/16/2018	n/a	2	ND	
MW-B	d	cis-1,2-Dichloroethene	156-59-2	ug/L	10/16/2018	n/a	1	ND	
MW-B	d	trans-1,2-Dichloroethene	156-60-5	ug/L	10/16/2018	n/a	1	ND	
MW-B	d	1,2-Dichloropropane	78-87-5	ug/L	10/16/2018	n/a	1	ND	
MW-B	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	10/16/2018	n/a	5	ND	
MW-B	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	10/16/2018	n/a	5	ND	
MW-B	d	1,2-Dichlorobenzene	95-50-1	ug/L	10/16/2018	n/a	1	ND	
MW-B	d	1,4-Dichlorobenzene	106-46-7	ug/L	10/16/2018	n/a	1	ND	
MW-B	d	Ethylbenzene	100-41-4	ug/L	10/16/2018	n/a	1	ND	
MW-B	d	2-Hexanone	591-78-6	ug/L	10/16/2018	n/a	10	ND	
MW-B	d	Bromomethane	74-83-9	ug/L	10/16/2018	n/a	4	ND	
MW-B	d	Chloromethane	74-87-3	ug/L	10/16/2018	n/a	3	ND	
MW-B	d	2-Butanone	78-93-3	ug/L	10/16/2018	n/a	10	ND	
MW-B	d	Iodomethane	74-88-4	ug/L	10/16/2018	n/a	10	ND	
MW-B	d	4-Methyl-2-pentanone	108-10-1	ug/L	10/16/2018	n/a	10	ND	
MW-B	d	Methylene Bromide	74-95-3	ug/L	10/16/2018	n/a	1	ND	
MW-B	d	Methylene Chloride	75-09-2	ug/L	10/16/2018	n/a	5	ND	
MW-B	d	Styrene	100-42-5	ug/L	10/16/2018	n/a	1	ND	
MW-B	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	10/16/2018	n/a	1	ND	
MW-B	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	10/16/2018	n/a	1	ND	
MW-B	d	Tetrachloroethene	127-18-4	ug/L	10/16/2018	n/a	1	ND	
MW-B	d	Toluene	108-88-3	ug/L	10/16/2018	n/a	1	ND	
MW-B	d	1,1,1-Trichloroethane	71-55-6	ug/L	10/16/2018	n/a	1	ND	
MW-B	d	1,1,2-Trichloroethane	79-00-5	ug/L	10/16/2018	n/a	1	ND	
MW-B	d	Trichloroethene	79-01-6	ug/L	10/16/2018	n/a	1	ND	
MW-B	d	Trichlorofluoromethane	75-69-4	ug/L	10/16/2018	n/a	4	ND	
MW-B	d	1,2,3-Trichloropropane	96-18-4	ug/L	10/16/2018	n/a	1	ND	
MW-B	d	Vinyl acetate	108-05-4	ug/L	10/16/2018	n/a	10	ND	
MW-B	d	Vinyl chloride	75-01-4	ug/L	10/16/2018	n/a	1	ND	
MW-B	d	Xylenes, total	1330-20-7	ug/L	10/16/2018	n/a	3	ND	
MW-B	d	Total Suspended Solids	TSS	mg/L	10/16/2018	0.64	1.9		14.8
MW-B	d	4-Bromofluorobenzene	460-00-4	ug/L	10/16/2018	n/a	n/a		51.7
MW-B	d	4-Bromofluorobenzene	460-00-4	ug/L	10/16/2018	n/a	n/a		51.1
MW-B	d	Dibromofluoromethane	1868-53-7	ug/L	10/16/2018	n/a	n/a		47.8
MW-B	d	Dibromofluoromethane	1868-53-7	ug/L	10/16/2018	n/a	n/a		47.1
MW-B	d	Toluene-d8	2037-26-5	ug/L	10/16/2018	n/a	n/a		47.6
MW-B	d	Toluene-d8	2037-26-5	ug/L	10/16/2018	n/a	n/a		47.8
MW-C	d	Antimony	7440-36-0	mg/L	10/16/2018	n/a	0.003	ND	
MW-C	d	Arsenic	7440-38-2	mg/L	10/16/2018	n/a	0.001	ND	
MW-C	d	Barium	7440-39-3	mg/L	10/16/2018	0.00073	0.0025		0.342

Table 9A
Analytical Data Summary - Phase II MSWLF
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Phase II MSWLF and CWTS
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-C	d	Beryllium	7440-41-7	mg/L	10/16/2018	n/a	0.001	ND	
MW-C	d	Cadmium	7440-43-9	mg/L	10/16/2018	n/a	0.0005	ND	
MW-C	d	Chromium	7440-47-3	mg/L	10/16/2018	n/a	0.005	ND	
MW-C	d	Cobalt	7440-48-4	mg/L	10/16/2018	n/a	0.001	ND	
MW-C	d	Copper	7440-50-8	mg/L	10/16/2018	0.000497	0.002		0.00455
MW-C	d	Lead	7439-92-1	mg/L	10/16/2018	0.000186	0.0005		0.000518
MW-C	d	Nickel	7440-02-0	mg/L	10/16/2018	n/a	0.002	ND	
MW-C	d	Selenium	7782-49-2	mg/L	10/16/2018	n/a	0.0025	ND	
MW-C	d	Silver	7440-22-4	mg/L	10/16/2018	n/a	0.0005	ND	
MW-C	d	Thallium	7440-28-0	mg/L	10/16/2018	n/a	0.002	ND	
MW-C	d	Vanadium	7440-62-2	mg/L	10/16/2018	n/a	0.005	ND	
MW-C	d	Zinc	7440-66-6	mg/L	10/16/2018	n/a	0.02	ND	
MW-C	d	Acetone	67-64-1	ug/L	10/16/2018	n/a	10	ND	
MW-C	d	Acrylonitrile	107-13-1	ug/L	10/16/2018	n/a	10	ND	
MW-C	d	Benzene	71-43-2	ug/L	10/16/2018	n/a	0.5	ND	
MW-C	d	Bromochloromethane	74-97-5	ug/L	10/16/2018	n/a	5	ND	
MW-C	d	Bromodichloromethane	75-27-4	ug/L	10/16/2018	n/a	1	ND	
MW-C	d	Bromoform	75-25-2	ug/L	10/16/2018	n/a	5	ND	
MW-C	d	Carbon disulfide	75-15-0	ug/L	10/16/2018	n/a	1	ND	
MW-C	d	Carbon Tetrachloride	56-23-5	ug/L	10/16/2018	n/a	2	ND	
MW-C	d	Chlorobenzene	108-90-7	ug/L	10/16/2018	n/a	1	ND	
MW-C	d	Chloroethane	75-00-3	ug/L	10/16/2018	n/a	4	ND	
MW-C	d	Chloroform	67-66-3	ug/L	10/16/2018	n/a	3	ND	
MW-C	d	Chlorodibromomethane	124-48-1	ug/L	10/16/2018	n/a	5	ND	
MW-C	d	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	10/16/2018	n/a	1.2	ND	
MW-C	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	10/16/2018	n/a	0.34	ND	
MW-C	d	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	10/16/2018	n/a	10	ND	
MW-C	d	1,1-Dichloroethane	75-34-3	ug/L	10/16/2018	n/a	1	ND	
MW-C	d	1,2-Dichloroethane	107-06-2	ug/L	10/16/2018	n/a	1	ND	
MW-C	d	1,1-Dichloroethene	75-35-4	ug/L	10/16/2018	n/a	2	ND	
MW-C	d	cis-1,2-Dichloroethene	156-59-2	ug/L	10/16/2018	n/a	1	ND	
MW-C	d	trans-1,2-Dichloroethene	156-60-5	ug/L	10/16/2018	n/a	1	ND	
MW-C	d	1,2-Dichloropropane	78-87-5	ug/L	10/16/2018	n/a	1	ND	
MW-C	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	10/16/2018	n/a	5	ND	
MW-C	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	10/16/2018	n/a	5	ND	
MW-C	d	1,2-Dichlorobenzene	95-50-1	ug/L	10/16/2018	n/a	1	ND	
MW-C	d	1,4-Dichlorobenzene	106-46-7	ug/L	10/16/2018	n/a	1	ND	
MW-C	d	Ethylbenzene	100-41-4	ug/L	10/16/2018	n/a	1	ND	
MW-C	d	2-Hexanone	591-78-6	ug/L	10/16/2018	n/a	10	ND	
MW-C	d	Bromomethane	74-83-9	ug/L	10/16/2018	n/a	4	ND	
MW-C	d	Chloromethane	74-87-3	ug/L	10/16/2018	n/a	3	ND	
MW-C	d	2-Butanone	78-93-3	ug/L	10/16/2018	n/a	10	ND	
MW-C	d	Iodomethane	74-88-4	ug/L	10/16/2018	n/a	10	ND	
MW-C	d	4-Methyl-2-pentanone	108-10-1	ug/L	10/16/2018	n/a	10	ND	
MW-C	d	Methylene Bromide	74-95-3	ug/L	10/16/2018	n/a	1	ND	
MW-C	d	Methylene Chloride	75-09-2	ug/L	10/16/2018	n/a	5	ND	
MW-C	d	Styrene	100-42-5	ug/L	10/16/2018	n/a	1	ND	
MW-C	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	10/16/2018	n/a	1	ND	
MW-C	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	10/16/2018	n/a	1	ND	
MW-C	d	Tetrachloroethene	127-18-4	ug/L	10/16/2018	n/a	1	ND	
MW-C	d	Toluene	108-88-3	ug/L	10/16/2018	n/a	1	ND	
MW-C	d	1,1,1-Trichloroethane	71-55-6	ug/L	10/16/2018	n/a	1	ND	
MW-C	d	1,1,2-Trichloroethane	79-00-5	ug/L	10/16/2018	n/a	1	ND	
MW-C	d	Trichloroethene	79-01-6	ug/L	10/16/2018	n/a	1	ND	
MW-C	d	Trichlorofluoromethane	75-69-4	ug/L	10/16/2018	n/a	4	ND	
MW-C	d	1,2,3-Trichloropropane	96-18-4	ug/L	10/16/2018	n/a	1	ND	
MW-C	d	Vinyl acetate	108-05-4	ug/L	10/16/2018	n/a	10	ND	
MW-C	d	Vinyl chloride	75-01-4	ug/L	10/16/2018	n/a	1	ND	
MW-C	d	Xylenes, total	1330-20-7	ug/L	10/16/2018	n/a	3	ND	
MW-C	d	Total Suspended Solids	TSS	mg/L	10/16/2018	n/a	1.9	ND	
MW-C	d	4-Bromofluorobenzene	460-00-4	ug/L	10/16/2018	n/a	n/a		52.5
MW-C	d	4-Bromofluorobenzene	460-00-4	ug/L	10/16/2018	n/a	n/a		51.3
MW-C	d	Dibromofluoromethane	1868-53-7	ug/L	10/16/2018	n/a	n/a		46.6
MW-C	d	Dibromofluoromethane	1868-53-7	ug/L	10/16/2018	n/a	n/a		47.1
MW-C	d	Toluene-d8	2037-26-5	ug/L	10/16/2018	n/a	n/a		48.9
MW-C	d	Toluene-d8	2037-26-5	ug/L	10/16/2018	n/a	n/a		46.9
GU-3	d	Antimony	7440-36-0	mg/L	10/17/2018	n/a	0.003	ND	
GU-3	d	Arsenic	7440-38-2	mg/L	10/17/2018	0.000232	0.001		0.00168
GU-3	d	Barium	7440-39-3	mg/L	10/17/2018	0.00073	0.0025		0.0817
GU-3	d	Beryllium	7440-41-7	mg/L	10/17/2018	n/a	0.001	ND	
GU-3	d	Cadmium	7440-43-9	mg/L	10/17/2018	n/a	0.0005	ND	
GU-3	d	Chromium	7440-47-3	mg/L	10/17/2018	0.00114	0.005	J	0.00173
GU-3	d	Cobalt	7440-48-4	mg/L	10/17/2018	0.000402	0.001	J	0.000524
GU-3	d	Copper	7440-50-8	mg/L	10/17/2018	0.000497	0.002		0.00283
GU-3	d	Lead	7439-92-1	mg/L	10/17/2018	n/a	0.0005	ND	

Table 9A
Analytical Data Summary - Phase II MSWLF
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Phase II MSWLF and CWTS
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Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
GU-3	d	Nickel	7440-02-0	mg/L	10/17/2018	0.000625	0.002		0.00602
GU-3	d	Selenium	7782-49-2	mg/L	10/17/2018	n/a	0.0025	ND	
GU-3	d	Silver	7440-22-4	mg/L	10/17/2018	n/a	0.0005	ND	
GU-3	d	Thallium	7440-28-0	mg/L	10/17/2018	n/a	0.002	ND	
GU-3	d	Vanadium	7440-62-2	mg/L	10/17/2018	n/a	0.005	ND	
GU-3	d	Zinc	7440-66-6	mg/L	10/17/2018	0.00692	0.02		0.031
GU-3	d	Acetone	67-64-1	ug/L	10/17/2018	3.1	10	J	3.6
GU-3	d	Acrylonitrile	107-13-1	ug/L	10/17/2018	n/a	10	ND	
GU-3	d	Benzene	71-43-2	ug/L	10/17/2018	n/a	0.5	ND	
GU-3	d	Bromochloromethane	74-97-5	ug/L	10/17/2018	n/a	5	ND	
GU-3	d	Bromodichloromethane	75-27-4	ug/L	10/17/2018	n/a	1	ND	
GU-3	d	Bromoform	75-25-2	ug/L	10/17/2018	n/a	5	ND	
GU-3	d	Carbon disulfide	75-15-0	ug/L	10/17/2018	n/a	1	ND	
GU-3	d	Carbon Tetrachloride	56-23-5	ug/L	10/17/2018	n/a	2	ND	
GU-3	d	Chlorobenzene	108-90-7	ug/L	10/17/2018	n/a	1	ND	
GU-3	d	Chloroethane	75-00-3	ug/L	10/17/2018	n/a	4	ND	
GU-3	d	Chloroform	67-66-3	ug/L	10/17/2018	n/a	3	ND	
GU-3	d	Chlorodibromomethane	124-48-1	ug/L	10/17/2018	n/a	5	ND	
GU-3	d	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	10/17/2018	n/a	1.2	ND	
GU-3	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	10/17/2018	n/a	0.34	ND	
GU-3	d	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	10/17/2018	n/a	10	ND	
GU-3	d	1,1-Dichloroethane	75-34-3	ug/L	10/17/2018	n/a	1	ND	
GU-3	d	1,2-Dichloroethane	107-06-2	ug/L	10/17/2018	n/a	1	ND	
GU-3	d	1,1-Dichloroethene	75-35-4	ug/L	10/17/2018	n/a	2	ND	
GU-3	d	cis-1,2-Dichloroethene	156-59-2	ug/L	10/17/2018	n/a	1	ND	
GU-3	d	trans-1,2-Dichloroethene	156-60-5	ug/L	10/17/2018	n/a	1	ND	
GU-3	d	1,2-Dichloropropane	78-87-5	ug/L	10/17/2018	n/a	1	ND	
GU-3	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	10/17/2018	n/a	5	ND	
GU-3	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	10/17/2018	n/a	5	ND	
GU-3	d	1,2-Dichlorobenzene	95-50-1	ug/L	10/17/2018	n/a	1	ND	
GU-3	d	1,4-Dichlorobenzene	106-46-7	ug/L	10/17/2018	n/a	1	ND	
GU-3	d	Ethylbenzene	100-41-4	ug/L	10/17/2018	n/a	1	ND	
GU-3	d	2-Hexanone	591-78-6	ug/L	10/17/2018	n/a	10	ND	
GU-3	d	Bromomethane	74-83-9	ug/L	10/17/2018	n/a	4	ND	
GU-3	d	Chloromethane	74-87-3	ug/L	10/17/2018	n/a	3	ND	
GU-3	d	2-Butanone	78-93-3	ug/L	10/17/2018	n/a	10	ND	
GU-3	d	Iodomethane	74-88-4	ug/L	10/17/2018	n/a	10	ND	
GU-3	d	4-Methyl-2-pentanone	108-10-1	ug/L	10/17/2018	n/a	10	ND	
GU-3	d	Methylene Bromide	74-95-3	ug/L	10/17/2018	n/a	1	ND	
GU-3	d	Methylene Chloride	75-09-2	ug/L	10/17/2018	n/a	5	ND	
GU-3	d	Styrene	100-42-5	ug/L	10/17/2018	n/a	1	ND	
GU-3	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	10/17/2018	n/a	1	ND	
GU-3	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	10/17/2018	n/a	1	ND	
GU-3	d	Tetrachloroethene	127-18-4	ug/L	10/17/2018	n/a	1	ND	
GU-3	d	Toluene	108-88-3	ug/L	10/17/2018	n/a	1	ND	
GU-3	d	1,1,1-Trichloroethane	71-55-6	ug/L	10/17/2018	n/a	1	ND	
GU-3	d	1,1,2-Trichloroethane	79-00-5	ug/L	10/17/2018	n/a	1	ND	
GU-3	d	Trichloroethene	79-01-6	ug/L	10/17/2018	n/a	1	ND	
GU-3	d	Trichlorofluoromethane	75-69-4	ug/L	10/17/2018	n/a	4	ND	
GU-3	d	1,2,3-Trichloropropane	96-18-4	ug/L	10/17/2018	n/a	1	ND	
GU-3	d	Vinyl acetate	108-05-4	ug/L	10/17/2018	n/a	10	ND	
GU-3	d	Vinyl chloride	75-01-4	ug/L	10/17/2018	n/a	1	ND	
GU-3	d	Xylenes, total	1330-20-7	ug/L	10/17/2018	n/a	3	ND	
GU-3	d	Total Suspended Solids	TSS	mg/L	10/17/2018	0.638	1.88		3.87
GU-3	d	4-Bromofluorobenzene	460-00-4	ug/L	10/17/2018	n/a	n/a		51.5
GU-3	d	Dibromofluoromethane	1868-53-7	ug/L	10/17/2018	n/a	n/a		50.6
GU-3	d	Toluene-d8	2037-26-5	ug/L	10/17/2018	n/a	n/a		50.5
MW-67	d	Antimony	7440-36-0	mg/L	10/17/2018	n/a	0.003	ND	
MW-67	d	Arsenic	7440-38-2	mg/L	10/17/2018	0.000232	0.001		0.00102
MW-67	d	Barium	7440-39-3	mg/L	10/17/2018	0.00073	0.0025		0.0424
MW-67	d	Beryllium	7440-41-7	mg/L	10/17/2018	n/a	0.001	ND	
MW-67	d	Cadmium	7440-43-9	mg/L	10/17/2018	n/a	0.0005	ND	
MW-67	d	Chromium	7440-47-3	mg/L	10/17/2018	0.00114	0.005	J	0.00154
MW-67	d	Cobalt	7440-48-4	mg/L	10/17/2018	n/a	0.001	ND	
MW-67	d	Copper	7440-50-8	mg/L	10/17/2018	0.000497	0.002	J	0.00134
MW-67	d	Lead	7439-92-1	mg/L	10/17/2018	n/a	0.0005	ND	
MW-67	d	Nickel	7440-02-0	mg/L	10/17/2018	0.000625	0.002		0.00702
MW-67	d	Selenium	7782-49-2	mg/L	10/17/2018	n/a	0.0025	ND	
MW-67	d	Silver	7440-22-4	mg/L	10/17/2018	n/a	0.0005	ND	
MW-67	d	Thallium	7440-28-0	mg/L	10/17/2018	n/a	0.002	ND	
MW-67	d	Vanadium	7440-62-2	mg/L	10/17/2018	n/a	0.005	ND	
MW-67	d	Zinc	7440-66-6	mg/L	10/17/2018	0.00692	0.02	J	0.00852
MW-67	d	Acetone	67-64-1	ug/L	10/17/2018	n/a	10	ND	
MW-67	d	Acrylonitrile	107-13-1	ug/L	10/17/2018	n/a	10	ND	
MW-67	d	Benzene	71-43-2	ug/L	10/17/2018	n/a	0.5	ND	

Table 9A
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Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-67	d	Bromochloromethane	74-97-5	ug/L	10/17/2018	n/a	5	ND	
MW-67	d	Bromodichloromethane	75-27-4	ug/L	10/17/2018	n/a	1	ND	
MW-67	d	Bromoform	75-25-2	ug/L	10/17/2018	n/a	5	ND	
MW-67	d	Carbon disulfide	75-15-0	ug/L	10/17/2018	n/a	1	ND	
MW-67	d	Carbon Tetrachloride	56-23-5	ug/L	10/17/2018	n/a	2	ND	
MW-67	d	Chlorobenzene	108-90-7	ug/L	10/17/2018	n/a	1	ND	
MW-67	d	Chloroethane	75-00-3	ug/L	10/17/2018	n/a	4	ND	
MW-67	d	Chloroform	67-66-3	ug/L	10/17/2018	n/a	3	ND	
MW-67	d	Chlorodibromomethane	124-48-1	ug/L	10/17/2018	n/a	5	ND	
MW-67	d	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	10/17/2018	n/a	1.2	ND	
MW-67	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	10/17/2018	n/a	0.34	ND	
MW-67	d	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	10/17/2018	n/a	10	ND	
MW-67	d	1,1-Dichloroethane	75-34-3	ug/L	10/17/2018	n/a	1	ND	
MW-67	d	1,2-Dichloroethane	107-06-2	ug/L	10/17/2018	n/a	1	ND	
MW-67	d	1,1-Dichloroethene	75-35-4	ug/L	10/17/2018	n/a	2	ND	
MW-67	d	cis-1,2-Dichloroethene	156-59-2	ug/L	10/17/2018	n/a	1	ND	
MW-67	d	trans-1,2-Dichloroethene	156-60-5	ug/L	10/17/2018	n/a	1	ND	
MW-67	d	1,2-Dichloropropane	78-87-5	ug/L	10/17/2018	n/a	1	ND	
MW-67	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	10/17/2018	n/a	5	ND	
MW-67	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	10/17/2018	n/a	5	ND	
MW-67	d	1,2-Dichlorobenzene	95-50-1	ug/L	10/17/2018	n/a	1	ND	
MW-67	d	1,4-Dichlorobenzene	106-46-7	ug/L	10/17/2018	n/a	1	ND	
MW-67	d	Ethylbenzene	100-41-4	ug/L	10/17/2018	n/a	1	ND	
MW-67	d	2-Hexanone	591-78-6	ug/L	10/17/2018	n/a	10	ND	
MW-67	d	Bromomethane	74-83-9	ug/L	10/17/2018	n/a	4	ND	
MW-67	d	Chloromethane	74-87-3	ug/L	10/17/2018	n/a	3	ND	
MW-67	d	2-Butanone	78-93-3	ug/L	10/17/2018	n/a	10	ND	
MW-67	d	Iodomethane	74-88-4	ug/L	10/17/2018	n/a	10	ND	
MW-67	d	4-Methyl-2-pentanone	108-10-1	ug/L	10/17/2018	n/a	10	ND	
MW-67	d	Methylene Bromide	74-95-3	ug/L	10/17/2018	n/a	1	ND	
MW-67	d	Methylene Chloride	75-09-2	ug/L	10/17/2018	n/a	5	ND	
MW-67	d	Styrene	100-42-5	ug/L	10/17/2018	n/a	1	ND	
MW-67	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	10/17/2018	n/a	1	ND	
MW-67	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	10/17/2018	n/a	1	ND	
MW-67	d	Tetrachloroethene	127-18-4	ug/L	10/17/2018	n/a	1	ND	
MW-67	d	Toluene	108-88-3	ug/L	10/17/2018	n/a	1	ND	
MW-67	d	1,1,1-Trichloroethane	71-55-6	ug/L	10/17/2018	n/a	1	ND	
MW-67	d	1,1,2-Trichloroethane	79-00-5	ug/L	10/17/2018	n/a	1	ND	
MW-67	d	Trichloroethene	79-01-6	ug/L	10/17/2018	n/a	1	ND	
MW-67	d	Trichlorofluoromethane	75-69-4	ug/L	10/17/2018	n/a	4	ND	
MW-67	d	1,2,3-Trichloropropane	96-18-4	ug/L	10/17/2018	n/a	1	ND	
MW-67	d	Vinyl acetate	108-05-4	ug/L	10/17/2018	n/a	10	ND	
MW-67	d	Vinyl chloride	75-01-4	ug/L	10/17/2018	n/a	1	ND	
MW-67	d	Xylenes, total	1330-20-7	ug/L	10/17/2018	n/a	3	ND	
MW-67	d	Total Suspended Solids	TSS	mg/L	10/17/2018	0.638	1.88	J	1.25
MW-67	d	4-Bromofluorobenzene	460-00-4	ug/L	10/17/2018	n/a	n/a		51.7
MW-67	d	Dibromofluoromethane	1868-53-7	ug/L	10/17/2018	n/a	n/a		49.7
MW-67	d	Toluene-d8	2037-26-5	ug/L	10/17/2018	n/a	n/a		50.8
GU-3	d	Antimony	7440-36-0	mg/L	5/15/2019	n/a	0.003	ND	
GU-3	d	Arsenic	7440-38-2	mg/L	5/15/2019	0.000232	0.001		0.0018
GU-3	d	Barium	7440-39-3	mg/L	5/15/2019	0.00073	0.0025		0.0939
GU-3	d	Beryllium	7440-41-7	mg/L	5/15/2019	n/a	0.001	ND	
GU-3	d	Cadmium	7440-43-9	mg/L	5/15/2019	n/a	0.0005	ND	
GU-3	d	Chromium	7440-47-3	mg/L	5/15/2019	n/a	0.005	ND	
GU-3	d	Cobalt	7440-48-4	mg/L	5/15/2019	0.000402	0.001	J	0.000942
GU-3	d	Copper	7440-50-8	mg/L	5/15/2019	0.000497	0.002	J	0.00157
GU-3	d	Lead	7439-92-1	mg/L	5/15/2019	0.000186	0.0005		0.00148
GU-3	d	Nickel	7440-02-0	mg/L	5/15/2019	0.000625	0.002		0.00819
GU-3	d	Selenium	7782-49-2	mg/L	5/15/2019	n/a	0.0025	ND	
GU-3	d	Silver	7440-22-4	mg/L	5/15/2019	n/a	0.0005	ND	
GU-3	d	Thallium	7440-28-0	mg/L	5/15/2019	n/a	0.002	ND	
GU-3	d	Vanadium	7440-62-2	mg/L	5/15/2019	n/a	0.005	ND	
GU-3	d	Zinc	7440-66-6	mg/L	5/15/2019	0.00692	0.02	B	0.324
GU-3	d	Acetone	67-64-1	ug/L	5/15/2019	3.1	10	J	9.08
GU-3	d	Acrylonitrile	107-13-1	ug/L	5/15/2019	n/a	10	ND	
GU-3	d	Benzene	71-43-2	ug/L	5/15/2019	0.22	0.5		1.26
GU-3	d	Bromochloromethane	74-97-5	ug/L	5/15/2019	n/a	5	ND	
GU-3	d	Bromodichloromethane	75-27-4	ug/L	5/15/2019	n/a	1	ND	
GU-3	d	Bromoform	75-25-2	ug/L	5/15/2019	n/a	5	ND	
GU-3	d	Carbon disulfide	75-15-0	ug/L	5/15/2019	n/a	1	ND	
GU-3	d	Carbon Tetrachloride	56-23-5	ug/L	5/15/2019	n/a	2	ND	
GU-3	d	Chlorobenzene	108-90-7	ug/L	5/15/2019	n/a	1	ND	
GU-3	d	Chloroethane	75-00-3	ug/L	5/15/2019	n/a	4	ND	
GU-3	d	Chloroform	67-66-3	ug/L	5/15/2019	n/a	3	ND	
GU-3	d	Chlorodibromomethane	124-48-1	ug/L	5/15/2019	n/a	5	ND	

Table 9A
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Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
GU-3	d	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	5/15/2019	n/a	1.2	ND	
GU-3	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	5/15/2019	n/a	0.34	ND	
GU-3	d	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	5/15/2019	n/a	10	ND	
GU-3	d	1,1-Dichloroethane	75-34-3	ug/L	5/15/2019	n/a	1	ND	
GU-3	d	1,2-Dichloroethane	107-06-2	ug/L	5/15/2019	0.39	1	J	0.743
GU-3	d	1,1-Dichloroethene	75-35-4	ug/L	5/15/2019	n/a	2	ND	
GU-3	d	cis-1,2-Dichloroethene	156-59-2	ug/L	5/15/2019	0.21	1	J	0.533
GU-3	d	trans-1,2-Dichloroethene	156-60-5	ug/L	5/15/2019	n/a	1	ND	
GU-3	d	1,2-Dichloropropane	78-87-5	ug/L	5/15/2019	n/a	1	ND	
GU-3	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	5/15/2019	n/a	5	ND	
GU-3	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	5/15/2019	n/a	5	ND	
GU-3	d	1,2-Dichlorobenzene	95-50-1	ug/L	5/15/2019	n/a	1	ND	
GU-3	d	1,4-Dichlorobenzene	106-46-7	ug/L	5/15/2019	n/a	1	ND	
GU-3	d	Ethylbenzene	100-41-4	ug/L	5/15/2019	0.31	1	J	0.352
GU-3	d	2-Hexanone	591-78-6	ug/L	5/15/2019	n/a	10	ND	
GU-3	d	Bromomethane	74-83-9	ug/L	5/15/2019	n/a	4	ND	
GU-3	d	Chloromethane	74-87-3	ug/L	5/15/2019	n/a	3	ND	
GU-3	d	2-Butanone	78-93-3	ug/L	5/15/2019	2.1	10		12.2
GU-3	d	Iodomethane	74-88-4	ug/L	5/15/2019	n/a	10	ND*	
GU-3	d	4-Methyl-2-pentanone	108-10-1	ug/L	5/15/2019	n/a	10	ND	
GU-3	d	Methylene Bromide	74-95-3	ug/L	5/15/2019	n/a	1	ND	
GU-3	d	Methylene Chloride	75-09-2	ug/L	5/15/2019	n/a	5	ND	
GU-3	d	Styrene	100-42-5	ug/L	5/15/2019	n/a	1	ND	
GU-3	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	5/15/2019	n/a	1	ND	
GU-3	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	5/15/2019	n/a	1	ND	
GU-3	d	Tetrachloroethene	127-18-4	ug/L	5/15/2019	n/a	1	ND	
GU-3	d	Toluene	108-88-3	ug/L	5/15/2019	0.43	1		1.53
GU-3	d	1,1,1-Trichloroethane	71-55-6	ug/L	5/15/2019	n/a	1	ND	
GU-3	d	1,1,2-Trichloroethane	79-00-5	ug/L	5/15/2019	n/a	1	ND	
GU-3	d	Trichloroethene	79-01-6	ug/L	5/15/2019	n/a	1	ND	
GU-3	d	Trichlorofluoromethane	75-69-4	ug/L	5/15/2019	n/a	4	ND	
GU-3	d	1,2,3-Trichloropropane	96-18-4	ug/L	5/15/2019	n/a	1	ND	
GU-3	d	Vinyl acetate	108-05-4	ug/L	5/15/2019	n/a	10	ND	
GU-3	d	Vinyl chloride	75-01-4	ug/L	5/15/2019	n/a	1	ND	
GU-3	d	Xylenes, total	1330-20-7	ug/L	5/15/2019	0.4	3		3.39
GU-3	d	Total Suspended Solids	TSS	mg/L	5/15/2019	1.7	5		33.7
GU-5	d	Antimony	7440-36-0	mg/L	5/15/2019	n/a	0.003	ND	
GU-5	d	Arsenic	7440-38-2	mg/L	5/15/2019	0.000232	0.001		0.00302
GU-5	d	Barium	7440-39-3	mg/L	5/15/2019	0.00073	0.0025		0.111
GU-5	d	Beryllium	7440-41-7	mg/L	5/15/2019	n/a	0.001	ND	
GU-5	d	Cadmium	7440-43-9	mg/L	5/15/2019	n/a	0.0005	ND	
GU-5	d	Chromium	7440-47-3	mg/L	5/15/2019	n/a	0.005	ND	
GU-5	d	Cobalt	7440-48-4	mg/L	5/15/2019	0.000402	0.001		0.00623
GU-5	d	Copper	7440-50-8	mg/L	5/15/2019	n/a	0.002	ND	
GU-5	d	Lead	7439-92-1	mg/L	5/15/2019	n/a	0.0005	ND	
GU-5	d	Nickel	7440-02-0	mg/L	5/15/2019	0.000625	0.002		0.014
GU-5	d	Selenium	7782-49-2	mg/L	5/15/2019	n/a	0.0025	ND	
GU-5	d	Silver	7440-22-4	mg/L	5/15/2019	n/a	0.0005	ND	
GU-5	d	Thallium	7440-28-0	mg/L	5/15/2019	n/a	0.002	ND	
GU-5	d	Vanadium	7440-62-2	mg/L	5/15/2019	n/a	0.005	ND	
GU-5	d	Zinc	7440-66-6	mg/L	5/15/2019	0.00692	0.02	JB	0.00894
GU-5	d	Acetone	67-64-1	ug/L	5/15/2019	n/a	10	ND	
GU-5	d	Acrylonitrile	107-13-1	ug/L	5/15/2019	n/a	10	ND	
GU-5	d	Benzene	71-43-2	ug/L	5/15/2019	n/a	0.5	ND	
GU-5	d	Bromochloromethane	74-97-5	ug/L	5/15/2019	n/a	5	ND	
GU-5	d	Bromodichloromethane	75-27-4	ug/L	5/15/2019	n/a	1	ND	
GU-5	d	Bromoform	75-25-2	ug/L	5/15/2019	n/a	5	ND	
GU-5	d	Carbon disulfide	75-15-0	ug/L	5/15/2019	n/a	1	ND	
GU-5	d	Carbon Tetrachloride	56-23-5	ug/L	5/15/2019	n/a	2	ND	
GU-5	d	Chlorobenzene	108-90-7	ug/L	5/15/2019	n/a	1	ND	
GU-5	d	Chloroethane	75-00-3	ug/L	5/15/2019	n/a	4	ND	
GU-5	d	Chloroform	67-66-3	ug/L	5/15/2019	n/a	3	ND	
GU-5	d	Chlorodibromomethane	124-48-1	ug/L	5/15/2019	n/a	5	ND	
GU-5	d	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	5/15/2019	n/a	1.2	ND	
GU-5	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	5/15/2019	n/a	0.34	ND	
GU-5	d	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	5/15/2019	n/a	10	ND	
GU-5	d	1,1-Dichloroethane	75-34-3	ug/L	5/15/2019	n/a	1	ND	
GU-5	d	1,2-Dichloroethane	107-06-2	ug/L	5/15/2019	n/a	1	ND	
GU-5	d	1,1-Dichloroethene	75-35-4	ug/L	5/15/2019	n/a	2	ND	
GU-5	d	cis-1,2-Dichloroethene	156-59-2	ug/L	5/15/2019	n/a	1	ND	
GU-5	d	trans-1,2-Dichloroethene	156-60-5	ug/L	5/15/2019	n/a	1	ND	
GU-5	d	1,2-Dichloropropane	78-87-5	ug/L	5/15/2019	n/a	1	ND	
GU-5	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	5/15/2019	n/a	5	ND	
GU-5	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	5/15/2019	n/a	5	ND	
GU-5	d	1,2-Dichlorobenzene	95-50-1	ug/L	5/15/2019	n/a	1	ND	

Table 9A
Analytical Data Summary - Phase II MSWLF
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Phase II MSWLF and CWTS
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
GU-5	d	1,4-Dichlorobenzene	106-46-7	ug/L	5/15/2019	n/a	1	ND	
GU-5	d	Ethylbenzene	100-41-4	ug/L	5/15/2019	n/a	1	ND	
GU-5	d	2-Hexanone	591-78-6	ug/L	5/15/2019	n/a	10	ND	
GU-5	d	Bromomethane	74-83-9	ug/L	5/15/2019	n/a	4	ND	
GU-5	d	Chloromethane	74-87-3	ug/L	5/15/2019	n/a	3	ND	
GU-5	d	2-Butanone	78-93-3	ug/L	5/15/2019	n/a	10	ND	
GU-5	d	Iodomethane	74-88-4	ug/L	5/15/2019	n/a	10	ND	
GU-5	d	4-Methyl-2-pentanone	108-10-1	ug/L	5/15/2019	n/a	10	ND	
GU-5	d	Methylene Bromide	74-95-3	ug/L	5/15/2019	n/a	1	ND	
GU-5	d	Methylene Chloride	75-09-2	ug/L	5/15/2019	n/a	5	ND	
GU-5	d	Styrene	100-42-5	ug/L	5/15/2019	n/a	1	ND	
GU-5	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	5/15/2019	n/a	1	ND	
GU-5	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	5/15/2019	n/a	1	ND	
GU-5	d	Tetrachloroethene	127-18-4	ug/L	5/15/2019	n/a	1	ND	
GU-5	d	Toluene	108-88-3	ug/L	5/15/2019	n/a	1	ND	
GU-5	d	1,1,1-Trichloroethane	71-55-6	ug/L	5/15/2019	n/a	1	ND	
GU-5	d	1,1,2-Trichloroethane	79-00-5	ug/L	5/15/2019	n/a	1	ND	
GU-5	d	Trichloroethene	79-01-6	ug/L	5/15/2019	n/a	1	ND	
GU-5	d	Trichlorofluoromethane	75-69-4	ug/L	5/15/2019	n/a	4	ND	
GU-5	d	1,2,3-Trichloropropane	96-18-4	ug/L	5/15/2019	n/a	1	ND	
GU-5	d	Vinyl acetate	108-05-4	ug/L	5/15/2019	n/a	10	ND	
GU-5	d	Vinyl chloride	75-01-4	ug/L	5/15/2019	n/a	1	ND	
GU-5	d	Xylenes, total	1330-20-7	ug/L	5/15/2019	n/a	3	ND	
GU-5	d	Total Suspended Solids	TSS	mg/L	5/15/2019	0.85	2.5		5.67
MW-26	u	Antimony	7440-36-0	mg/L	5/15/2019	n/a	0.003	ND	
MW-26	u	Arsenic	7440-38-2	mg/L	5/15/2019	0.000232	0.001	J	0.000846
MW-26	u	Barium	7440-39-3	mg/L	5/15/2019	0.00073	0.0025		0.0685
MW-26	u	Beryllium	7440-41-7	mg/L	5/15/2019	n/a	0.001	ND	
MW-26	u	Cadmium	7440-43-9	mg/L	5/15/2019	n/a	0.0005	ND	
MW-26	u	Chromium	7440-47-3	mg/L	5/15/2019	0.00114	0.005		0.00945
MW-26	u	Cobalt	7440-48-4	mg/L	5/15/2019	n/a	0.001	ND	
MW-26	u	Copper	7440-50-8	mg/L	5/15/2019	0.000497	0.002	J	0.000916
MW-26	u	Lead	7439-92-1	mg/L	5/15/2019	n/a	0.0005	ND	
MW-26	u	Nickel	7440-02-0	mg/L	5/15/2019	0.000625	0.002	J	0.00125
MW-26	u	Selenium	7782-49-2	mg/L	5/15/2019	0.000982	0.0025		0.0568
MW-26	u	Silver	7440-22-4	mg/L	5/15/2019	n/a	0.0005	ND	
MW-26	u	Thallium	7440-28-0	mg/L	5/15/2019	n/a	0.002	ND	
MW-26	u	Vanadium	7440-62-2	mg/L	5/15/2019	0.00215	0.005	J	0.00224
MW-26	u	Zinc	7440-66-6	mg/L	5/15/2019	n/a	0.02	ND	
MW-26	u	Acetone	67-64-1	ug/L	5/15/2019	n/a	10	ND	
MW-26	u	Acrylonitrile	107-13-1	ug/L	5/15/2019	n/a	10	ND	
MW-26	u	Benzene	71-43-2	ug/L	5/15/2019	n/a	0.5	ND	
MW-26	u	Bromochloromethane	74-97-5	ug/L	5/15/2019	n/a	5	ND	
MW-26	u	Bromodichloromethane	75-27-4	ug/L	5/15/2019	n/a	1	ND	
MW-26	u	Bromoform	75-25-2	ug/L	5/15/2019	n/a	5	ND	
MW-26	u	Carbon disulfide	75-15-0	ug/L	5/15/2019	n/a	1	ND	
MW-26	u	Carbon Tetrachloride	56-23-5	ug/L	5/15/2019	n/a	2	ND	
MW-26	u	Chlorobenzene	108-90-7	ug/L	5/15/2019	n/a	1	ND	
MW-26	u	Chloroethane	75-00-3	ug/L	5/15/2019	n/a	4	ND	
MW-26	u	Chloroform	67-66-3	ug/L	5/15/2019	n/a	3	ND	
MW-26	u	Chlorodibromomethane	124-48-1	ug/L	5/15/2019	n/a	5	ND	
MW-26	u	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	5/15/2019	n/a	1.2	ND	
MW-26	u	1,2-Dibromoethane [EDB]	106-93-4	ug/L	5/15/2019	n/a	0.34	ND	
MW-26	u	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	5/15/2019	n/a	10	ND	
MW-26	u	1,1-Dichloroethane	75-34-3	ug/L	5/15/2019	n/a	1	ND	
MW-26	u	1,2-Dichloroethane	107-06-2	ug/L	5/15/2019	n/a	1	ND	
MW-26	u	1,1-Dichloroethene	75-35-4	ug/L	5/15/2019	n/a	2	ND	
MW-26	u	cis-1,2-Dichloroethene	156-59-2	ug/L	5/15/2019	n/a	1	ND	
MW-26	u	trans-1,2-Dichloroethene	156-60-5	ug/L	5/15/2019	n/a	1	ND	
MW-26	u	1,2-Dichloropropane	78-87-5	ug/L	5/15/2019	n/a	1	ND	
MW-26	u	cis-1,3-Dichloropropene	10061-01-5	ug/L	5/15/2019	n/a	5	ND	
MW-26	u	trans-1,3-Dichloropropene	10061-02-6	ug/L	5/15/2019	n/a	5	ND	
MW-26	u	1,2-Dichlorobenzene	95-50-1	ug/L	5/15/2019	n/a	1	ND	
MW-26	u	1,4-Dichlorobenzene	106-46-7	ug/L	5/15/2019	n/a	1	ND	
MW-26	u	Ethylbenzene	100-41-4	ug/L	5/15/2019	n/a	1	ND	
MW-26	u	2-Hexanone	591-78-6	ug/L	5/15/2019	n/a	10	ND	
MW-26	u	Bromomethane	74-83-9	ug/L	5/15/2019	n/a	4	ND	
MW-26	u	Chloromethane	74-87-3	ug/L	5/15/2019	n/a	3	ND	
MW-26	u	2-Butanone	78-93-3	ug/L	5/15/2019	n/a	10	ND	
MW-26	u	Iodomethane	74-88-4	ug/L	5/15/2019	n/a	10	ND*	
MW-26	u	4-Methyl-2-pentanone	108-10-1	ug/L	5/15/2019	n/a	10	ND	
MW-26	u	Methylene Bromide	74-95-3	ug/L	5/15/2019	n/a	1	ND	
MW-26	u	Methylene Chloride	75-09-2	ug/L	5/15/2019	n/a	5	ND	
MW-26	u	Styrene	100-42-5	ug/L	5/15/2019	n/a	1	ND	
MW-26	u	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	5/15/2019	n/a	1	ND	

Table 9A
Analytical Data Summary - Phase II MSWLF
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Phase II MSWLF and CWTS
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-26	u	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	5/15/2019	n/a	1	ND	
MW-26	u	Tetrachloroethene	127-18-4	ug/L	5/15/2019	n/a	1	ND	
MW-26	u	Toluene	108-88-3	ug/L	5/15/2019	n/a	1	ND	
MW-26	u	1,1,1-Trichloroethane	71-55-6	ug/L	5/15/2019	n/a	1	ND	
MW-26	u	1,1,2-Trichloroethane	79-00-5	ug/L	5/15/2019	n/a	1	ND	
MW-26	u	Trichloroethene	79-01-6	ug/L	5/15/2019	n/a	1	ND	
MW-26	u	Trichlorofluoromethane	75-69-4	ug/L	5/15/2019	n/a	4	ND	
MW-26	u	1,2,3-Trichloropropane	96-18-4	ug/L	5/15/2019	n/a	1	ND	
MW-26	u	Vinyl acetate	108-05-4	ug/L	5/15/2019	n/a	10	ND	
MW-26	u	Vinyl chloride	75-01-4	ug/L	5/15/2019	n/a	1	ND	
MW-26	u	Xylenes, total	1330-20-7	ug/L	5/15/2019	n/a	3	ND	
MW-26	u	Total Suspended Solids	TSS	mg/L	5/15/2019	0.638	1.88		2
MW-67	d	Antimony	7440-36-0	mg/L	5/15/2019	n/a	0.003	ND	
MW-67	d	Arsenic	7440-38-2	mg/L	5/15/2019	0.000232	0.001	J	0.000814
MW-67	d	Barium	7440-39-3	mg/L	5/15/2019	0.00073	0.0025		0.0295
MW-67	d	Beryllium	7440-41-7	mg/L	5/15/2019	n/a	0.001	ND	
MW-67	d	Cadmium	7440-43-9	mg/L	5/15/2019	n/a	0.0005	ND	
MW-67	d	Chromium	7440-47-3	mg/L	5/15/2019	n/a	0.005	ND	
MW-67	d	Cobalt	7440-48-4	mg/L	5/15/2019	n/a	0.001	ND	
MW-67	d	Copper	7440-50-8	mg/L	5/15/2019	0.000497	0.002		0.0102
MW-67	d	Lead	7439-92-1	mg/L	5/15/2019	0.000186	0.0005	J	0.000271
MW-67	d	Nickel	7440-02-0	mg/L	5/15/2019	0.000625	0.002		0.00274
MW-67	d	Selenium	7782-49-2	mg/L	5/15/2019	n/a	0.0025	ND	
MW-67	d	Silver	7440-22-4	mg/L	5/15/2019	n/a	0.0005	ND	
MW-67	d	Thallium	7440-28-0	mg/L	5/15/2019	n/a	0.002	ND	
MW-67	d	Vanadium	7440-62-2	mg/L	5/15/2019	n/a	0.005	ND	
MW-67	d	Zinc	7440-66-6	mg/L	5/15/2019	0.00692	0.02	JB	0.0114
MW-67	d	Acetone	67-64-1	ug/L	5/15/2019	n/a	10	ND	
MW-67	d	Acrylonitrile	107-13-1	ug/L	5/15/2019	n/a	10	ND	
MW-67	d	Benzene	71-43-2	ug/L	5/15/2019	n/a	0.5	ND	
MW-67	d	Bromochloromethane	74-97-5	ug/L	5/15/2019	n/a	5	ND	
MW-67	d	Bromodichloromethane	75-27-4	ug/L	5/15/2019	n/a	1	ND	
MW-67	d	Bromoform	75-25-2	ug/L	5/15/2019	n/a	5	ND	
MW-67	d	Carbon disulfide	75-15-0	ug/L	5/15/2019	n/a	1	ND	
MW-67	d	Carbon Tetrachloride	56-23-5	ug/L	5/15/2019	n/a	2	ND	
MW-67	d	Chlorobenzene	108-90-7	ug/L	5/15/2019	n/a	1	ND	
MW-67	d	Chloroethane	75-00-3	ug/L	5/15/2019	n/a	4	ND	
MW-67	d	Chloroform	67-66-3	ug/L	5/15/2019	n/a	3	ND	
MW-67	d	Chlorodibromomethane	124-48-1	ug/L	5/15/2019	n/a	5	ND	
MW-67	d	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	5/15/2019	n/a	1.2	ND	
MW-67	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	5/15/2019	n/a	0.34	ND	
MW-67	d	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	5/15/2019	n/a	10	ND	
MW-67	d	1,1-Dichloroethane	75-34-3	ug/L	5/15/2019	n/a	1	ND	
MW-67	d	1,2-Dichloroethane	107-06-2	ug/L	5/15/2019	n/a	1	ND	
MW-67	d	1,1-Dichloroethene	75-35-4	ug/L	5/15/2019	n/a	2	ND	
MW-67	d	cis-1,2-Dichloroethene	156-59-2	ug/L	5/15/2019	n/a	1	ND	
MW-67	d	trans-1,2-Dichloroethene	156-60-5	ug/L	5/15/2019	n/a	1	ND	
MW-67	d	1,2-Dichloropropane	78-87-5	ug/L	5/15/2019	n/a	1	ND	
MW-67	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	5/15/2019	n/a	5	ND	
MW-67	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	5/15/2019	n/a	5	ND	
MW-67	d	1,2-Dichlorobenzene	95-50-1	ug/L	5/15/2019	n/a	1	ND	
MW-67	d	1,4-Dichlorobenzene	106-46-7	ug/L	5/15/2019	n/a	1	ND	
MW-67	d	Ethylbenzene	100-41-4	ug/L	5/15/2019	n/a	1	ND	
MW-67	d	2-Hexanone	591-78-6	ug/L	5/15/2019	n/a	10	ND	
MW-67	d	Bromomethane	74-83-9	ug/L	5/15/2019	n/a	4	ND	
MW-67	d	Chloromethane	74-87-3	ug/L	5/15/2019	n/a	3	ND	
MW-67	d	2-Butanone	78-93-3	ug/L	5/15/2019	n/a	10	ND	
MW-67	d	Iodomethane	74-88-4	ug/L	5/15/2019	n/a	10	ND*	
MW-67	d	4-Methyl-2-pentanone	108-10-1	ug/L	5/15/2019	n/a	10	ND	
MW-67	d	Methylene Bromide	74-95-3	ug/L	5/15/2019	n/a	1	ND	
MW-67	d	Methylene Chloride	75-09-2	ug/L	5/15/2019	n/a	5	ND	
MW-67	d	Styrene	100-42-5	ug/L	5/15/2019	n/a	1	ND	
MW-67	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	5/15/2019	n/a	1	ND	
MW-67	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	5/15/2019	n/a	1	ND	
MW-67	d	Tetrachloroethene	127-18-4	ug/L	5/15/2019	n/a	1	ND	
MW-67	d	Toluene	108-88-3	ug/L	5/15/2019	n/a	1	ND	
MW-67	d	1,1,1-Trichloroethane	71-55-6	ug/L	5/15/2019	n/a	1	ND	
MW-67	d	1,1,2-Trichloroethane	79-00-5	ug/L	5/15/2019	n/a	1	ND	
MW-67	d	Trichloroethene	79-01-6	ug/L	5/15/2019	n/a	1	ND	
MW-67	d	Trichlorofluoromethane	75-69-4	ug/L	5/15/2019	n/a	4	ND	
MW-67	d	1,2,3-Trichloropropane	96-18-4	ug/L	5/15/2019	n/a	1	ND	
MW-67	d	Vinyl acetate	108-05-4	ug/L	5/15/2019	n/a	10	ND	
MW-67	d	Vinyl chloride	75-01-4	ug/L	5/15/2019	n/a	1	ND	
MW-67	d	Xylenes, total	1330-20-7	ug/L	5/15/2019	n/a	3	ND	
MW-67	d	Total Suspended Solids	TSS	mg/L	5/15/2019	n/a	1.88	ND	

Table 9A
Analytical Data Summary - Phase II MSWLF
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Phase II MSWLF and CWTS
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-B	d	Antimony	7440-36-0	mg/L	5/15/2019	n/a	0.003	ND	
MW-B	d	Arsenic	7440-38-2	mg/L	5/15/2019	0.000232	0.001		0.0018
MW-B	d	Barium	7440-39-3	mg/L	5/15/2019	0.00073	0.0025		0.0587
MW-B	d	Beryllium	7440-41-7	mg/L	5/15/2019	n/a	0.001	ND	
MW-B	d	Cadmium	7440-43-9	mg/L	5/15/2019	n/a	0.0005	ND	
MW-B	d	Chromium	7440-47-3	mg/L	5/15/2019	0.00114	0.005	J	0.00348
MW-B	d	Cobalt	7440-48-4	mg/L	5/15/2019	0.000402	0.001		0.00196
MW-B	d	Copper	7440-50-8	mg/L	5/15/2019	0.000497	0.002		0.0582
MW-B	d	Lead	7439-92-1	mg/L	5/15/2019	0.000186	0.0005		0.00275
MW-B	d	Nickel	7440-02-0	mg/L	5/15/2019	0.000625	0.002		0.00397
MW-B	d	Selenium	7782-49-2	mg/L	5/15/2019	n/a	0.0025	ND	
MW-B	d	Silver	7440-22-4	mg/L	5/15/2019	n/a	0.0005	ND	
MW-B	d	Thallium	7440-28-0	mg/L	5/15/2019	n/a	0.002	ND	
MW-B	d	Vanadium	7440-62-2	mg/L	5/15/2019	0.00215	0.005		0.00602
MW-B	d	Zinc	7440-66-6	mg/L	5/15/2019	0.00692	0.02	B	0.0413
MW-B	d	Acetone	67-64-1	ug/L	5/15/2019	n/a	10	ND	
MW-B	d	Acrylonitrile	107-13-1	ug/L	5/15/2019	n/a	10	ND	
MW-B	d	Benzene	71-43-2	ug/L	5/15/2019	n/a	0.5	ND	
MW-B	d	Bromochloromethane	74-97-5	ug/L	5/15/2019	n/a	5	ND	
MW-B	d	Bromodichloromethane	75-27-4	ug/L	5/15/2019	n/a	1	ND	
MW-B	d	Bromoform	75-25-2	ug/L	5/15/2019	n/a	5	ND	
MW-B	d	Carbon disulfide	75-15-0	ug/L	5/15/2019	n/a	1	ND	
MW-B	d	Carbon Tetrachloride	56-23-5	ug/L	5/15/2019	n/a	2	ND	
MW-B	d	Chlorobenzene	108-90-7	ug/L	5/15/2019	n/a	1	ND	
MW-B	d	Chloroethane	75-00-3	ug/L	5/15/2019	n/a	4	ND	
MW-B	d	Chloroform	67-66-3	ug/L	5/15/2019	n/a	3	ND	
MW-B	d	Chlorodibromomethane	124-48-1	ug/L	5/15/2019	n/a	5	ND	
MW-B	d	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	5/15/2019	n/a	1.2	ND	
MW-B	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	5/15/2019	n/a	0.34	ND	
MW-B	d	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	5/15/2019	n/a	10	ND	
MW-B	d	1,1-Dichloroethane	75-34-3	ug/L	5/15/2019	n/a	1	ND	
MW-B	d	1,2-Dichloroethane	107-06-2	ug/L	5/15/2019	n/a	1	ND	
MW-B	d	1,1-Dichloroethene	75-35-4	ug/L	5/15/2019	n/a	2	ND	
MW-B	d	cis-1,2-Dichloroethene	156-59-2	ug/L	5/15/2019	n/a	1	ND	
MW-B	d	trans-1,2-Dichloroethene	156-60-5	ug/L	5/15/2019	n/a	1	ND	
MW-B	d	1,2-Dichloropropane	78-87-5	ug/L	5/15/2019	n/a	1	ND	
MW-B	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	5/15/2019	n/a	5	ND	
MW-B	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	5/15/2019	n/a	5	ND	
MW-B	d	1,2-Dichlorobenzene	95-50-1	ug/L	5/15/2019	n/a	1	ND	
MW-B	d	1,4-Dichlorobenzene	106-46-7	ug/L	5/15/2019	n/a	1	ND	
MW-B	d	Ethylbenzene	100-41-4	ug/L	5/15/2019	n/a	1	ND	
MW-B	d	2-Hexanone	591-78-6	ug/L	5/15/2019	n/a	10	ND	
MW-B	d	Bromomethane	74-83-9	ug/L	5/15/2019	n/a	4	ND	
MW-B	d	Chloromethane	74-87-3	ug/L	5/15/2019	n/a	3	ND	
MW-B	d	2-Butanone	78-93-3	ug/L	5/15/2019	n/a	10	ND	
MW-B	d	Iodomethane	74-88-4	ug/L	5/15/2019	n/a	10	ND*	
MW-B	d	4-Methyl-2-pentanone	108-10-1	ug/L	5/15/2019	n/a	10	ND	
MW-B	d	Methylene Bromide	74-95-3	ug/L	5/15/2019	n/a	1	ND	
MW-B	d	Methylene Chloride	75-09-2	ug/L	5/15/2019	n/a	5	ND	
MW-B	d	Styrene	100-42-5	ug/L	5/15/2019	n/a	1	ND	
MW-B	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	5/15/2019	n/a	1	ND	
MW-B	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	5/15/2019	n/a	1	ND	
MW-B	d	Tetrachloroethene	127-18-4	ug/L	5/15/2019	n/a	1	ND	
MW-B	d	Toluene	108-88-3	ug/L	5/15/2019	n/a	1	ND	
MW-B	d	1,1,1-Trichloroethane	71-55-6	ug/L	5/15/2019	n/a	1	ND	
MW-B	d	1,1,2-Trichloroethane	79-00-5	ug/L	5/15/2019	n/a	1	ND	
MW-B	d	Trichloroethene	79-01-6	ug/L	5/15/2019	n/a	1	ND	
MW-B	d	Trichlorofluoromethane	75-69-4	ug/L	5/15/2019	n/a	4	ND	
MW-B	d	1,2,3-Trichloropropane	96-18-4	ug/L	5/15/2019	n/a	1	ND	
MW-B	d	Vinyl acetate	108-05-4	ug/L	5/15/2019	n/a	10	ND	
MW-B	d	Vinyl chloride	75-01-4	ug/L	5/15/2019	n/a	1	ND	
MW-B	d	Xylenes, total	1330-20-7	ug/L	5/15/2019	n/a	3	ND	
MW-B	d	Total Suspended Solids	TSS	mg/L	5/15/2019	1.28	3.75		26
MW-C	d	Antimony	7440-36-0	mg/L	5/15/2019	n/a	0.003	ND	
MW-C	d	Arsenic	7440-38-2	mg/L	5/15/2019	0.000232	0.001	J	0.00098
MW-C	d	Barium	7440-39-3	mg/L	5/15/2019	0.00073	0.0025		0.276
MW-C	d	Beryllium	7440-41-7	mg/L	5/15/2019	n/a	0.001	ND	
MW-C	d	Cadmium	7440-43-9	mg/L	5/15/2019	n/a	0.0005	ND	
MW-C	d	Chromium	7440-47-3	mg/L	5/15/2019	n/a	0.005	ND	
MW-C	d	Cobalt	7440-48-4	mg/L	5/15/2019	0.000402	0.001	J	0.000415
MW-C	d	Copper	7440-50-8	mg/L	5/15/2019	0.000497	0.002		0.0412
MW-C	d	Lead	7439-92-1	mg/L	5/15/2019	0.000186	0.0005		0.000936
MW-C	d	Nickel	7440-02-0	mg/L	5/15/2019	0.000625	0.002		0.00288
MW-C	d	Selenium	7782-49-2	mg/L	5/15/2019	n/a	0.0025	ND	
MW-C	d	Silver	7440-22-4	mg/L	5/15/2019	n/a	0.0005	ND	

Table 9A
Analytical Data Summary - Phase II MSWLF
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Phase II MSWLF and CWTS
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Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-C	d	Thallium	7440-28-0	mg/L	5/15/2019	n/a	0.002	ND	
MW-C	d	Vanadium	7440-62-2	mg/L	5/15/2019	n/a	0.005	ND	
MW-C	d	Zinc	7440-66-6	mg/L	5/15/2019	0.00692	0.02	B	0.128
MW-C	d	Acetone	67-64-1	ug/L	5/15/2019	n/a	10	ND	
MW-C	d	Acrylonitrile	107-13-1	ug/L	5/15/2019	n/a	10	ND	
MW-C	d	Benzene	71-43-2	ug/L	5/15/2019	n/a	0.5	ND	
MW-C	d	Bromochloromethane	74-97-5	ug/L	5/15/2019	n/a	5	ND	
MW-C	d	Bromodichloromethane	75-27-4	ug/L	5/15/2019	n/a	1	ND	
MW-C	d	Bromoform	75-25-2	ug/L	5/15/2019	n/a	5	ND	
MW-C	d	Carbon disulfide	75-15-0	ug/L	5/15/2019	n/a	1	ND	
MW-C	d	Carbon Tetrachloride	56-23-5	ug/L	5/15/2019	n/a	2	ND	
MW-C	d	Chlorobenzene	108-90-7	ug/L	5/15/2019	n/a	1	ND	
MW-C	d	Chloroethane	75-00-3	ug/L	5/15/2019	n/a	4	ND	
MW-C	d	Chloroform	67-66-3	ug/L	5/15/2019	n/a	3	ND	
MW-C	d	Chlorodibromomethane	124-48-1	ug/L	5/15/2019	n/a	5	ND	
MW-C	d	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	5/15/2019	n/a	1.2	ND	
MW-C	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	5/15/2019	n/a	0.34	ND	
MW-C	d	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	5/15/2019	n/a	10	ND	
MW-C	d	1,1-Dichloroethane	75-34-3	ug/L	5/15/2019	n/a	1	ND	
MW-C	d	1,2-Dichloroethane	107-06-2	ug/L	5/15/2019	n/a	1	ND	
MW-C	d	1,1-Dichloroethene	75-35-4	ug/L	5/15/2019	n/a	2	ND	
MW-C	d	cis-1,2-Dichloroethene	156-59-2	ug/L	5/15/2019	n/a	1	ND	
MW-C	d	trans-1,2-Dichloroethene	156-60-5	ug/L	5/15/2019	n/a	1	ND	
MW-C	d	1,2-Dichloropropane	78-87-5	ug/L	5/15/2019	n/a	1	ND	
MW-C	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	5/15/2019	n/a	5	ND	
MW-C	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	5/15/2019	n/a	5	ND	
MW-C	d	1,2-Dichlorobenzene	95-50-1	ug/L	5/15/2019	n/a	1	ND	
MW-C	d	1,4-Dichlorobenzene	106-46-7	ug/L	5/15/2019	n/a	1	ND	
MW-C	d	Ethylbenzene	100-41-4	ug/L	5/15/2019	n/a	1	ND	
MW-C	d	2-Hexanone	591-78-6	ug/L	5/15/2019	n/a	10	ND	
MW-C	d	Bromomethane	74-83-9	ug/L	5/15/2019	n/a	4	ND	
MW-C	d	Chloromethane	74-87-3	ug/L	5/15/2019	n/a	3	ND	
MW-C	d	2-Butanone	78-93-3	ug/L	5/15/2019	n/a	10	ND	
MW-C	d	Iodomethane	74-88-4	ug/L	5/15/2019	n/a	10	ND	
MW-C	d	4-Methyl-2-pentanone	108-10-1	ug/L	5/15/2019	n/a	10	ND	
MW-C	d	Methylene Bromide	74-95-3	ug/L	5/15/2019	n/a	1	ND	
MW-C	d	Methylene Chloride	75-09-2	ug/L	5/15/2019	n/a	5	ND	
MW-C	d	Styrene	100-42-5	ug/L	5/15/2019	n/a	1	ND	
MW-C	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	5/15/2019	n/a	1	ND	
MW-C	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	5/15/2019	n/a	1	ND	
MW-C	d	Tetrachloroethane	127-18-4	ug/L	5/15/2019	n/a	1	ND	
MW-C	d	Toluene	108-88-3	ug/L	5/15/2019	n/a	1	ND	
MW-C	d	1,1,1-Trichloroethane	71-55-6	ug/L	5/15/2019	n/a	1	ND	
MW-C	d	1,1,2-Trichloroethane	79-00-5	ug/L	5/15/2019	n/a	1	ND	
MW-C	d	Trichloroethene	79-01-6	ug/L	5/15/2019	n/a	1	ND	
MW-C	d	Trichlorofluoromethane	75-69-4	ug/L	5/15/2019	n/a	4	ND	
MW-C	d	1,2,3-Trichloropropane	96-18-4	ug/L	5/15/2019	n/a	1	ND	
MW-C	d	Vinyl acetate	108-05-4	ug/L	5/15/2019	n/a	10	ND	
MW-C	d	Vinyl chloride	75-01-4	ug/L	5/15/2019	n/a	1	ND	
MW-C	d	Xylenes, total	1330-20-7	ug/L	5/15/2019	n/a	3	ND	
MW-C	d	Total Suspended Solids	TSS	mg/L	5/15/2019	0.638	1.88		3
GU-3	d	Benzene	71-43-2	ug/L	8/1/2019	n/a	5	ND	
GU-3	d	2-Butanone	78-93-3	ug/L	8/1/2019	21	100		133
GU-3	d	Toluene	108-88-3	ug/L	8/1/2019	n/a	10	ND	
MW-B	d	Copper	7440-50-8	mg/L	8/1/2019	0.002	0.005	J	0.00234
GU-3	d	Antimony	7440-36-0	mg/L	9/9/2019	n/a	0.001	ND	
GU-3	d	Arsenic	7440-38-2	mg/L	9/9/2019	0.00075	0.002		0.0467
GU-3	d	Barium	7440-39-3	mg/L	9/9/2019	0.00084	0.002		0.395
GU-3	d	Beryllium	7440-41-7	mg/L	9/9/2019	0.00027	0.001	J	0.000395
GU-3	d	Cadmium	7440-43-9	mg/L	9/9/2019	0.000039	0.0001		0.00038
GU-3	d	Chromium	7440-47-3	mg/L	9/9/2019	0.00098	0.005		0.0184
GU-3	d	Cobalt	7440-48-4	mg/L	9/9/2019	0.000091	0.0005		0.00952
GU-3	d	Copper	7440-50-8	mg/L	9/9/2019	0.002	0.005		0.0123
GU-3	d	Lead	7439-92-1	mg/L	9/9/2019	0.00027	0.0005		0.00613
GU-3	d	Nickel	7440-02-0	mg/L	9/9/2019	0.0017	0.005		0.0155
GU-3	d	Selenium	7782-49-2	mg/L	9/9/2019	0.001	0.005	J	0.00131
GU-3	d	Silver	7440-22-4	mg/L	9/9/2019	n/a	0.001	ND	
GU-3	d	Thallium	7440-28-0	mg/L	9/9/2019	n/a	0.001	ND	
GU-3	d	Vanadium	7440-62-2	mg/L	9/9/2019	0.00082	0.005		0.0198
GU-3	d	Zinc	7440-66-6	mg/L	9/9/2019	0.01	0.02		0.0922
GU-3	d	Acetone	67-64-1	ug/L	9/9/2019	n/a	10	ND	
GU-3	d	Acrylonitrile	107-13-1	ug/L	9/9/2019	n/a	10	ND	
GU-3	d	Benzene	71-43-2	ug/L	9/9/2019	n/a	0.5	ND	
GU-3	d	Bromochloromethane	74-97-5	ug/L	9/9/2019	n/a	5	ND	
GU-3	d	Bromodichloromethane	75-27-4	ug/L	9/9/2019	n/a	1	ND	

Table 9A
Analytical Data Summary - Phase II MSWLF
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Phase II MSWLF and CWTS
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Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
GU-3	d	Bromoform	75-25-2	ug/L	9/9/2019	n/a	5	ND	
GU-3	d	Carbon disulfide	75-15-0	ug/L	9/9/2019	n/a	1	ND	
GU-3	d	Carbon Tetrachloride	56-23-5	ug/L	9/9/2019	n/a	2	ND	
GU-3	d	Chlorobenzene	108-90-7	ug/L	9/9/2019	n/a	1	ND	
GU-3	d	Chloroethane	75-00-3	ug/L	9/9/2019	n/a	4	ND	
GU-3	d	Chloroform	67-66-3	ug/L	9/9/2019	n/a	3	ND	
GU-3	d	Chlorodibromomethane	124-48-1	ug/L	9/9/2019	n/a	5	ND	
GU-3	d	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	9/9/2019	n/a	1.2	ND	
GU-3	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	9/9/2019	n/a	0.34	ND	
GU-3	d	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	9/9/2019	n/a	10	ND	
GU-3	d	1,1-Dichloroethane	75-34-3	ug/L	9/9/2019	n/a	1	ND	
GU-3	d	1,2-Dichloroethane	107-06-2	ug/L	9/9/2019	n/a	1	ND	
GU-3	d	1,1-Dichloroethene	75-35-4	ug/L	9/9/2019	n/a	2	ND	
GU-3	d	cis-1,2-Dichloroethene	156-59-2	ug/L	9/9/2019	n/a	1	ND	
GU-3	d	trans-1,2-Dichloroethene	156-60-5	ug/L	9/9/2019	n/a	1	ND	
GU-3	d	1,2-Dichloropropane	78-87-5	ug/L	9/9/2019	n/a	1	ND	
GU-3	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	9/9/2019	n/a	5	ND	
GU-3	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	9/9/2019	n/a	5	ND	
GU-3	d	1,2-Dichlorobenzene	95-50-1	ug/L	9/9/2019	n/a	1	ND	
GU-3	d	1,4-Dichlorobenzene	106-46-7	ug/L	9/9/2019	n/a	1	ND	
GU-3	d	Ethylbenzene	100-41-4	ug/L	9/9/2019	n/a	1	ND	
GU-3	d	2-Hexanone	591-78-6	ug/L	9/9/2019	n/a	10	ND	
GU-3	d	Bromomethane	74-83-9	ug/L	9/9/2019	n/a	4	ND	
GU-3	d	Chloromethane	74-87-3	ug/L	9/9/2019	n/a	3	ND	
GU-3	d	2-Butanone	78-93-3	ug/L	9/9/2019	n/a	10	ND	
GU-3	d	Iodomethane	74-88-4	ug/L	9/9/2019	n/a	10	ND	
GU-3	d	4-Methyl-2-pentanone	108-10-1	ug/L	9/9/2019	n/a	10	ND	
GU-3	d	Methylene Bromide	74-95-3	ug/L	9/9/2019	n/a	1	ND	
GU-3	d	Methylene Chloride	75-09-2	ug/L	9/9/2019	n/a	5	ND	
GU-3	d	Styrene	100-42-5	ug/L	9/9/2019	n/a	1	ND	
GU-3	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	9/9/2019	n/a	1	ND	
GU-3	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	9/9/2019	n/a	1	ND	
GU-3	d	Tetrachloroethene	127-18-4	ug/L	9/9/2019	n/a	1	ND	
GU-3	d	Toluene	108-88-3	ug/L	9/9/2019	n/a	1	ND	
GU-3	d	1,1,1-Trichloroethane	71-55-6	ug/L	9/9/2019	n/a	1	ND	
GU-3	d	1,1,2-Trichloroethane	79-00-5	ug/L	9/9/2019	n/a	1	ND	
GU-3	d	Trichloroethene	79-01-6	ug/L	9/9/2019	n/a	1	ND	
GU-3	d	Trichlorofluoromethane	75-69-4	ug/L	9/9/2019	n/a	4	ND	
GU-3	d	1,2,3-Trichloropropane	96-18-4	ug/L	9/9/2019	n/a	1	ND	
GU-3	d	Vinyl acetate	108-05-4	ug/L	9/9/2019	n/a	10	ND	
GU-3	d	Vinyl chloride	75-01-4	ug/L	9/9/2019	n/a	1	ND	
GU-3	d	Xylenes, total	1330-20-7	ug/L	9/9/2019	n/a	3	ND	
GU-3	d	Total Suspended Solids	TSS	mg/L	9/9/2019	12.8	37.5		1470
GU-3	d	4-Bromofluorobenzene	460-00-4	ug/L	9/9/2019	n/a	n/a		50.8
GU-3	d	Dibromofluoromethane	1868-53-7	ug/L	9/9/2019	n/a	n/a		49.1
GU-3	d	Toluene-d8	2037-26-5	ug/L	9/9/2019	n/a	n/a		50.7
GU-5	d	Antimony	7440-36-0	mg/L	9/9/2019	n/a	0.001	ND	
GU-5	d	Arsenic	7440-38-2	mg/L	9/9/2019	0.00075	0.002	J	0.000951
GU-5	d	Barium	7440-39-3	mg/L	9/9/2019	0.00084	0.002		0.101
GU-5	d	Beryllium	7440-41-7	mg/L	9/9/2019	n/a	0.001	ND	
GU-5	d	Cadmium	7440-43-9	mg/L	9/9/2019	0.000039	0.0001	J	0.000042
GU-5	d	Chromium	7440-47-3	mg/L	9/9/2019	n/a	0.005	ND	
GU-5	d	Cobalt	7440-48-4	mg/L	9/9/2019	0.000091	0.0005		0.00339
GU-5	d	Copper	7440-50-8	mg/L	9/9/2019	0.002	0.005		0.00776
GU-5	d	Lead	7439-92-1	mg/L	9/9/2019	n/a	0.0005	ND	
GU-5	d	Nickel	7440-02-0	mg/L	9/9/2019	0.0017	0.005		0.0111
GU-5	d	Selenium	7782-49-2	mg/L	9/9/2019	n/a	0.005	ND	
GU-5	d	Silver	7440-22-4	mg/L	9/9/2019	n/a	0.001	ND	
GU-5	d	Thallium	7440-28-0	mg/L	9/9/2019	n/a	0.001	ND	
GU-5	d	Vanadium	7440-62-2	mg/L	9/9/2019	n/a	0.005	ND	
GU-5	d	Zinc	7440-66-6	mg/L	9/9/2019	0.01	0.02	J	0.0112
GU-5	d	Acetone	67-64-1	ug/L	9/9/2019	n/a	10	ND	
GU-5	d	Acrylonitrile	107-13-1	ug/L	9/9/2019	n/a	10	ND	
GU-5	d	Benzene	71-43-2	ug/L	9/9/2019	n/a	0.5	ND	
GU-5	d	Bromochloromethane	74-97-5	ug/L	9/9/2019	n/a	5	ND	
GU-5	d	Bromodichloromethane	75-27-4	ug/L	9/9/2019	n/a	1	ND	
GU-5	d	Bromoform	75-25-2	ug/L	9/9/2019	n/a	5	ND	
GU-5	d	Carbon disulfide	75-15-0	ug/L	9/9/2019	n/a	1	ND	
GU-5	d	Carbon Tetrachloride	56-23-5	ug/L	9/9/2019	n/a	2	ND	
GU-5	d	Chlorobenzene	108-90-7	ug/L	9/9/2019	n/a	1	ND	
GU-5	d	Chloroethane	75-00-3	ug/L	9/9/2019	n/a	4	ND	
GU-5	d	Chloroform	67-66-3	ug/L	9/9/2019	n/a	3	ND	
GU-5	d	Chlorodibromomethane	124-48-1	ug/L	9/9/2019	n/a	5	ND	
GU-5	d	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	9/9/2019	n/a	1.2	ND	
GU-5	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	9/9/2019	n/a	0.34	ND	

Table 9A
Analytical Data Summary - Phase II MSWLF
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Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
GU-5	d	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	9/9/2019	n/a	10	ND	
GU-5	d	1,1-Dichloroethane	75-34-3	ug/L	9/9/2019	n/a	1	ND	
GU-5	d	1,2-Dichloroethane	107-06-2	ug/L	9/9/2019	n/a	1	ND	
GU-5	d	1,1-Dichloroethene	75-35-4	ug/L	9/9/2019	n/a	2	ND	
GU-5	d	cis-1,2-Dichloroethene	156-59-2	ug/L	9/9/2019	n/a	1	ND	
GU-5	d	trans-1,2-Dichloroethene	156-60-5	ug/L	9/9/2019	n/a	1	ND	
GU-5	d	1,2-Dichloropropane	78-87-5	ug/L	9/9/2019	n/a	1	ND	
GU-5	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	9/9/2019	n/a	5	ND	
GU-5	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	9/9/2019	n/a	5	ND	
GU-5	d	1,2-Dichlorobenzene	95-50-1	ug/L	9/9/2019	n/a	1	ND	
GU-5	d	1,4-Dichlorobenzene	106-46-7	ug/L	9/9/2019	n/a	1	ND	
GU-5	d	Ethylbenzene	100-41-4	ug/L	9/9/2019	n/a	1	ND	
GU-5	d	2-Hexanone	591-78-6	ug/L	9/9/2019	n/a	10	ND	
GU-5	d	Bromomethane	74-83-9	ug/L	9/9/2019	n/a	4	ND	
GU-5	d	Chloromethane	74-87-3	ug/L	9/9/2019	n/a	3	ND	
GU-5	d	2-Butanone	78-93-3	ug/L	9/9/2019	n/a	10	ND	
GU-5	d	Iodomethane	74-88-4	ug/L	9/9/2019	n/a	10	ND	
GU-5	d	4-Methyl-2-pentanone	108-10-1	ug/L	9/9/2019	n/a	10	ND	
GU-5	d	Methylene Bromide	74-95-3	ug/L	9/9/2019	n/a	1	ND	
GU-5	d	Methylene Chloride	75-09-2	ug/L	9/9/2019	n/a	5	ND	
GU-5	d	Styrene	100-42-5	ug/L	9/9/2019	n/a	1	ND	
GU-5	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	9/9/2019	n/a	1	ND	
GU-5	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	9/9/2019	n/a	1	ND	
GU-5	d	Tetrachloroethene	127-18-4	ug/L	9/9/2019	n/a	1	ND	
GU-5	d	Toluene	108-88-3	ug/L	9/9/2019	n/a	1	ND	
GU-5	d	1,1,1-Trichloroethane	71-55-6	ug/L	9/9/2019	n/a	1	ND	
GU-5	d	1,1,2-Trichloroethane	79-00-5	ug/L	9/9/2019	n/a	1	ND	
GU-5	d	Trichloroethene	79-01-6	ug/L	9/9/2019	n/a	1	ND	
GU-5	d	Trichlorofluoromethane	75-69-4	ug/L	9/9/2019	n/a	4	ND	
GU-5	d	1,2,3-Trichloropropane	96-18-4	ug/L	9/9/2019	n/a	1	ND	
GU-5	d	Vinyl acetate	108-05-4	ug/L	9/9/2019	n/a	10	ND	
GU-5	d	Vinyl chloride	75-01-4	ug/L	9/9/2019	n/a	1	ND	
GU-5	d	Xylenes, total	1330-20-7	ug/L	9/9/2019	n/a	3	ND	
GU-5	d	Total Suspended Solids	TSS	mg/L	9/9/2019	0.638	1.88		12.4
GU-5	d	4-Bromofluorobenzene	460-00-4	ug/L	9/9/2019	n/a	n/a		50.1
GU-5	d	Dibromofluoromethane	1868-53-7	ug/L	9/9/2019	n/a	n/a		48.9
GU-5	d	Toluene-d8	2037-26-5	ug/L	9/9/2019	n/a	n/a		48.1
MW-26	u	Antimony	7440-36-0	mg/L	9/9/2019	n/a	0.001	ND	
MW-26	u	Arsenic	7440-38-2	mg/L	9/9/2019	n/a	0.002	ND	
MW-26	u	Barium	7440-39-3	mg/L	9/9/2019	0.00084	0.002		0.0598
MW-26	u	Beryllium	7440-41-7	mg/L	9/9/2019	n/a	0.001	ND	
MW-26	u	Cadmium	7440-43-9	mg/L	9/9/2019	n/a	0.0001	ND	
MW-26	u	Chromium	7440-47-3	mg/L	9/9/2019	0.00098	0.005		0.0107
MW-26	u	Cobalt	7440-48-4	mg/L	9/9/2019	n/a	0.0005	ND	
MW-26	u	Copper	7440-50-8	mg/L	9/9/2019	n/a	0.005	ND	
MW-26	u	Lead	7439-92-1	mg/L	9/9/2019	n/a	0.0005	ND	
MW-26	u	Nickel	7440-02-0	mg/L	9/9/2019	n/a	0.005	ND	
MW-26	u	Selenium	7782-49-2	mg/L	9/9/2019	0.001	0.005		0.0495
MW-26	u	Silver	7440-22-4	mg/L	9/9/2019	n/a	0.001	ND	
MW-26	u	Thallium	7440-28-0	mg/L	9/9/2019	n/a	0.001	ND	
MW-26	u	Vanadium	7440-62-2	mg/L	9/9/2019	0.00082	0.005	J	0.000989
MW-26	u	Zinc	7440-66-6	mg/L	9/9/2019	n/a	0.02	ND	
MW-26	u	Acetone	67-64-1	ug/L	9/9/2019	n/a	10	ND	
MW-26	u	Acrylonitrile	107-13-1	ug/L	9/9/2019	n/a	10	ND	
MW-26	u	Benzene	71-43-2	ug/L	9/9/2019	n/a	0.5	ND	
MW-26	u	Bromochloromethane	74-97-5	ug/L	9/9/2019	n/a	5	ND	
MW-26	u	Bromodichloromethane	75-27-4	ug/L	9/9/2019	n/a	1	ND	
MW-26	u	Bromoform	75-25-2	ug/L	9/9/2019	n/a	5	ND	
MW-26	u	Carbon disulfide	75-15-0	ug/L	9/9/2019	n/a	1	ND	
MW-26	u	Carbon Tetrachloride	56-23-5	ug/L	9/9/2019	n/a	2	ND	
MW-26	u	Chlorobenzene	108-90-7	ug/L	9/9/2019	n/a	1	ND	
MW-26	u	Chloroethane	75-00-3	ug/L	9/9/2019	n/a	4	ND	
MW-26	u	Chloroform	67-66-3	ug/L	9/9/2019	n/a	3	ND	
MW-26	u	Chlorodibromomethane	124-48-1	ug/L	9/9/2019	n/a	5	ND	
MW-26	u	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	9/9/2019	n/a	1.2	ND	
MW-26	u	1,2-Dibromoethane [EDB]	106-93-4	ug/L	9/9/2019	n/a	0.34	ND	
MW-26	u	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	9/9/2019	n/a	10	ND	
MW-26	u	1,1-Dichloroethane	75-34-3	ug/L	9/9/2019	n/a	1	ND	
MW-26	u	1,2-Dichloroethane	107-06-2	ug/L	9/9/2019	n/a	1	ND	
MW-26	u	1,1-Dichloroethene	75-35-4	ug/L	9/9/2019	n/a	2	ND	
MW-26	u	cis-1,2-Dichloroethene	156-59-2	ug/L	9/9/2019	n/a	1	ND	
MW-26	u	trans-1,2-Dichloroethene	156-60-5	ug/L	9/9/2019	n/a	1	ND	
MW-26	u	1,2-Dichloropropane	78-87-5	ug/L	9/9/2019	n/a	1	ND	
MW-26	u	cis-1,3-Dichloropropene	10061-01-5	ug/L	9/9/2019	n/a	5	ND	
MW-26	u	trans-1,3-Dichloropropene	10061-02-6	ug/L	9/9/2019	n/a	5	ND	

Table 9A
Analytical Data Summary - Phase II MSWLF
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Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-26	u	1,2-Dichlorobenzene	95-50-1	ug/L	9/9/2019	n/a	1	ND	
MW-26	u	1,4-Dichlorobenzene	106-46-7	ug/L	9/9/2019	n/a	1	ND	
MW-26	u	Ethylbenzene	100-41-4	ug/L	9/9/2019	n/a	1	ND	
MW-26	u	2-Hexanone	591-78-6	ug/L	9/9/2019	n/a	10	ND	
MW-26	u	Bromomethane	74-83-9	ug/L	9/9/2019	n/a	4	ND	
MW-26	u	Chloromethane	74-87-3	ug/L	9/9/2019	n/a	3	ND	
MW-26	u	2-Butanone	78-93-3	ug/L	9/9/2019	n/a	10	ND	
MW-26	u	Iodomethane	74-88-4	ug/L	9/9/2019	n/a	10	ND	
MW-26	u	4-Methyl-2-pentanone	108-10-1	ug/L	9/9/2019	n/a	10	ND	
MW-26	u	Methylene Bromide	74-95-3	ug/L	9/9/2019	n/a	1	ND	
MW-26	u	Methylene Chloride	75-09-2	ug/L	9/9/2019	n/a	5	ND	
MW-26	u	Styrene	100-42-5	ug/L	9/9/2019	n/a	1	ND	
MW-26	u	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	9/9/2019	n/a	1	ND	
MW-26	u	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	9/9/2019	n/a	1	ND	
MW-26	u	Tetrachloroethene	127-18-4	ug/L	9/9/2019	n/a	1	ND	
MW-26	u	Toluene	108-88-3	ug/L	9/9/2019	n/a	1	ND	
MW-26	u	1,1,1-Trichloroethane	71-55-6	ug/L	9/9/2019	n/a	1	ND	
MW-26	u	1,1,2-Trichloroethane	79-00-5	ug/L	9/9/2019	n/a	1	ND	
MW-26	u	Trichloroethene	79-01-6	ug/L	9/9/2019	n/a	1	ND	
MW-26	u	Trichlorofluoromethane	75-69-4	ug/L	9/9/2019	n/a	4	ND	
MW-26	u	1,2,3-Trichloropropane	96-18-4	ug/L	9/9/2019	n/a	1	ND	
MW-26	u	Vinyl acetate	108-05-4	ug/L	9/9/2019	n/a	10	ND	
MW-26	u	Vinyl chloride	75-01-4	ug/L	9/9/2019	n/a	1	ND	
MW-26	u	Xylenes, total	1330-20-7	ug/L	9/9/2019	n/a	3	ND	
MW-26	u	Total Suspended Solids	TSS	mg/L	9/9/2019	n/a	1.88	ND	
MW-26	u	4-Bromofluorobenzene	460-00-4	ug/L	9/9/2019	n/a	n/a		53.5
MW-26	u	Dibromofluoromethane	1868-53-7	ug/L	9/9/2019	n/a	n/a		48.7
MW-26	u	Toluene-d8	2037-26-5	ug/L	9/9/2019	n/a	n/a		48.7
MW-67	d	Antimony	7440-36-0	mg/L	9/9/2019	n/a	0.001	ND	
MW-67	d	Arsenic	7440-38-2	mg/L	9/9/2019	n/a	0.002	ND	
MW-67	d	Barium	7440-39-3	mg/L	9/9/2019	0.00084	0.002		0.0392
MW-67	d	Beryllium	7440-41-7	mg/L	9/9/2019	n/a	0.001	ND	
MW-67	d	Cadmium	7440-43-9	mg/L	9/9/2019	0.000039	0.0001	J	0.000065
MW-67	d	Chromium	7440-47-3	mg/L	9/9/2019	n/a	0.005	ND	
MW-67	d	Cobalt	7440-48-4	mg/L	9/9/2019	0.000091	0.0005	J	0.000102
MW-67	d	Copper	7440-50-8	mg/L	9/9/2019	n/a	0.005	ND	
MW-67	d	Lead	7439-92-1	mg/L	9/9/2019	n/a	0.0005	ND	
MW-67	d	Nickel	7440-02-0	mg/L	9/9/2019	0.0017	0.005		0.00567
MW-67	d	Selenium	7782-49-2	mg/L	9/9/2019	n/a	0.005	ND	
MW-67	d	Silver	7440-22-4	mg/L	9/9/2019	n/a	0.001	ND	
MW-67	d	Thallium	7440-28-0	mg/L	9/9/2019	n/a	0.001	ND	
MW-67	d	Vanadium	7440-62-2	mg/L	9/9/2019	n/a	0.005	ND	
MW-67	d	Zinc	7440-66-6	mg/L	9/9/2019	n/a	0.02	ND	
MW-67	d	Acetone	67-64-1	ug/L	9/9/2019	n/a	10	ND	
MW-67	d	Acrylonitrile	107-13-1	ug/L	9/9/2019	n/a	10	ND	
MW-67	d	Benzene	71-43-2	ug/L	9/9/2019	n/a	0.5	ND	
MW-67	d	Bromochloromethane	74-97-5	ug/L	9/9/2019	n/a	5	ND	
MW-67	d	Bromodichloromethane	75-27-4	ug/L	9/9/2019	n/a	1	ND	
MW-67	d	Bromoform	75-25-2	ug/L	9/9/2019	n/a	5	ND	
MW-67	d	Carbon disulfide	75-15-0	ug/L	9/9/2019	n/a	1	ND	
MW-67	d	Carbon Tetrachloride	56-23-5	ug/L	9/9/2019	n/a	2	ND	
MW-67	d	Chlorobenzene	108-90-7	ug/L	9/9/2019	n/a	1	ND	
MW-67	d	Chloroethane	75-00-3	ug/L	9/9/2019	n/a	4	ND	
MW-67	d	Chloroform	67-66-3	ug/L	9/9/2019	n/a	3	ND	
MW-67	d	Chlorodibromomethane	124-48-1	ug/L	9/9/2019	n/a	5	ND	
MW-67	d	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	9/9/2019	n/a	1.2	ND	
MW-67	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	9/9/2019	n/a	0.34	ND	
MW-67	d	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	9/9/2019	n/a	10	ND	
MW-67	d	1,1-Dichloroethane	75-34-3	ug/L	9/9/2019	n/a	1	ND	
MW-67	d	1,2-Dichloroethane	107-06-2	ug/L	9/9/2019	n/a	1	ND	
MW-67	d	1,1-Dichloroethene	75-35-4	ug/L	9/9/2019	n/a	2	ND	
MW-67	d	cis-1,2-Dichloroethene	156-59-2	ug/L	9/9/2019	n/a	1	ND	
MW-67	d	trans-1,2-Dichloroethene	156-60-5	ug/L	9/9/2019	n/a	1	ND	
MW-67	d	1,2-Dichloropropane	78-87-5	ug/L	9/9/2019	n/a	1	ND	
MW-67	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	9/9/2019	n/a	5	ND	
MW-67	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	9/9/2019	n/a	5	ND	
MW-67	d	1,2-Dichlorobenzene	95-50-1	ug/L	9/9/2019	n/a	1	ND	
MW-67	d	1,4-Dichlorobenzene	106-46-7	ug/L	9/9/2019	n/a	1	ND	
MW-67	d	Ethylbenzene	100-41-4	ug/L	9/9/2019	n/a	1	ND	
MW-67	d	2-Hexanone	591-78-6	ug/L	9/9/2019	n/a	10	ND	
MW-67	d	Bromomethane	74-83-9	ug/L	9/9/2019	n/a	4	ND	
MW-67	d	Chloromethane	74-87-3	ug/L	9/9/2019	n/a	3	ND	
MW-67	d	2-Butanone	78-93-3	ug/L	9/9/2019	n/a	10	ND	
MW-67	d	Iodomethane	74-88-4	ug/L	9/9/2019	n/a	10	ND	
MW-67	d	4-Methyl-2-pentanone	108-10-1	ug/L	9/9/2019	n/a	10	ND	

Table 9A
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Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-67	d	Methylene Bromide	74-95-3	ug/L	9/9/2019	n/a	1	ND	
MW-67	d	Methylene Chloride	75-09-2	ug/L	9/9/2019	n/a	5	ND	
MW-67	d	Styrene	100-42-5	ug/L	9/9/2019	n/a	1	ND	
MW-67	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	9/9/2019	n/a	1	ND	
MW-67	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	9/9/2019	n/a	1	ND	
MW-67	d	Tetrachloroethene	127-18-4	ug/L	9/9/2019	n/a	1	ND	
MW-67	d	Toluene	108-88-3	ug/L	9/9/2019	n/a	1	ND	
MW-67	d	1,1,1-Trichloroethane	71-55-6	ug/L	9/9/2019	n/a	1	ND	
MW-67	d	1,1,2-Trichloroethane	79-00-5	ug/L	9/9/2019	n/a	1	ND	
MW-67	d	Trichloroethene	79-01-6	ug/L	9/9/2019	n/a	1	ND	
MW-67	d	Trichlorofluoromethane	75-69-4	ug/L	9/9/2019	n/a	4	ND	
MW-67	d	1,2,3-Trichloropropane	96-18-4	ug/L	9/9/2019	n/a	1	ND	
MW-67	d	Vinyl acetate	108-05-4	ug/L	9/9/2019	n/a	10	ND	
MW-67	d	Vinyl chloride	75-01-4	ug/L	9/9/2019	n/a	1	ND	
MW-67	d	Xylenes, total	1330-20-7	ug/L	9/9/2019	n/a	3	ND	
MW-67	d	Total Suspended Solids	TSS	mg/L	9/9/2019	n/a	1.88	ND	
MW-67	d	4-Bromofluorobenzene	460-00-4	ug/L	9/9/2019	n/a	n/a		45.8
MW-67	d	Dibromofluoromethane	1868-53-7	ug/L	9/9/2019	n/a	n/a		52.4
MW-67	d	Toluene-d8	2037-26-5	ug/L	9/9/2019	n/a	n/a		52.1
MW-B	d	Antimony	7440-36-0	mg/L	9/9/2019	n/a	0.001	ND	
MW-B	d	Arsenic	7440-38-2	mg/L	9/9/2019	n/a	0.002	ND	
MW-B	d	Barium	7440-39-3	mg/L	9/9/2019	0.00084	0.002		0.0474
MW-B	d	Beryllium	7440-41-7	mg/L	9/9/2019	n/a	0.001	ND	
MW-B	d	Cadmium	7440-43-9	mg/L	9/9/2019	0.000039	0.0001		0.000164
MW-B	d	Chromium	7440-47-3	mg/L	9/9/2019	n/a	0.005	ND	
MW-B	d	Cobalt	7440-48-4	mg/L	9/9/2019	0.000091	0.0005	J	0.000498
MW-B	d	Copper	7440-50-8	mg/L	9/9/2019	0.002	0.005	J	0.00219
MW-B	d	Lead	7439-92-1	mg/L	9/9/2019	0.00027	0.0005	J	0.000369
MW-B	d	Nickel	7440-02-0	mg/L	9/9/2019	0.0017	0.005	J	0.00319
MW-B	d	Selenium	7782-49-2	mg/L	9/9/2019	n/a	0.005	ND	
MW-B	d	Silver	7440-22-4	mg/L	9/9/2019	n/a	0.001	ND	
MW-B	d	Thallium	7440-28-0	mg/L	9/9/2019	n/a	0.001	ND	
MW-B	d	Vanadium	7440-62-2	mg/L	9/9/2019	0.00082	0.005	J	0.00106
MW-B	d	Zinc	7440-66-6	mg/L	9/9/2019	0.01	0.02	J	0.0112
MW-B	d	Acetone	67-64-1	ug/L	9/9/2019	n/a	10	ND	
MW-B	d	Acrylonitrile	107-13-1	ug/L	9/9/2019	n/a	10	ND	
MW-B	d	Benzene	71-43-2	ug/L	9/9/2019	n/a	0.5	ND	
MW-B	d	Bromochloromethane	74-97-5	ug/L	9/9/2019	n/a	5	ND	
MW-B	d	Bromodichloromethane	75-27-4	ug/L	9/9/2019	n/a	1	ND	
MW-B	d	Bromoform	75-25-2	ug/L	9/9/2019	n/a	5	ND	
MW-B	d	Carbon disulfide	75-15-0	ug/L	9/9/2019	n/a	1	ND	
MW-B	d	Carbon Tetrachloride	56-23-5	ug/L	9/9/2019	n/a	2	ND	
MW-B	d	Chlorobenzene	108-90-7	ug/L	9/9/2019	n/a	1	ND	
MW-B	d	Chloroethane	75-00-3	ug/L	9/9/2019	n/a	4	ND	
MW-B	d	Chloroform	67-66-3	ug/L	9/9/2019	n/a	3	ND	
MW-B	d	Chlorodibromomethane	124-48-1	ug/L	9/9/2019	n/a	5	ND	
MW-B	d	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	9/9/2019	n/a	1.2	ND	
MW-B	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	9/9/2019	n/a	0.34	ND	
MW-B	d	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	9/9/2019	n/a	10	ND	
MW-B	d	1,1-Dichloroethane	75-34-3	ug/L	9/9/2019	n/a	1	ND	
MW-B	d	1,2-Dichloroethane	107-06-2	ug/L	9/9/2019	n/a	1	ND	
MW-B	d	1,1-Dichloroethene	75-35-4	ug/L	9/9/2019	n/a	2	ND	
MW-B	d	cis-1,2-Dichloroethene	156-59-2	ug/L	9/9/2019	n/a	1	ND	
MW-B	d	trans-1,2-Dichloroethene	156-60-5	ug/L	9/9/2019	n/a	1	ND	
MW-B	d	1,2-Dichloropropane	78-87-5	ug/L	9/9/2019	n/a	1	ND	
MW-B	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	9/9/2019	n/a	5	ND	
MW-B	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	9/9/2019	n/a	5	ND	
MW-B	d	1,2-Dichlorobenzene	95-50-1	ug/L	9/9/2019	n/a	1	ND	
MW-B	d	1,4-Dichlorobenzene	106-46-7	ug/L	9/9/2019	n/a	1	ND	
MW-B	d	Ethylbenzene	100-41-4	ug/L	9/9/2019	n/a	1	ND	
MW-B	d	2-Hexanone	591-78-6	ug/L	9/9/2019	n/a	10	ND	
MW-B	d	Bromomethane	74-83-9	ug/L	9/9/2019	n/a	4	ND	
MW-B	d	Chloromethane	74-87-3	ug/L	9/9/2019	n/a	3	ND	
MW-B	d	2-Butanone	78-93-3	ug/L	9/9/2019	n/a	10	ND	
MW-B	d	Iodomethane	74-88-4	ug/L	9/9/2019	n/a	10	ND	
MW-B	d	4-Methyl-2-pentanone	108-10-1	ug/L	9/9/2019	n/a	10	ND	
MW-B	d	Methylene Bromide	74-95-3	ug/L	9/9/2019	n/a	1	ND	
MW-B	d	Methylene Chloride	75-09-2	ug/L	9/9/2019	n/a	5	ND	
MW-B	d	Styrene	100-42-5	ug/L	9/9/2019	n/a	1	ND	
MW-B	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	9/9/2019	n/a	1	ND	
MW-B	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	9/9/2019	n/a	1	ND	
MW-B	d	Tetrachloroethene	127-18-4	ug/L	9/9/2019	n/a	1	ND	
MW-B	d	Toluene	108-88-3	ug/L	9/9/2019	n/a	1	ND	
MW-B	d	1,1,1-Trichloroethane	71-55-6	ug/L	9/9/2019	n/a	1	ND	
MW-B	d	1,1,2-Trichloroethane	79-00-5	ug/L	9/9/2019	n/a	1	ND	

Table 9A
Analytical Data Summary - Phase II MSWLF
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Phase II MSWLF and CWTS
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-B	d	Trichloroethene	79-01-6	ug/L	9/9/2019	n/a	1	ND	
MW-B	d	Trichlorofluoromethane	75-69-4	ug/L	9/9/2019	n/a	4	ND	
MW-B	d	1,2,3-Trichloropropane	96-18-4	ug/L	9/9/2019	n/a	1	ND	
MW-B	d	Vinyl acetate	108-05-4	ug/L	9/9/2019	n/a	10	ND	
MW-B	d	Vinyl chloride	75-01-4	ug/L	9/9/2019	n/a	1	ND	
MW-B	d	Xylenes, total	1330-20-7	ug/L	9/9/2019	n/a	3	ND	
MW-B	d	Total Suspended Solids	TSS	mg/L	9/9/2019	0.638	1.88		8.25
MW-B	d	4-Bromofluorobenzene	460-00-4	ug/L	9/9/2019	n/a	n/a		50.1
MW-B	d	Dibromofluoromethane	1868-53-7	ug/L	9/9/2019	n/a	n/a		48.2
MW-B	d	Toluene-d8	2037-26-5	ug/L	9/9/2019	n/a	n/a		48.4
MW-C	d	Antimony	7440-36-0	mg/L	9/9/2019	n/a	0.001	ND	
MW-C	d	Arsenic	7440-38-2	mg/L	9/9/2019	n/a	0.002	ND	
MW-C	d	Barium	7440-39-3	mg/L	9/9/2019	0.00084	0.002		0.324
MW-C	d	Beryllium	7440-41-7	mg/L	9/9/2019	n/a	0.001	ND	
MW-C	d	Cadmium	7440-43-9	mg/L	9/9/2019	0.000039	0.0001	J	0.000071
MW-C	d	Chromium	7440-47-3	mg/L	9/9/2019	n/a	0.005	ND	
MW-C	d	Cobalt	7440-48-4	mg/L	9/9/2019	0.000091	0.0005	J	0.000489
MW-C	d	Copper	7440-50-8	mg/L	9/9/2019	0.002	0.005	J	0.00232
MW-C	d	Lead	7439-92-1	mg/L	9/9/2019	0.00027	0.0005	J	0.000276
MW-C	d	Nickel	7440-02-0	mg/L	9/9/2019	0.0017	0.005	J	0.00178
MW-C	d	Selenium	7782-49-2	mg/L	9/9/2019	n/a	0.005	ND	
MW-C	d	Silver	7440-22-4	mg/L	9/9/2019	n/a	0.001	ND	
MW-C	d	Thallium	7440-28-0	mg/L	9/9/2019	n/a	0.001	ND	
MW-C	d	Vanadium	7440-62-2	mg/L	9/9/2019	n/a	0.005	ND	
MW-C	d	Zinc	7440-66-6	mg/L	9/9/2019	n/a	0.02	ND	
MW-C	d	Acetone	67-64-1	ug/L	9/9/2019	n/a	10	ND	
MW-C	d	Acrylonitrile	107-13-1	ug/L	9/9/2019	n/a	10	ND	
MW-C	d	Benzene	71-43-2	ug/L	9/9/2019	n/a	0.5	ND	
MW-C	d	Bromochloromethane	74-97-5	ug/L	9/9/2019	n/a	5	ND	
MW-C	d	Bromodichloromethane	75-27-4	ug/L	9/9/2019	n/a	1	ND	
MW-C	d	Bromoform	75-25-2	ug/L	9/9/2019	n/a	5	ND	
MW-C	d	Carbon disulfide	75-15-0	ug/L	9/9/2019	n/a	1	ND	
MW-C	d	Carbon Tetrachloride	56-23-5	ug/L	9/9/2019	n/a	2	ND	
MW-C	d	Chlorobenzene	108-90-7	ug/L	9/9/2019	n/a	1	ND	
MW-C	d	Chloroethane	75-00-3	ug/L	9/9/2019	n/a	4	ND	
MW-C	d	Chloroform	67-66-3	ug/L	9/9/2019	n/a	3	ND	
MW-C	d	Chlorodibromomethane	124-48-1	ug/L	9/9/2019	n/a	5	ND	
MW-C	d	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	9/9/2019	n/a	1.2	ND	
MW-C	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	9/9/2019	n/a	0.34	ND	
MW-C	d	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	9/9/2019	n/a	10	ND	
MW-C	d	1,1-Dichloroethane	75-34-3	ug/L	9/9/2019	n/a	1	ND	
MW-C	d	1,2-Dichloroethane	107-06-2	ug/L	9/9/2019	n/a	1	ND	
MW-C	d	1,1-Dichloroethene	75-35-4	ug/L	9/9/2019	n/a	2	ND	
MW-C	d	cis-1,2-Dichloroethene	156-59-2	ug/L	9/9/2019	n/a	1	ND	
MW-C	d	trans-1,2-Dichloroethene	156-60-5	ug/L	9/9/2019	n/a	1	ND	
MW-C	d	1,2-Dichloropropane	78-87-5	ug/L	9/9/2019	n/a	1	ND	
MW-C	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	9/9/2019	n/a	5	ND	
MW-C	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	9/9/2019	n/a	5	ND	
MW-C	d	1,2-Dichlorobenzene	95-50-1	ug/L	9/9/2019	n/a	1	ND	
MW-C	d	1,4-Dichlorobenzene	106-46-7	ug/L	9/9/2019	n/a	1	ND	
MW-C	d	Ethylbenzene	100-41-4	ug/L	9/9/2019	n/a	1	ND	
MW-C	d	2-Hexanone	591-78-6	ug/L	9/9/2019	n/a	10	ND	
MW-C	d	Bromomethane	74-83-9	ug/L	9/9/2019	n/a	4	ND	
MW-C	d	Chloromethane	74-87-3	ug/L	9/9/2019	n/a	3	ND	
MW-C	d	2-Butanone	78-93-3	ug/L	9/9/2019	n/a	10	ND	
MW-C	d	Iodomethane	74-88-4	ug/L	9/9/2019	n/a	10	ND	
MW-C	d	4-Methyl-2-pentanone	108-10-1	ug/L	9/9/2019	n/a	10	ND	
MW-C	d	Methylene Bromide	74-95-3	ug/L	9/9/2019	n/a	1	ND	
MW-C	d	Methylene Chloride	75-09-2	ug/L	9/9/2019	n/a	5	ND	
MW-C	d	Styrene	100-42-5	ug/L	9/9/2019	n/a	1	ND	
MW-C	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	9/9/2019	n/a	1	ND	
MW-C	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	9/9/2019	n/a	1	ND	
MW-C	d	Tetrachloroethene	127-18-4	ug/L	9/9/2019	n/a	1	ND	
MW-C	d	Toluene	108-88-3	ug/L	9/9/2019	n/a	1	ND	
MW-C	d	1,1,1-Trichloroethane	71-55-6	ug/L	9/9/2019	n/a	1	ND	
MW-C	d	1,1,2-Trichloroethane	79-00-5	ug/L	9/9/2019	n/a	1	ND	
MW-C	d	Trichloroethene	79-01-6	ug/L	9/9/2019	n/a	1	ND	
MW-C	d	Trichlorofluoromethane	75-69-4	ug/L	9/9/2019	n/a	4	ND	
MW-C	d	1,2,3-Trichloropropane	96-18-4	ug/L	9/9/2019	n/a	1	ND	
MW-C	d	Vinyl acetate	108-05-4	ug/L	9/9/2019	n/a	10	ND	
MW-C	d	Vinyl chloride	75-01-4	ug/L	9/9/2019	n/a	1	ND	
MW-C	d	Xylenes, total	1330-20-7	ug/L	9/9/2019	n/a	3	ND	
MW-C	d	Total Suspended Solids	TSS	mg/L	9/9/2019	0.638	1.88		6.25
MW-C	d	4-Bromofluorobenzene	460-00-4	ug/L	9/9/2019	n/a	n/a		49
MW-C	d	Dibromofluoromethane	1868-53-7	ug/L	9/9/2019	n/a	n/a		51.3

Table 9A
Analytical Data Summary - Phase II MSWLF
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Phase II MSWLF and CWTS
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-C	d	Toluene-d8	2037-26-5	ug/L	9/9/2019	n/a	n/a		49.6
GU-4	d	Antimony	7440-36-0	mg/L	3/10/2020	n/a	0.001	ND	
GU-4	d	Arsenic	7440-38-2	mg/L	3/10/2020	n/a	0.002	ND	
GU-4	d	Barium	7440-39-3	mg/L	3/10/2020	0.0009	0.002		0.0385
GU-4	d	Beryllium	7440-41-7	mg/L	3/10/2020	n/a	0.001	ND	
GU-4	d	Cadmium	7440-43-9	mg/L	3/10/2020	0.000039	0.0001		0.000212
GU-4	d	Chromium	7440-47-3	mg/L	3/10/2020	n/a	0.005	ND	
GU-4	d	Cobalt	7440-48-4	mg/L	3/10/2020	0.000091	0.0005	J	0.000134
GU-4	d	Copper	7440-50-8	mg/L	3/10/2020	n/a	0.005	ND	
GU-4	d	Lead	7439-92-1	mg/L	3/10/2020	n/a	0.0005	ND	
GU-4	d	Nickel	7440-02-0	mg/L	3/10/2020	0.0019	0.005		0.00899
GU-4	d	Selenium	7782-49-2	mg/L	3/10/2020	0.001	0.005	J	0.00104
GU-4	d	Silver	7440-22-4	mg/L	3/10/2020	n/a	0.001	ND	
GU-4	d	Thallium	7440-28-0	mg/L	3/10/2020	n/a	0.001	ND	
GU-4	d	Vanadium	7440-62-2	mg/L	3/10/2020	0.00082	0.005	J	0.00231
GU-4	d	Zinc	7440-66-6	mg/L	3/10/2020	0.01	0.02	J	0.0101
GU-4	d	Acetone	67-64-1	ug/L	3/10/2020	n/a	10	ND	
GU-4	d	Acrylonitrile	107-13-1	ug/L	3/10/2020	n/a	10	ND	
GU-4	d	Benzene	71-43-2	ug/L	3/10/2020	n/a	0.5	ND	
GU-4	d	Bromochloromethane	74-97-5	ug/L	3/10/2020	n/a	5	ND	
GU-4	d	Bromodichloromethane	75-27-4	ug/L	3/10/2020	n/a	1	ND	
GU-4	d	Bromoform	75-25-2	ug/L	3/10/2020	n/a	5	ND	
GU-4	d	Carbon disulfide	75-15-0	ug/L	3/10/2020	n/a	1	ND	
GU-4	d	Carbon Tetrachloride	56-23-5	ug/L	3/10/2020	n/a	2	ND	
GU-4	d	Chlorobenzene	108-90-7	ug/L	3/10/2020	n/a	1	ND	
GU-4	d	Chloroethane	75-00-3	ug/L	3/10/2020	n/a	4	ND	
GU-4	d	Chloroform	67-66-3	ug/L	3/10/2020	n/a	3	ND	
GU-4	d	Chlorodibromomethane	124-48-1	ug/L	3/10/2020	n/a	5	ND	
GU-4	d	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	3/10/2020	n/a	1.2	ND	
GU-4	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	3/10/2020	n/a	0.34	ND	
GU-4	d	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	3/10/2020	n/a	10	ND	
GU-4	d	1,1-Dichloroethane	75-34-3	ug/L	3/10/2020	n/a	1	ND	
GU-4	d	1,2-Dichloroethane	107-06-2	ug/L	3/10/2020	n/a	1	ND	
GU-4	d	1,1-Dichloroethene	75-35-4	ug/L	3/10/2020	n/a	2	ND	
GU-4	d	cis-1,2-Dichloroethene	156-59-2	ug/L	3/10/2020	n/a	1	ND	
GU-4	d	trans-1,2-Dichloroethene	156-60-5	ug/L	3/10/2020	n/a	1	ND	
GU-4	d	1,2-Dichloropropane	78-87-5	ug/L	3/10/2020	n/a	1	ND	
GU-4	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	3/10/2020	n/a	5	ND	
GU-4	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	3/10/2020	n/a	5	ND	
GU-4	d	1,2-Dichlorobenzene	95-50-1	ug/L	3/10/2020	n/a	1	ND	
GU-4	d	1,4-Dichlorobenzene	106-46-7	ug/L	3/10/2020	n/a	1	ND	
GU-4	d	Ethylbenzene	100-41-4	ug/L	3/10/2020	n/a	1	ND	
GU-4	d	2-Hexanone	591-78-6	ug/L	3/10/2020	n/a	10	ND	
GU-4	d	Bromomethane	74-83-9	ug/L	3/10/2020	n/a	4	ND	
GU-4	d	Chloromethane	74-87-3	ug/L	3/10/2020	n/a	3	ND	
GU-4	d	2-Butanone	78-93-3	ug/L	3/10/2020	n/a	10	ND	
GU-4	d	Iodomethane	74-88-4	ug/L	3/10/2020	n/a	10	ND	
GU-4	d	4-Methyl-2-pentanone	108-10-1	ug/L	3/10/2020	n/a	10	ND	
GU-4	d	Methylene Bromide	74-95-3	ug/L	3/10/2020	n/a	1	ND	
GU-4	d	Methylene Chloride	75-09-2	ug/L	3/10/2020	n/a	5	ND	
GU-4	d	Styrene	100-42-5	ug/L	3/10/2020	n/a	1	ND	
GU-4	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	3/10/2020	n/a	1	ND	
GU-4	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	3/10/2020	n/a	1	ND	
GU-4	d	Tetrachloroethene	127-18-4	ug/L	3/10/2020	n/a	1	ND	
GU-4	d	Toluene	108-88-3	ug/L	3/10/2020	n/a	1	ND	
GU-4	d	1,1,1-Trichloroethane	71-55-6	ug/L	3/10/2020	n/a	1	ND	
GU-4	d	1,1,2-Trichloroethane	79-00-5	ug/L	3/10/2020	n/a	1	ND	
GU-4	d	Trichloroethene	79-01-6	ug/L	3/10/2020	n/a	1	ND	
GU-4	d	Trichlorofluoromethane	75-69-4	ug/L	3/10/2020	n/a	4	ND	
GU-4	d	1,2,3-Trichloropropane	96-18-4	ug/L	3/10/2020	n/a	1	ND	
GU-4	d	Vinyl acetate	108-05-4	ug/L	3/10/2020	n/a	10	ND	
GU-4	d	Vinyl chloride	75-01-4	ug/L	3/10/2020	n/a	1	ND	
GU-4	d	Xylenes, total	1330-20-7	ug/L	3/10/2020	n/a	3	ND	
GU-4	d	Total Suspended Solids	TSS	mg/L	3/10/2020	0.638	1.88		5
GU-5	d	Antimony	7440-36-0	mg/L	3/10/2020	n/a	0.001	ND	
GU-5	d	Arsenic	7440-38-2	mg/L	3/10/2020	0.00088	0.002		0.00392
GU-5	d	Barium	7440-39-3	mg/L	3/10/2020	0.0009	0.002		0.112
GU-5	d	Beryllium	7440-41-7	mg/L	3/10/2020	n/a	0.001	ND	
GU-5	d	Cadmium	7440-43-9	mg/L	3/10/2020	n/a	0.0001	ND	
GU-5	d	Chromium	7440-47-3	mg/L	3/10/2020	n/a	0.005	ND	
GU-5	d	Cobalt	7440-48-4	mg/L	3/10/2020	0.000091	0.0005		0.0056
GU-5	d	Copper	7440-50-8	mg/L	3/10/2020	n/a	0.005	ND	
GU-5	d	Lead	7439-92-1	mg/L	3/10/2020	n/a	0.0005	ND	
GU-5	d	Nickel	7440-02-0	mg/L	3/10/2020	0.0019	0.005		0.00955
GU-5	d	Selenium	7782-49-2	mg/L	3/10/2020	n/a	0.005	ND	

Table 9A
Analytical Data Summary - Phase II MSWLF
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Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
GU-5	d	Silver	7440-22-4	mg/L	3/10/2020	n/a	0.001	ND	
GU-5	d	Thallium	7440-28-0	mg/L	3/10/2020	n/a	0.001	ND	
GU-5	d	Vanadium	7440-62-2	mg/L	3/10/2020	n/a	0.005	ND	
GU-5	d	Zinc	7440-66-6	mg/L	3/10/2020	n/a	0.02	ND	
GU-5	d	Acetone	67-64-1	ug/L	3/10/2020	n/a	10	ND	
GU-5	d	Acrylonitrile	107-13-1	ug/L	3/10/2020	n/a	10	ND	
GU-5	d	Benzene	71-43-2	ug/L	3/10/2020	n/a	0.5	ND	
GU-5	d	Bromochloromethane	74-97-5	ug/L	3/10/2020	n/a	5	ND	
GU-5	d	Bromodichloromethane	75-27-4	ug/L	3/10/2020	n/a	1	ND	
GU-5	d	Bromoform	75-25-2	ug/L	3/10/2020	n/a	5	ND	
GU-5	d	Carbon disulfide	75-15-0	ug/L	3/10/2020	n/a	1	ND	
GU-5	d	Carbon Tetrachloride	56-23-5	ug/L	3/10/2020	n/a	2	ND	
GU-5	d	Chlorobenzene	108-90-7	ug/L	3/10/2020	n/a	1	ND	
GU-5	d	Chloroethane	75-00-3	ug/L	3/10/2020	n/a	4	ND	
GU-5	d	Chloroform	67-66-3	ug/L	3/10/2020	n/a	3	ND	
GU-5	d	Chlorodibromomethane	124-48-1	ug/L	3/10/2020	n/a	5	ND	
GU-5	d	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	3/10/2020	n/a	1.2	ND	
GU-5	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	3/10/2020	n/a	0.34	ND	
GU-5	d	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	3/10/2020	n/a	10	ND	
GU-5	d	1,1-Dichloroethane	75-34-3	ug/L	3/10/2020	n/a	1	ND	
GU-5	d	1,2-Dichloroethane	107-06-2	ug/L	3/10/2020	n/a	1	ND	
GU-5	d	1,1-Dichloroethene	75-35-4	ug/L	3/10/2020	n/a	2	ND	
GU-5	d	cis-1,2-Dichloroethene	156-59-2	ug/L	3/10/2020	n/a	1	ND	
GU-5	d	trans-1,2-Dichloroethene	156-60-5	ug/L	3/10/2020	n/a	1	ND	
GU-5	d	1,2-Dichloropropane	78-87-5	ug/L	3/10/2020	n/a	1	ND	
GU-5	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	3/10/2020	n/a	5	ND	
GU-5	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	3/10/2020	n/a	5	ND	
GU-5	d	1,2-Dichlorobenzene	95-50-1	ug/L	3/10/2020	n/a	1	ND	
GU-5	d	1,4-Dichlorobenzene	106-46-7	ug/L	3/10/2020	n/a	1	ND	
GU-5	d	Ethylbenzene	100-41-4	ug/L	3/10/2020	n/a	1	ND	
GU-5	d	2-Hexanone	591-78-6	ug/L	3/10/2020	n/a	10	ND	
GU-5	d	Bromomethane	74-83-9	ug/L	3/10/2020	n/a	4	ND	
GU-5	d	Chloromethane	74-87-3	ug/L	3/10/2020	n/a	3	ND	
GU-5	d	2-Butanone	78-93-3	ug/L	3/10/2020	n/a	10	ND	
GU-5	d	Iodomethane	74-88-4	ug/L	3/10/2020	n/a	10	ND	
GU-5	d	4-Methyl-2-pentanone	108-10-1	ug/L	3/10/2020	n/a	10	ND	
GU-5	d	Methylene Bromide	74-95-3	ug/L	3/10/2020	n/a	1	ND	
GU-5	d	Methylene Chloride	75-09-2	ug/L	3/10/2020	n/a	5	ND	
GU-5	d	Styrene	100-42-5	ug/L	3/10/2020	n/a	1	ND	
GU-5	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	3/10/2020	n/a	1	ND	
GU-5	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	3/10/2020	n/a	1	ND	
GU-5	d	Tetrachloroethene	127-18-4	ug/L	3/10/2020	n/a	1	ND	
GU-5	d	Toluene	108-88-3	ug/L	3/10/2020	n/a	1	ND	
GU-5	d	1,1,1-Trichloroethane	71-55-6	ug/L	3/10/2020	n/a	1	ND	
GU-5	d	1,1,2-Trichloroethane	79-00-5	ug/L	3/10/2020	n/a	1	ND	
GU-5	d	Trichloroethene	79-01-6	ug/L	3/10/2020	n/a	1	ND	
GU-5	d	Trichlorofluoromethane	75-69-4	ug/L	3/10/2020	n/a	4	ND	
GU-5	d	1,2,3-Trichloropropane	96-18-4	ug/L	3/10/2020	n/a	1	ND	
GU-5	d	Vinyl acetate	108-05-4	ug/L	3/10/2020	n/a	10	ND	
GU-5	d	Vinyl chloride	75-01-4	ug/L	3/10/2020	n/a	1	ND	
GU-5	d	Xylenes, total	1330-20-7	ug/L	3/10/2020	n/a	3	ND	
GU-5	d	Total Suspended Solids	TSS	mg/L	3/10/2020	0.638	1.88		19.6
MW-67	d	Antimony	7440-36-0	mg/L	3/10/2020	n/a	0.001	ND	
MW-67	d	Arsenic	7440-38-2	mg/L	3/10/2020	n/a	0.002	ND	
MW-67	d	Barium	7440-39-3	mg/L	3/10/2020	0.0009	0.002		0.0306
MW-67	d	Beryllium	7440-41-7	mg/L	3/10/2020	n/a	0.001	ND	
MW-67	d	Cadmium	7440-43-9	mg/L	3/10/2020	n/a	0.0001	ND	
MW-67	d	Chromium	7440-47-3	mg/L	3/10/2020	n/a	0.005	ND	
MW-67	d	Cobalt	7440-48-4	mg/L	3/10/2020	n/a	0.0005	ND	
MW-67	d	Copper	7440-50-8	mg/L	3/10/2020	n/a	0.005	ND	
MW-67	d	Lead	7439-92-1	mg/L	3/10/2020	n/a	0.0005	ND	
MW-67	d	Nickel	7440-02-0	mg/L	3/10/2020	n/a	0.005	ND	
MW-67	d	Selenium	7782-49-2	mg/L	3/10/2020	n/a	0.005	ND	
MW-67	d	Silver	7440-22-4	mg/L	3/10/2020	n/a	0.001	ND	
MW-67	d	Thallium	7440-28-0	mg/L	3/10/2020	n/a	0.001	ND	
MW-67	d	Vanadium	7440-62-2	mg/L	3/10/2020	n/a	0.005	ND	
MW-67	d	Zinc	7440-66-6	mg/L	3/10/2020	n/a	0.02	ND	
MW-67	d	Acetone	67-64-1	ug/L	3/10/2020	n/a	10	ND	
MW-67	d	Acrylonitrile	107-13-1	ug/L	3/10/2020	n/a	10	ND	
MW-67	d	Benzene	71-43-2	ug/L	3/10/2020	n/a	0.5	ND	
MW-67	d	Bromochloromethane	74-97-5	ug/L	3/10/2020	n/a	5	ND	
MW-67	d	Bromodichloromethane	75-27-4	ug/L	3/10/2020	n/a	1	ND	
MW-67	d	Bromoform	75-25-2	ug/L	3/10/2020	n/a	5	ND	
MW-67	d	Carbon disulfide	75-15-0	ug/L	3/10/2020	n/a	1	ND	
MW-67	d	Carbon Tetrachloride	56-23-5	ug/L	3/10/2020	n/a	2	ND	

Table 9A
Analytical Data Summary - Phase II MSWLF
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Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-67	d	Chlorobenzene	108-90-7	ug/L	3/10/2020	n/a	1	ND	
MW-67	d	Chloroethane	75-00-3	ug/L	3/10/2020	n/a	4	ND	
MW-67	d	Chloroform	67-66-3	ug/L	3/10/2020	n/a	3	ND	
MW-67	d	Chlorodibromomethane	124-48-1	ug/L	3/10/2020	n/a	5	ND	
MW-67	d	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	3/10/2020	n/a	1.2	ND	
MW-67	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	3/10/2020	n/a	0.34	ND	
MW-67	d	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	3/10/2020	n/a	10	ND	
MW-67	d	1,1-Dichloroethane	75-34-3	ug/L	3/10/2020	n/a	1	ND	
MW-67	d	1,2-Dichloroethane	107-06-2	ug/L	3/10/2020	n/a	1	ND	
MW-67	d	1,1-Dichloroethene	75-35-4	ug/L	3/10/2020	n/a	2	ND	
MW-67	d	cis-1,2-Dichloroethene	156-59-2	ug/L	3/10/2020	n/a	1	ND	
MW-67	d	trans-1,2-Dichloroethene	156-60-5	ug/L	3/10/2020	n/a	1	ND	
MW-67	d	1,2-Dichloropropane	78-87-5	ug/L	3/10/2020	n/a	1	ND	
MW-67	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	3/10/2020	n/a	5	ND	
MW-67	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	3/10/2020	n/a	5	ND	
MW-67	d	1,2-Dichlorobenzene	95-50-1	ug/L	3/10/2020	n/a	1	ND	
MW-67	d	1,4-Dichlorobenzene	106-46-7	ug/L	3/10/2020	n/a	1	ND	
MW-67	d	Ethylbenzene	100-41-4	ug/L	3/10/2020	n/a	1	ND	
MW-67	d	2-Hexanone	591-78-6	ug/L	3/10/2020	n/a	10	ND	
MW-67	d	Bromomethane	74-83-9	ug/L	3/10/2020	n/a	4	ND	
MW-67	d	Chloromethane	74-87-3	ug/L	3/10/2020	n/a	3	ND	
MW-67	d	2-Butanone	78-93-3	ug/L	3/10/2020	n/a	10	ND	
MW-67	d	Iodomethane	74-88-4	ug/L	3/10/2020	n/a	10	ND	
MW-67	d	4-Methyl-2-pentanone	108-10-1	ug/L	3/10/2020	n/a	10	ND	
MW-67	d	Methylene Bromide	74-95-3	ug/L	3/10/2020	n/a	1	ND	
MW-67	d	Methylene Chloride	75-09-2	ug/L	3/10/2020	n/a	5	ND	
MW-67	d	Styrene	100-42-5	ug/L	3/10/2020	n/a	1	ND	
MW-67	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	3/10/2020	n/a	1	ND	
MW-67	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	3/10/2020	n/a	1	ND	
MW-67	d	Tetrachloroethene	127-18-4	ug/L	3/10/2020	n/a	1	ND	
MW-67	d	Toluene	108-88-3	ug/L	3/10/2020	n/a	1	ND	
MW-67	d	1,1,1-Trichloroethane	71-55-6	ug/L	3/10/2020	n/a	1	ND	
MW-67	d	1,1,2-Trichloroethane	79-00-5	ug/L	3/10/2020	n/a	1	ND	
MW-67	d	Trichloroethene	79-01-6	ug/L	3/10/2020	n/a	1	ND	
MW-67	d	Trichlorofluoromethane	75-69-4	ug/L	3/10/2020	n/a	4	ND	
MW-67	d	1,2,3-Trichloropropane	96-18-4	ug/L	3/10/2020	n/a	1	ND	
MW-67	d	Vinyl acetate	108-05-4	ug/L	3/10/2020	n/a	10	ND	
MW-67	d	Vinyl chloride	75-01-4	ug/L	3/10/2020	n/a	1	ND	
MW-67	d	Xylenes, total	1330-20-7	ug/L	3/10/2020	n/a	3	ND	
MW-67	d	Total Suspended Solids	TSS	mg/L	3/10/2020	0.638	1.88		4.13
MW-26	u	Antimony	7440-36-0	mg/L	3/13/2020	n/a	0.001	ND	
MW-26	u	Arsenic	7440-38-2	mg/L	3/13/2020	n/a	0.002	ND	
MW-26	u	Barium	7440-39-3	mg/L	3/13/2020	0.0009	0.002		0.0597
MW-26	u	Beryllium	7440-41-7	mg/L	3/13/2020	n/a	0.001	ND	
MW-26	u	Cadmium	7440-43-9	mg/L	3/13/2020	n/a	0.0001	ND	
MW-26	u	Chromium	7440-47-3	mg/L	3/13/2020	0.0011	0.005		0.011
MW-26	u	Cobalt	7440-48-4	mg/L	3/13/2020	n/a	0.0005	ND	
MW-26	u	Copper	7440-50-8	mg/L	3/13/2020	n/a	0.005	ND	
MW-26	u	Lead	7439-92-1	mg/L	3/13/2020	n/a	0.0005	ND	
MW-26	u	Nickel	7440-02-0	mg/L	3/13/2020	n/a	0.005	ND	
MW-26	u	Selenium	7782-49-2	mg/L	3/13/2020	0.001	0.005		0.0491
MW-26	u	Silver	7440-22-4	mg/L	3/13/2020	n/a	0.001	ND	
MW-26	u	Thallium	7440-28-0	mg/L	3/13/2020	n/a	0.001	ND	
MW-26	u	Vanadium	7440-62-2	mg/L	3/13/2020	0.00082	0.005	J	0.00116
MW-26	u	Zinc	7440-66-6	mg/L	3/13/2020	n/a	0.02	ND	
MW-26	u	Acetone	67-64-1	ug/L	3/13/2020	n/a	10	ND	
MW-26	u	Acrylonitrile	107-13-1	ug/L	3/13/2020	n/a	10	ND	
MW-26	u	Benzene	71-43-2	ug/L	3/13/2020	n/a	0.5	ND	
MW-26	u	Bromochloromethane	74-97-5	ug/L	3/13/2020	n/a	5	ND	
MW-26	u	Bromodichloromethane	75-27-4	ug/L	3/13/2020	n/a	1	ND	
MW-26	u	Bromoform	75-25-2	ug/L	3/13/2020	n/a	5	ND	
MW-26	u	Carbon disulfide	75-15-0	ug/L	3/13/2020	n/a	1	ND	
MW-26	u	Carbon Tetrachloride	56-23-5	ug/L	3/13/2020	n/a	2	ND	
MW-26	u	Chlorobenzene	108-90-7	ug/L	3/13/2020	n/a	1	ND	
MW-26	u	Chloroethane	75-00-3	ug/L	3/13/2020	n/a	4	ND	
MW-26	u	Chloroform	67-66-3	ug/L	3/13/2020	n/a	3	ND	
MW-26	u	Chlorodibromomethane	124-48-1	ug/L	3/13/2020	n/a	5	ND	
MW-26	u	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	3/13/2020	n/a	1.2	ND	
MW-26	u	1,2-Dibromoethane [EDB]	106-93-4	ug/L	3/13/2020	n/a	0.34	ND	
MW-26	u	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	3/13/2020	n/a	10	ND	
MW-26	u	1,1-Dichloroethane	75-34-3	ug/L	3/13/2020	n/a	1	ND	
MW-26	u	1,2-Dichloroethane	107-06-2	ug/L	3/13/2020	n/a	1	ND	
MW-26	u	1,1-Dichloroethene	75-35-4	ug/L	3/13/2020	n/a	2	ND	
MW-26	u	cis-1,2-Dichloroethene	156-59-2	ug/L	3/13/2020	n/a	1	ND	
MW-26	u	trans-1,2-Dichloroethene	156-60-5	ug/L	3/13/2020	n/a	1	ND	

Table 9A
Analytical Data Summary - Phase II MSWLF
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Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-26	u	1,2-Dichloropropane	78-87-5	ug/L	3/13/2020	n/a	1	ND	
MW-26	u	cis-1,3-Dichloropropene	10061-01-5	ug/L	3/13/2020	n/a	5	ND	
MW-26	u	trans-1,3-Dichloropropene	10061-02-6	ug/L	3/13/2020	n/a	5	ND	
MW-26	u	1,2-Dichlorobenzene	95-50-1	ug/L	3/13/2020	n/a	1	ND	
MW-26	u	1,4-Dichlorobenzene	106-46-7	ug/L	3/13/2020	n/a	1	ND	
MW-26	u	Ethylbenzene	100-41-4	ug/L	3/13/2020	n/a	1	ND	
MW-26	u	2-Hexanone	591-78-6	ug/L	3/13/2020	n/a	10	ND	
MW-26	u	Bromomethane	74-83-9	ug/L	3/13/2020	n/a	4	ND	
MW-26	u	Chloromethane	74-87-3	ug/L	3/13/2020	n/a	3	ND	
MW-26	u	2-Butanone	78-93-3	ug/L	3/13/2020	n/a	10	ND	
MW-26	u	Iodomethane	74-88-4	ug/L	3/13/2020	n/a	10	ND	
MW-26	u	4-Methyl-2-pentanone	108-10-1	ug/L	3/13/2020	n/a	10	ND	
MW-26	u	Methylene Bromide	74-95-3	ug/L	3/13/2020	n/a	1	ND	
MW-26	u	Methylene Chloride	75-09-2	ug/L	3/13/2020	n/a	5	ND	
MW-26	u	Styrene	100-42-5	ug/L	3/13/2020	n/a	1	ND	
MW-26	u	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	3/13/2020	n/a	1	ND	
MW-26	u	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	3/13/2020	n/a	1	ND	
MW-26	u	Tetrachloroethene	127-18-4	ug/L	3/13/2020	n/a	1	ND	
MW-26	u	Toluene	108-88-3	ug/L	3/13/2020	n/a	1	ND	
MW-26	u	1,1,1-Trichloroethane	71-55-6	ug/L	3/13/2020	n/a	1	ND	
MW-26	u	1,1,2-Trichloroethane	79-00-5	ug/L	3/13/2020	n/a	1	ND	
MW-26	u	Trichloroethene	79-01-6	ug/L	3/13/2020	n/a	1	ND	
MW-26	u	Trichlorofluoromethane	75-69-4	ug/L	3/13/2020	n/a	4	ND	
MW-26	u	1,2,3-Trichloropropane	96-18-4	ug/L	3/13/2020	n/a	1	ND	
MW-26	u	Vinyl acetate	108-05-4	ug/L	3/13/2020	n/a	10	ND	
MW-26	u	Vinyl chloride	75-01-4	ug/L	3/13/2020	n/a	1	ND	
MW-26	u	Xylenes, total	1330-20-7	ug/L	3/13/2020	n/a	3	ND	
MW-26	u	Total Suspended Solids	TSS	mg/L	3/13/2020	n/a	1.88	ND	
MW-B	d	Antimony	7440-36-0	mg/L	3/13/2020	n/a	0.001	ND	
MW-B	d	Arsenic	7440-38-2	mg/L	3/13/2020	n/a	0.002	ND	
MW-B	d	Barium	7440-39-3	mg/L	3/13/2020	0.0009	0.002		0.0474
MW-B	d	Beryllium	7440-41-7	mg/L	3/13/2020	n/a	0.001	ND	
MW-B	d	Cadmium	7440-43-9	mg/L	3/13/2020	n/a	0.0001	ND	
MW-B	d	Chromium	7440-47-3	mg/L	3/13/2020	n/a	0.005	ND	
MW-B	d	Cobalt	7440-48-4	mg/L	3/13/2020	0.000091	0.0005	J	0.000259
MW-B	d	Copper	7440-50-8	mg/L	3/13/2020	n/a	0.005	ND	
MW-B	d	Lead	7439-92-1	mg/L	3/13/2020	0.00027	0.0005	J	0.000294
MW-B	d	Nickel	7440-02-0	mg/L	3/13/2020	n/a	0.005	ND	
MW-B	d	Selenium	7782-49-2	mg/L	3/13/2020	n/a	0.005	ND	
MW-B	d	Silver	7440-22-4	mg/L	3/13/2020	n/a	0.001	ND	
MW-B	d	Thallium	7440-28-0	mg/L	3/13/2020	n/a	0.001	ND	
MW-B	d	Vanadium	7440-62-2	mg/L	3/13/2020	0.00082	0.005	J	0.00086
MW-B	d	Zinc	7440-66-6	mg/L	3/13/2020	n/a	0.02	ND	
MW-B	d	Acetone	67-64-1	ug/L	3/13/2020	n/a	10	ND	
MW-B	d	Acrylonitrile	107-13-1	ug/L	3/13/2020	n/a	10	ND	
MW-B	d	Benzene	71-43-2	ug/L	3/13/2020	n/a	0.5	ND	
MW-B	d	Bromochloromethane	74-97-5	ug/L	3/13/2020	n/a	5	ND	
MW-B	d	Bromodichloromethane	75-27-4	ug/L	3/13/2020	n/a	1	ND	
MW-B	d	Bromoform	75-25-2	ug/L	3/13/2020	n/a	5	ND	
MW-B	d	Carbon disulfide	75-15-0	ug/L	3/13/2020	n/a	1	ND	
MW-B	d	Carbon Tetrachloride	56-23-5	ug/L	3/13/2020	n/a	2	ND	
MW-B	d	Chlorobenzene	108-90-7	ug/L	3/13/2020	n/a	1	ND	
MW-B	d	Chloroethane	75-00-3	ug/L	3/13/2020	n/a	4	ND	
MW-B	d	Chloroform	67-66-3	ug/L	3/13/2020	n/a	3	ND	
MW-B	d	Chlorodibromomethane	124-48-1	ug/L	3/13/2020	n/a	5	ND	
MW-B	d	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	3/13/2020	n/a	1.2	ND	
MW-B	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	3/13/2020	n/a	0.34	ND	
MW-B	d	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	3/13/2020	n/a	10	ND	
MW-B	d	1,1-Dichloroethane	75-34-3	ug/L	3/13/2020	n/a	1	ND	
MW-B	d	1,2-Dichloroethane	107-06-2	ug/L	3/13/2020	n/a	1	ND	
MW-B	d	1,1-Dichloroethene	75-35-4	ug/L	3/13/2020	n/a	2	ND	
MW-B	d	cis-1,2-Dichloroethene	156-59-2	ug/L	3/13/2020	n/a	1	ND	
MW-B	d	trans-1,2-Dichloroethene	156-60-5	ug/L	3/13/2020	n/a	1	ND	
MW-B	d	1,2-Dichloropropane	78-87-5	ug/L	3/13/2020	n/a	1	ND	
MW-B	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	3/13/2020	n/a	5	ND	
MW-B	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	3/13/2020	n/a	5	ND	
MW-B	d	1,2-Dichlorobenzene	95-50-1	ug/L	3/13/2020	n/a	1	ND	
MW-B	d	1,4-Dichlorobenzene	106-46-7	ug/L	3/13/2020	n/a	1	ND	
MW-B	d	Ethylbenzene	100-41-4	ug/L	3/13/2020	n/a	1	ND	
MW-B	d	2-Hexanone	591-78-6	ug/L	3/13/2020	n/a	10	ND	
MW-B	d	Bromomethane	74-83-9	ug/L	3/13/2020	n/a	4	ND	
MW-B	d	Chloromethane	74-87-3	ug/L	3/13/2020	n/a	3	ND	
MW-B	d	2-Butanone	78-93-3	ug/L	3/13/2020	n/a	10	ND	
MW-B	d	Iodomethane	74-88-4	ug/L	3/13/2020	n/a	10	ND	
MW-B	d	4-Methyl-2-pentanone	108-10-1	ug/L	3/13/2020	n/a	10	ND	

Table 9A
Analytical Data Summary - Phase II MSWLF
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Phase II MSWLF and CWTS
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Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-B	d	Methylene Bromide	74-95-3	ug/L	3/13/2020	n/a	1	ND	
MW-B	d	Methylene Chloride	75-09-2	ug/L	3/13/2020	n/a	5	ND	
MW-B	d	Styrene	100-42-5	ug/L	3/13/2020	n/a	1	ND	
MW-B	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	3/13/2020	n/a	1	ND	
MW-B	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	3/13/2020	n/a	1	ND	
MW-B	d	Tetrachloroethene	127-18-4	ug/L	3/13/2020	n/a	1	ND	
MW-B	d	Toluene	108-88-3	ug/L	3/13/2020	n/a	1	ND	
MW-B	d	1,1,1-Trichloroethane	71-55-6	ug/L	3/13/2020	n/a	1	ND	
MW-B	d	1,1,2-Trichloroethane	79-00-5	ug/L	3/13/2020	n/a	1	ND	
MW-B	d	Trichloroethene	79-01-6	ug/L	3/13/2020	n/a	1	ND	
MW-B	d	Trichlorofluoromethane	75-69-4	ug/L	3/13/2020	n/a	4	ND	
MW-B	d	1,2,3-Trichloropropane	96-18-4	ug/L	3/13/2020	n/a	1	ND	
MW-B	d	Vinyl acetate	108-05-4	ug/L	3/13/2020	n/a	10	ND	
MW-B	d	Vinyl chloride	75-01-4	ug/L	3/13/2020	n/a	1	ND	
MW-B	d	Xylenes, total	1330-20-7	ug/L	3/13/2020	n/a	3	ND	
MW-B	d	Total Suspended Solids	TSS	mg/L	3/13/2020	1.7	5		30.3
MW-C	d	Antimony	7440-36-0	mg/L	3/13/2020	n/a	0.001	ND	
MW-C	d	Arsenic	7440-38-2	mg/L	3/13/2020	n/a	0.002	ND	
MW-C	d	Barium	7440-39-3	mg/L	3/13/2020	0.0009	0.002		0.169
MW-C	d	Beryllium	7440-41-7	mg/L	3/13/2020	n/a	0.001	ND	
MW-C	d	Cadmium	7440-43-9	mg/L	3/13/2020	n/a	0.0001	ND	
MW-C	d	Chromium	7440-47-3	mg/L	3/13/2020	n/a	0.005	ND	
MW-C	d	Cobalt	7440-48-4	mg/L	3/13/2020	0.000091	0.0005	J	0.000125
MW-C	d	Copper	7440-50-8	mg/L	3/13/2020	n/a	0.005	ND	
MW-C	d	Lead	7439-92-1	mg/L	3/13/2020	n/a	0.0005	ND	
MW-C	d	Nickel	7440-02-0	mg/L	3/13/2020	n/a	0.005	ND	
MW-C	d	Selenium	7782-49-2	mg/L	3/13/2020	n/a	0.005	ND	
MW-C	d	Silver	7440-22-4	mg/L	3/13/2020	n/a	0.001	ND	
MW-C	d	Thallium	7440-28-0	mg/L	3/13/2020	n/a	0.001	ND	
MW-C	d	Vanadium	7440-62-2	mg/L	3/13/2020	n/a	0.005	ND	
MW-C	d	Zinc	7440-66-6	mg/L	3/13/2020	n/a	0.02	ND	
MW-C	d	Mercury	7439-97-6	mg/L	3/13/2020	n/a	0.0002	ND	
MW-C	d	Tin	7440-31-5	mg/L	3/13/2020	n/a	0.005	ND	
MW-C	d	Acetone	67-64-1	ug/L	3/13/2020	n/a	10	ND	
MW-C	d	Acrylonitrile	107-13-1	ug/L	3/13/2020	n/a	10	ND	
MW-C	d	Benzene	71-43-2	ug/L	3/13/2020	n/a	0.5	ND	
MW-C	d	Bromochloromethane	74-97-5	ug/L	3/13/2020	n/a	5	ND	
MW-C	d	Bromodichloromethane	75-27-4	ug/L	3/13/2020	n/a	1	ND	
MW-C	d	Bromoform	75-25-2	ug/L	3/13/2020	n/a	5	ND	
MW-C	d	Carbon disulfide	75-15-0	ug/L	3/13/2020	n/a	1	ND	
MW-C	d	Carbon Tetrachloride	56-23-5	ug/L	3/13/2020	n/a	2	ND	
MW-C	d	Chlorobenzene	108-90-7	ug/L	3/13/2020	n/a	1	ND	
MW-C	d	Chloroethane	75-00-3	ug/L	3/13/2020	n/a	4	ND	
MW-C	d	Chloroform	67-66-3	ug/L	3/13/2020	n/a	3	ND	
MW-C	d	Chlorodibromomethane	124-48-1	ug/L	3/13/2020	n/a	5	ND	
MW-C	d	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	3/13/2020	n/a	1.2	ND	
MW-C	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	3/13/2020	n/a	0.34	ND	
MW-C	d	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	3/13/2020	n/a	10	ND	
MW-C	d	1,1-Dichloroethane	75-34-3	ug/L	3/13/2020	n/a	1	ND	
MW-C	d	1,2-Dichloroethane	107-06-2	ug/L	3/13/2020	n/a	1	ND	
MW-C	d	1,1-Dichloroethene	75-35-4	ug/L	3/13/2020	n/a	2	ND	
MW-C	d	cis-1,2-Dichloroethene	156-59-2	ug/L	3/13/2020	n/a	1	ND	
MW-C	d	trans-1,2-Dichloroethene	156-60-5	ug/L	3/13/2020	n/a	1	ND	
MW-C	d	1,2-Dichloropropane	78-87-5	ug/L	3/13/2020	n/a	1	ND	
MW-C	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	3/13/2020	n/a	5	ND	
MW-C	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	3/13/2020	n/a	5	ND	
MW-C	d	1,2-Dichlorobenzene	95-50-1	ug/L	3/13/2020	n/a	1	ND	
MW-C	d	1,4-Dichlorobenzene	106-46-7	ug/L	3/13/2020	n/a	1	ND	
MW-C	d	Ethylbenzene	100-41-4	ug/L	3/13/2020	n/a	1	ND	
MW-C	d	2-Hexanone	591-78-6	ug/L	3/13/2020	n/a	10	ND	
MW-C	d	Bromomethane	74-83-9	ug/L	3/13/2020	n/a	4	ND	
MW-C	d	Chloromethane	74-87-3	ug/L	3/13/2020	n/a	3	ND	
MW-C	d	2-Butanone	78-93-3	ug/L	3/13/2020	n/a	10	ND	
MW-C	d	Iodomethane	74-88-4	ug/L	3/13/2020	n/a	10	ND	
MW-C	d	4-Methyl-2-pentanone	108-10-1	ug/L	3/13/2020	n/a	10	ND	
MW-C	d	Methylene Bromide	74-95-3	ug/L	3/13/2020	n/a	1	ND	
MW-C	d	Methylene Chloride	75-09-2	ug/L	3/13/2020	n/a	5	ND	
MW-C	d	Styrene	100-42-5	ug/L	3/13/2020	n/a	1	ND	
MW-C	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	3/13/2020	n/a	1	ND	
MW-C	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	3/13/2020	n/a	1	ND	
MW-C	d	Tetrachloroethene	127-18-4	ug/L	3/13/2020	n/a	1	ND	
MW-C	d	Toluene	108-88-3	ug/L	3/13/2020	n/a	1	ND	
MW-C	d	1,1,1-Trichloroethane	71-55-6	ug/L	3/13/2020	n/a	1	ND	
MW-C	d	1,1,2-Trichloroethane	79-00-5	ug/L	3/13/2020	n/a	1	ND	
MW-C	d	Trichloroethene	79-01-6	ug/L	3/13/2020	n/a	1	ND	

Table 9A
Analytical Data Summary - Phase II MSWLF
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Phase II MSWLF and CWTS
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-C	d	Trichlorofluoromethane	75-69-4	ug/L	3/13/2020	n/a	4	ND	
MW-C	d	1,2,3-Trichloropropane	96-18-4	ug/L	3/13/2020	n/a	1	ND	
MW-C	d	Vinyl acetate	108-05-4	ug/L	3/13/2020	n/a	10	ND	
MW-C	d	Vinyl chloride	75-01-4	ug/L	3/13/2020	n/a	1	ND	
MW-C	d	Xylenes, total	1330-20-7	ug/L	3/13/2020	n/a	3	ND	
MW-C	d	Acrolein	107-02-8	ug/L	3/13/2020	n/a	10	ND	
MW-C	d	3-Chloropropene	107-05-1	ug/L	3/13/2020	n/a	2	ND	
MW-C	d	Chloroprene	126-99-8	ug/L	3/13/2020	n/a	1	ND	
MW-C	d	Dichlorodifluoromethane	75-71-8	ug/L	3/13/2020	n/a	3	ND	
MW-C	d	1,3-Dichloropropane	142-28-9	ug/L	3/13/2020	n/a	1	ND	
MW-C	d	2,2-Dichloropropane	594-20-7	ug/L	3/13/2020	n/a	4	ND	
MW-C	d	1,1-Dichloropropene	563-58-6	ug/L	3/13/2020	n/a	1	ND	
MW-C	d	1,3-Dichlorobenzene	541-73-1	ug/L	3/13/2020	n/a	1	ND	
MW-C	d	Ethyl Methacrylate	97-63-2	ug/L	3/13/2020	n/a	2	ND	
MW-C	d	Methacrylonitrile	126-98-7	ug/L	3/13/2020	n/a	10	ND	
MW-C	d	Methyl Methacrylate	80-62-6	ug/L	3/13/2020	n/a	2	ND	
MW-C	d	Naphthalene	91-20-3	ug/L	3/13/2020	n/a	5	ND	
MW-C	d	Propionitrile	107-12-0	ug/L	3/13/2020	n/a	10	ND	
MW-C	d	1,2,4-Trichlorobenzene	120-82-1	ug/L	3/13/2020	n/a	5	ND	
MW-C	d	Acenaphthene	83-32-9	ug/L	3/13/2020	n/a	10.8	ND	
MW-C	d	Acenaphthylene	208-96-8	ug/L	3/13/2020	n/a	10.8	ND	
MW-C	d	Acetophenone	98-86-2	ug/L	3/13/2020	n/a	10.8	ND	
MW-C	d	2-Acetylaminofluorene	53-96-3	ug/L	3/13/2020	n/a	10.8	ND	
MW-C	d	4-Aminobiphenyl	92-67-1	ug/L	3/13/2020	n/a	10.8	ND	
MW-C	d	Anthracene	120-12-7	ug/L	3/13/2020	n/a	10.8	ND	
MW-C	d	Benzo [a] anthracene	56-55-3	ug/L	3/13/2020	n/a	10.8	ND	
MW-C	d	Benzo [b] fluoranthene	205-99-2	ug/L	3/13/2020	n/a	10.8	ND	
MW-C	d	Benzo [k] fluoranthene	207-08-9	ug/L	3/13/2020	n/a	10.8	ND	
MW-C	d	Benzo [g,h,i] perylene	191-24-2	ug/L	3/13/2020	n/a	10.8	ND	
MW-C	d	Benzo [a] pyrene	50-32-8	ug/L	3/13/2020	n/a	10.8	ND	
MW-C	d	Benzyl alcohol	100-51-6	ug/L	3/13/2020	n/a	10.8	ND	
MW-C	d	Bis[2-chloroethoxy]methane	111-91-1	ug/L	3/13/2020	n/a	10.8	ND	
MW-C	d	Bis[2-chloroethyl]ether	111-44-4	ug/L	3/13/2020	n/a	10.8	ND	
MW-C	d	Bis[2-chloroisopropyl]ether	108-60-1	ug/L	3/13/2020	n/a	10.8	ND	
MW-C	d	Bis[2-ethylhexyl]phthalate	117-81-7	ug/L	3/13/2020	n/a	10.8	ND	
MW-C	d	4-Bromophenyl phenyl ether	101-55-3	ug/L	3/13/2020	n/a	10.8	ND	
MW-C	d	Butyl benzyl phthalate	85-68-7	ug/L	3/13/2020	n/a	10.8	ND	
MW-C	d	4-Chloroaniline	106-47-8	ug/L	3/13/2020	n/a	10.8	ND	
MW-C	d	Chlorobenzilate	510-15-6	ug/L	3/13/2020	n/a	10.8	ND	
MW-C	d	4-Chloro-3-methylphenol	59-50-7	ug/L	3/13/2020	n/a	10.8	ND	
MW-C	d	2-Chloronaphthalene	91-58-7	ug/L	3/13/2020	n/a	10.8	ND	
MW-C	d	2-Chlorophenol	95-57-8	ug/L	3/13/2020	n/a	10.8	ND	
MW-C	d	4-Chlorophenyl phenyl ether	7005-72-3	ug/L	3/13/2020	n/a	10.8	ND	
MW-C	d	Chrysene	218-01-9	ug/L	3/13/2020	n/a	10.8	ND	
MW-C	d	3/4-Methylphenol	T-34MP	ug/L	3/13/2020	n/a	10.8	ND	
MW-C	d	2-Methylphenol	95-48-7	ug/L	3/13/2020	n/a	10.8	ND	
MW-C	d	Diallate [cis or trans]	2303-16-4	ug/L	3/13/2020	n/a	10.8	ND	
MW-C	d	Dibenz [a,h] anthracene	53-70-3	ug/L	3/13/2020	n/a	10.8	ND	
MW-C	d	Dibenzofuran	132-64-9	ug/L	3/13/2020	n/a	10.8	ND	
MW-C	d	Di-n-butyl phthalate	84-74-2	ug/L	3/13/2020	n/a	10.8	ND	
MW-C	d	3,3-Dichlorobenzidine	91-94-1	ug/L	3/13/2020	n/a	10.8	ND	
MW-C	d	2,4-Dichlorophenol	120-83-2	ug/L	3/13/2020	n/a	10.8	ND	
MW-C	d	2,6-Dichlorophenol	87-65-0	ug/L	3/13/2020	n/a	10.8	ND	
MW-C	d	Diethyl phthalate	84-66-2	ug/L	3/13/2020	n/a	10.8	ND	
MW-C	d	Thionazin	297-97-2	ug/L	3/13/2020	n/a	10.8	ND	
MW-C	d	7,12-Dimethylbenz [a] anthracene	57-97-6	ug/L	3/13/2020	n/a	10.8	ND	
MW-C	d	Dimethoate	60-51-5	ug/L	3/13/2020	n/a	10.8	ND	
MW-C	d	Dimethylaminoazobenzene	60-11-7	ug/L	3/13/2020	n/a	10.8	ND	
MW-C	d	3,3-Dimethylbenzidine	119-93-7	ug/L	3/13/2020	n/a	10.8	ND	
MW-C	d	2,4-Dimethylphenol	105-67-9	ug/L	3/13/2020	n/a	10.8	ND	
MW-C	d	Dimethyl phthalate	131-11-3	ug/L	3/13/2020	n/a	10.8	ND	
MW-C	d	1,3-Dinitrobenzene	99-65-0	ug/L	3/13/2020	n/a	10.8	ND	
MW-C	d	4,6-Dinitro-2-methylphenol	534-52-1	ug/L	3/13/2020	n/a	10.8	ND	
MW-C	d	2,4-Dinitrophenol	51-28-5	ug/L	3/13/2020	n/a	21.5	ND	
MW-C	d	2,4-Dinitrotoluene	121-14-2	ug/L	3/13/2020	n/a	10.8	ND	
MW-C	d	2,6-Dinitrotoluene	606-20-2	ug/L	3/13/2020	n/a	10.8	ND	
MW-C	d	Di-n-octyl phthalate	117-84-0	ug/L	3/13/2020	n/a	21.5	ND	
MW-C	d	Diphenylamine	122-39-4	ug/L	3/13/2020	n/a	10.8	ND	
MW-C	d	Disulfoton	298-04-4	ug/L	3/13/2020	n/a	10.8	ND	
MW-C	d	Ethyl Methanesulfonate	62-50-0	ug/L	3/13/2020	n/a	10.8	ND	
MW-C	d	Famphur	52-85-7	ug/L	3/13/2020	n/a	10.8	ND	
MW-C	d	Fluoranthene	206-44-0	ug/L	3/13/2020	n/a	10.8	ND	
MW-C	d	Fluorene	86-73-7	ug/L	3/13/2020	n/a	10.8	ND	
MW-C	d	Hexachlorobenzene	118-74-1	ug/L	3/13/2020	n/a	10.8	ND	
MW-C	d	Hexachlorobutadiene	87-68-3	ug/L	3/13/2020	n/a	10.8	ND	

Table 9A
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Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-C	d	Hexachlorocyclopentadiene	77-47-4	ug/L	3/13/2020	n/a	10.8	ND	
MW-C	d	Hexachloroethane	67-72-1	ug/L	3/13/2020	n/a	10.8	ND	
MW-C	d	Hexachloropropene	1888-71-7	ug/L	3/13/2020	n/a	10.8	ND	
MW-C	d	Indeno [1,2,3-cd] pyrene	193-39-5	ug/L	3/13/2020	n/a	10.8	ND	
MW-C	d	Isodrin	465-73-6	ug/L	3/13/2020	n/a	10.8	ND	
MW-C	d	Isophorone	78-59-1	ug/L	3/13/2020	n/a	10.8	ND	
MW-C	d	Isosafrole	120-58-1	ug/L	3/13/2020	n/a	10.8	ND	
MW-C	d	Kepone	143-50-0	ug/L	3/13/2020	n/a	10.8	ND	
MW-C	d	Methapyrilene	91-80-5	ug/L	3/13/2020	n/a	10.8	ND	
MW-C	d	3-Methylcholanthrene	56-49-5	ug/L	3/13/2020	n/a	10.8	ND	
MW-C	d	Methyl Methanesulfonate	66-27-3	ug/L	3/13/2020	n/a	10.8	ND	
MW-C	d	2-Methylnaphthalene	91-57-6	ug/L	3/13/2020	n/a	10.8	ND	
MW-C	d	Parathion-methyl	298-00-0	ug/L	3/13/2020	n/a	10.8	ND	
MW-C	d	1,4-Naphthoquinone	130-15-4	ug/L	3/13/2020	n/a	10.8	ND	
MW-C	d	1-Naphthylamine	134-32-7	ug/L	3/13/2020	n/a	10.8	ND	
MW-C	d	2-Naphthylamine	91-59-8	ug/L	3/13/2020	n/a	10.8	ND	
MW-C	d	2-Nitroaniline	88-74-4	ug/L	3/13/2020	n/a	10.8	ND	
MW-C	d	3-Nitroaniline	99-09-2	ug/L	3/13/2020	n/a	10.8	ND	
MW-C	d	4-Nitroaniline	100-01-6	ug/L	3/13/2020	n/a	10.8	ND	
MW-C	d	Nitrobenzene	98-95-3	ug/L	3/13/2020	n/a	10.8	ND	
MW-C	d	2-Nitrophenol	88-75-5	ug/L	3/13/2020	n/a	10.8	ND	
MW-C	d	4-Nitrophenol	100-02-7	ug/L	3/13/2020	n/a	10.8	ND	
MW-C	d	N-Nitrosodi-n-butylamine	924-16-3	ug/L	3/13/2020	n/a	10.8	ND	
MW-C	d	N-Nitrosodiethylamine	55-18-5	ug/L	3/13/2020	n/a	10.8	ND	
MW-C	d	N-Nitrosodimethylamine	62-75-9	ug/L	3/13/2020	n/a	10.8	ND	
MW-C	d	N-Nitrosodiphenylamine	86-30-6	ug/L	3/13/2020	n/a	10.8	ND	
MW-C	d	N-Nitrosodi-n-propylamine	621-64-7	ug/L	3/13/2020	n/a	10.8	ND	
MW-C	d	N-Nitrosomethylethylamine	10595-95-6	ug/L	3/13/2020	n/a	10.8	ND	
MW-C	d	N-Nitrosopiperidine	100-75-4	ug/L	3/13/2020	n/a	10.8	ND	
MW-C	d	N-Nitrosopyrrolidine	930-55-2	ug/L	3/13/2020	n/a	10.8	ND	
MW-C	d	5-Nitro-o-toluidine	99-55-8	ug/L	3/13/2020	n/a	10.8	ND	
MW-C	d	Parathion-ethyl	56-38-2	ug/L	3/13/2020	n/a	10.8	ND	
MW-C	d	Pentachlorobenzene	608-93-5	ug/L	3/13/2020	n/a	10.8	ND	
MW-C	d	Pentachloronitrobenzene	82-68-8	ug/L	3/13/2020	n/a	10.8	ND	
MW-C	d	Pentachlorophenol [2C]	87-86-5	ug/L	3/13/2020	n/a	10.8	ND	
MW-C	d	Phenacetin	62-44-2	ug/L	3/13/2020	n/a	10.8	ND	
MW-C	d	Phenanthrene	85-01-8	ug/L	3/13/2020	n/a	10.8	ND	
MW-C	d	Phenol	108-95-2	ug/L	3/13/2020	n/a	10.8	ND	
MW-C	d	1,4-Phenylenediamine	106-50-3	ug/L	3/13/2020	n/a	10.8	ND	
MW-C	d	Phorate	298-02-2	ug/L	3/13/2020	n/a	10.8	ND	
MW-C	d	Pronamide	23950-58-5	ug/L	3/13/2020	n/a	10.8	ND	
MW-C	d	Pyrene	129-00-0	ug/L	3/13/2020	n/a	10.8	ND	
MW-C	d	Safrole	94-59-7	ug/L	3/13/2020	n/a	10.8	ND	
MW-C	d	1,2,4,5-Tetrachlorobenzene	95-94-3	ug/L	3/13/2020	n/a	10.8	ND	
MW-C	d	2,3,4,6-Tetrachlorophenol	58-90-2	ug/L	3/13/2020	n/a	10.8	ND	
MW-C	d	o-Toluidine	95-53-4	ug/L	3/13/2020	n/a	10.8	ND	
MW-C	d	2,4,5-Trichlorophenol	95-95-4	ug/L	3/13/2020	n/a	10.8	ND	
MW-C	d	2,4,6-Trichlorophenol	88-06-2	ug/L	3/13/2020	n/a	10.8	ND	
MW-C	d	O,O,O-Triethyl phosphorothioate	126-68-1	ug/L	3/13/2020	n/a	10.8	ND	
MW-C	d	1,3,5-Trinitrobenzene	99-35-4	ug/L	3/13/2020	n/a	10.8	ND	
MW-C	d	Dinoseb	88-85-7	ug/L	3/13/2020	n/a	10.8	ND	
MW-C	d	Acetonitrile	75-05-8	ug/L	3/13/2020	n/a	10000	ND	
MW-C	d	Isobutanol	78-83-1	mg/L	3/13/2020	n/a	10	ND	
MW-C	d	PCB-1016	12674-11-2	ug/L	3/13/2020	n/a	0.889	ND	
MW-C	d	PCB-1221	11104-28-2	ug/L	3/13/2020	n/a	0.889	ND	
MW-C	d	PCB-1232	11141-16-5	ug/L	3/13/2020	n/a	0.889	ND	
MW-C	d	PCB-1242	53469-21-9	ug/L	3/13/2020	n/a	0.889	ND	
MW-C	d	PCB-1248	12672-29-6	ug/L	3/13/2020	n/a	0.889	ND	
MW-C	d	PCB-1254	11097-69-1	ug/L	3/13/2020	n/a	0.889	ND	
MW-C	d	PCB-1260	11096-82-5	ug/L	3/13/2020	n/a	0.889	ND	
MW-C	d	Cyanide	57-12-5	mg/L	3/13/2020	n/a	0.01	ND	
MW-C	d	Sulfide	18496-25-8	mg/L	3/13/2020	0.231	1	J	0.69
MW-C	d	2,4-D [2C]	94-75-7	ug/L	3/13/2020	n/a	1.15	ND	
MW-C	d	2,4,5-TP [Silvex] [2C]	93-72-1	ug/L	3/13/2020	n/a	1.15	ND	
MW-C	d	2,4,5-T [2C]	93-76-5	ug/L	3/13/2020	n/a	1.15	ND	
MW-C	d	alpha-BHC	319-84-6	ug/L	3/13/2020	n/a	n/a	J	0.00227
MW-C	d	beta-BHC	319-85-7	ug/L	3/13/2020	n/a	0.0356	ND	
MW-C	d	Dieldrin	60-57-1	ug/L	3/13/2020	n/a	0.0356	ND	
MW-C	d	4,4'-DDE	72-55-9	ug/L	3/13/2020	n/a	0.0356	ND	
MW-C	d	delta-BHC	319-86-8	ug/L	3/13/2020	n/a	0.0356	ND	
MW-C	d	Endrin	72-20-8	ug/L	3/13/2020	n/a	0.0356	ND	
MW-C	d	gamma-BHC [Lindane]	58-89-9	ug/L	3/13/2020	n/a	0.0356	ND	
MW-C	d	Endosulfan II	33213-65-9	ug/L	3/13/2020	n/a	0.0356	ND	
MW-C	d	Heptachlor	76-44-8	ug/L	3/13/2020	n/a	0.0356	ND	
MW-C	d	4,4'-DDD	72-54-8	ug/L	3/13/2020	0.002	0.0356	J	0.00219

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MW-C	d	Aldrin	309-00-2	ug/L	3/13/2020	n/a	0.0356	ND	
MW-C	d	Endosulfan sulfate	1031-07-8	ug/L	3/13/2020	n/a	0.0356	ND	
MW-C	d	Heptachlor epoxide	1024-57-3	ug/L	3/13/2020	n/a	0.0356	ND	
MW-C	d	4,4'-DDT	50-29-3	ug/L	3/13/2020	n/a	0.0356	ND	
MW-C	d	Endosulfan I	959-98-8	ug/L	3/13/2020	n/a	0.0356	ND	
MW-C	d	Methoxychlor	72-43-5	ug/L	3/13/2020	n/a	0.0356	ND	
MW-C	d	Toxaphene	8001-35-2	ug/L	3/13/2020	n/a	2.22	ND	
MW-C	d	Endrin aldehyde	7421-93-4	ug/L	3/13/2020	n/a	0.0356	ND	
MW-C	d	Chlordane	57-74-9	ug/L	3/13/2020	n/a	2.22	ND	
MW-C	d	Total Suspended Solids	TSS	mg/L	3/13/2020	0.638	1.88		2
GU-3	d	Antimony	7440-36-0	mg/L	3/16/2020	n/a	0.001	ND	
GU-3	d	Arsenic	7440-38-2	mg/L	3/16/2020	0.00088	0.002	J	0.0016
GU-3	d	Barium	7440-39-3	mg/L	3/16/2020	0.0009	0.002		0.0901
GU-3	d	Beryllium	7440-41-7	mg/L	3/16/2020	n/a	0.001	ND	
GU-3	d	Cadmium	7440-43-9	mg/L	3/16/2020	n/a	0.0001	ND	
GU-3	d	Chromium	7440-47-3	mg/L	3/16/2020	0.0011	0.005	J	0.00204
GU-3	d	Cobalt	7440-48-4	mg/L	3/16/2020	0.000091	0.0005	J	0.000471
GU-3	d	Copper	7440-50-8	mg/L	3/16/2020	n/a	0.005	ND	
GU-3	d	Lead	7439-92-1	mg/L	3/16/2020	n/a	0.0005	ND	
GU-3	d	Nickel	7440-02-0	mg/L	3/16/2020	0.0019	0.005		0.00685
GU-3	d	Selenium	7782-49-2	mg/L	3/16/2020	0.001	0.005	J	0.00129
GU-3	d	Silver	7440-22-4	mg/L	3/16/2020	n/a	0.001	ND	
GU-3	d	Thallium	7440-28-0	mg/L	3/16/2020	n/a	0.001	ND	
GU-3	d	Vanadium	7440-62-2	mg/L	3/16/2020	n/a	0.005	ND	
GU-3	d	Zinc	7440-66-6	mg/L	3/16/2020	0.01	0.02	J	0.0106
GU-3	d	Mercury	7439-97-6	mg/L	3/16/2020	n/a	0.0002	ND	
GU-3	d	Tin	7440-31-5	mg/L	3/16/2020	n/a	0.005	ND	
GU-3	d	Acetone	67-64-1	ug/L	3/16/2020	n/a	10	ND	
GU-3	d	Acrylonitrile	107-13-1	ug/L	3/16/2020	n/a	10	ND	
GU-3	d	Benzene	71-43-2	ug/L	3/16/2020	n/a	0.5	ND	
GU-3	d	Bromochloromethane	74-97-5	ug/L	3/16/2020	n/a	5	ND	
GU-3	d	Bromodichloromethane	75-27-4	ug/L	3/16/2020	n/a	1	ND	
GU-3	d	Bromoform	75-25-2	ug/L	3/16/2020	n/a	5	ND	
GU-3	d	Carbon disulfide	75-15-0	ug/L	3/16/2020	n/a	1	ND	
GU-3	d	Carbon Tetrachloride	56-23-5	ug/L	3/16/2020	n/a	2	ND	
GU-3	d	Chlorobenzene	108-90-7	ug/L	3/16/2020	n/a	1	ND	
GU-3	d	Chloroethane	75-00-3	ug/L	3/16/2020	n/a	4	ND	
GU-3	d	Chloroform	67-66-3	ug/L	3/16/2020	n/a	3	ND	
GU-3	d	Chlorodibromomethane	124-48-1	ug/L	3/16/2020	n/a	5	ND	
GU-3	d	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	3/16/2020	n/a	1.2	ND	
GU-3	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	3/16/2020	n/a	0.34	ND	
GU-3	d	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	3/16/2020	n/a	10	ND	
GU-3	d	1,1-Dichloroethane	75-34-3	ug/L	3/16/2020	n/a	1	ND	
GU-3	d	1,2-Dichloroethane	107-06-2	ug/L	3/16/2020	n/a	1	ND	
GU-3	d	1,1-Dichloroethene	75-35-4	ug/L	3/16/2020	n/a	2	ND	
GU-3	d	cis-1,2-Dichloroethene	156-59-2	ug/L	3/16/2020	n/a	1	ND	
GU-3	d	trans-1,2-Dichloroethene	156-60-5	ug/L	3/16/2020	n/a	1	ND	
GU-3	d	1,2-Dichloropropane	78-87-5	ug/L	3/16/2020	n/a	1	ND	
GU-3	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	3/16/2020	n/a	5	ND	
GU-3	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	3/16/2020	n/a	5	ND	
GU-3	d	1,2-Dichlorobenzene	95-50-1	ug/L	3/16/2020	n/a	1	ND	
GU-3	d	1,4-Dichlorobenzene	106-46-7	ug/L	3/16/2020	n/a	1	ND	
GU-3	d	Ethylbenzene	100-41-4	ug/L	3/16/2020	n/a	1	ND	
GU-3	d	2-Hexanone	591-78-6	ug/L	3/16/2020	n/a	10	ND	
GU-3	d	Bromomethane	74-83-9	ug/L	3/16/2020	n/a	4	ND	
GU-3	d	Chloromethane	74-87-3	ug/L	3/16/2020	n/a	3	ND	
GU-3	d	2-Butanone	78-93-3	ug/L	3/16/2020	n/a	10	ND	
GU-3	d	Iodomethane	74-88-4	ug/L	3/16/2020	n/a	10	ND	
GU-3	d	4-Methyl-2-pentanone	108-10-1	ug/L	3/16/2020	n/a	10	ND	
GU-3	d	Methylene Bromide	74-95-3	ug/L	3/16/2020	n/a	1	ND	
GU-3	d	Methylene Chloride	75-09-2	ug/L	3/16/2020	n/a	5	ND	
GU-3	d	Styrene	100-42-5	ug/L	3/16/2020	n/a	1	ND	
GU-3	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	3/16/2020	n/a	1	ND	
GU-3	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	3/16/2020	n/a	1	ND	
GU-3	d	Tetrachloroethene	127-18-4	ug/L	3/16/2020	n/a	1	ND	
GU-3	d	Toluene	108-88-3	ug/L	3/16/2020	n/a	1	ND	
GU-3	d	1,1,1-Trichloroethane	71-55-6	ug/L	3/16/2020	n/a	1	ND	
GU-3	d	1,1,2-Trichloroethane	79-00-5	ug/L	3/16/2020	n/a	1	ND	
GU-3	d	Trichloroethene	79-01-6	ug/L	3/16/2020	n/a	1	ND	
GU-3	d	Trichlorofluoromethane	75-69-4	ug/L	3/16/2020	n/a	4	ND	
GU-3	d	1,2,3-Trichloropropane	96-18-4	ug/L	3/16/2020	n/a	1	ND	
GU-3	d	Vinyl acetate	108-05-4	ug/L	3/16/2020	n/a	10	ND	
GU-3	d	Vinyl chloride	75-01-4	ug/L	3/16/2020	n/a	1	ND	
GU-3	d	Xylenes, total	1330-20-7	ug/L	3/16/2020	n/a	3	ND	
GU-3	d	Acrolein	107-02-8	ug/L	3/16/2020	n/a	10	ND	

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GU-3	d	3-Chloropropene	107-05-1	ug/L	3/16/2020	n/a	2	ND	
GU-3	d	Chloroprene	126-99-8	ug/L	3/16/2020	n/a	1	ND	
GU-3	d	Dichlorodifluoromethane	75-71-8	ug/L	3/16/2020	n/a	3	ND	
GU-3	d	1,3-Dichloropropane	142-28-9	ug/L	3/16/2020	n/a	1	ND	
GU-3	d	2,2-Dichloropropane	594-20-7	ug/L	3/16/2020	n/a	4	ND	
GU-3	d	1,1-Dichloropropene	563-58-6	ug/L	3/16/2020	n/a	1	ND	
GU-3	d	1,3-Dichlorobenzene	541-73-1	ug/L	3/16/2020	n/a	1	ND	
GU-3	d	Ethyl Methacrylate	97-63-2	ug/L	3/16/2020	n/a	2	ND	
GU-3	d	Methacrylonitrile	126-98-7	ug/L	3/16/2020	n/a	10	ND	
GU-3	d	Methyl Methacrylate	80-62-6	ug/L	3/16/2020	n/a	2	ND	
GU-3	d	Naphthalene	91-20-3	ug/L	3/16/2020	n/a	5	ND	
GU-3	d	Propionitrile	107-12-0	ug/L	3/16/2020	n/a	10	ND	
GU-3	d	1,2,4-Trichlorobenzene	120-82-1	ug/L	3/16/2020	n/a	5	ND	
GU-3	d	Acenaphthene	83-32-9	ug/L	3/16/2020	n/a	10.4	ND	
GU-3	d	Acenaphthylene	208-96-8	ug/L	3/16/2020	n/a	10.4	ND	
GU-3	d	Acetophenone	98-86-2	ug/L	3/16/2020	n/a	10.4	ND	
GU-3	d	2-Acetylaminofluorene	53-96-3	ug/L	3/16/2020	n/a	10.4	ND	
GU-3	d	4-Aminobiphenyl	92-67-1	ug/L	3/16/2020	n/a	10.4	ND	
GU-3	d	Anthracene	120-12-7	ug/L	3/16/2020	n/a	10.4	ND	
GU-3	d	Benzo [a] anthracene	56-55-3	ug/L	3/16/2020	n/a	10.4	ND	
GU-3	d	Benzo [b] fluoranthene	205-99-2	ug/L	3/16/2020	n/a	10.4	ND	
GU-3	d	Benzo [k] fluoranthene	207-08-9	ug/L	3/16/2020	n/a	10.4	ND	
GU-3	d	Benzo [g,h,i] perylene	191-24-2	ug/L	3/16/2020	n/a	10.4	ND	
GU-3	d	Benzo [a] pyrene	50-32-8	ug/L	3/16/2020	n/a	10.4	ND	
GU-3	d	Benzyl alcohol	100-51-6	ug/L	3/16/2020	n/a	10.4	ND	
GU-3	d	Bis[2-chloroethoxy]methane	111-91-1	ug/L	3/16/2020	n/a	10.4	ND	
GU-3	d	Bis[2-chloroethyl]ether	111-44-4	ug/L	3/16/2020	n/a	10.4	ND	
GU-3	d	Bis[2-chloroisopropyl]ether	108-60-1	ug/L	3/16/2020	n/a	10.4	ND	
GU-3	d	Bis[2-ethylhexyl]phthalate	117-81-7	ug/L	3/16/2020	n/a	10.4	ND	
GU-3	d	4-Bromophenyl phenyl ether	101-55-3	ug/L	3/16/2020	n/a	10.4	ND	
GU-3	d	Butyl benzyl phthalate	85-68-7	ug/L	3/16/2020	n/a	10.4	ND	
GU-3	d	4-Chloroaniline	106-47-8	ug/L	3/16/2020	n/a	10.4	ND	
GU-3	d	Chlorobenzilate	510-15-6	ug/L	3/16/2020	n/a	10.4	ND	
GU-3	d	4-Chloro-3-methylphenol	59-50-7	ug/L	3/16/2020	n/a	10.4	ND	
GU-3	d	2-Chloronaphthalene	91-58-7	ug/L	3/16/2020	n/a	10.4	ND	
GU-3	d	2-Chlorophenol	95-57-8	ug/L	3/16/2020	n/a	10.4	ND	
GU-3	d	4-Chlorophenyl phenyl ether	7005-72-3	ug/L	3/16/2020	n/a	10.4	ND	
GU-3	d	Chrysene	218-01-9	ug/L	3/16/2020	n/a	10.4	ND	
GU-3	d	3/4-Methylphenol	T-34MP	ug/L	3/16/2020	n/a	10.4	ND	
GU-3	d	2-Methylphenol	95-48-7	ug/L	3/16/2020	n/a	10.4	ND	
GU-3	d	Diallate [cis or trans]	2303-16-4	ug/L	3/16/2020	n/a	10.4	ND	
GU-3	d	Dibenz [a,h] anthracene	53-70-3	ug/L	3/16/2020	n/a	10.4	ND	
GU-3	d	Dibenzofuran	132-64-9	ug/L	3/16/2020	n/a	10.4	ND	
GU-3	d	Di-n-butyl phthalate	84-74-2	ug/L	3/16/2020	n/a	10.4	ND	
GU-3	d	3,3-Dichlorobenzidine	91-94-1	ug/L	3/16/2020	n/a	10.4	ND	
GU-3	d	2,4-Dichlorophenol	120-83-2	ug/L	3/16/2020	n/a	10.4	ND	
GU-3	d	2,6-Dichlorophenol	87-65-0	ug/L	3/16/2020	n/a	10.4	ND	
GU-3	d	Diethyl phthalate	84-66-2	ug/L	3/16/2020	n/a	10.4	ND	
GU-3	d	Thionazin	297-97-2	ug/L	3/16/2020	n/a	10.4	ND	
GU-3	d	7,12-Dimethylbenz [a] anthracene	57-97-6	ug/L	3/16/2020	n/a	10.4	ND	
GU-3	d	Dimethoate	60-51-5	ug/L	3/16/2020	n/a	10.4	ND	
GU-3	d	Dimethylaminoazobenzene	60-11-7	ug/L	3/16/2020	n/a	10.4	ND	
GU-3	d	3,3-Dimethylbenzidine	119-93-7	ug/L	3/16/2020	n/a	10.4	ND	
GU-3	d	2,4-Dimethylphenol	105-67-9	ug/L	3/16/2020	n/a	10.4	ND	
GU-3	d	Dimethyl phthalate	131-11-3	ug/L	3/16/2020	n/a	10.4	ND	
GU-3	d	1,3-Dinitrobenzene	99-65-0	ug/L	3/16/2020	n/a	10.4	ND	
GU-3	d	4,6-Dinitro-2-methylphenol	534-52-1	ug/L	3/16/2020	n/a	10.4	ND	
GU-3	d	2,4-Dinitrophenol	51-28-5	ug/L	3/16/2020	n/a	20.8	ND	
GU-3	d	2,4-Dinitrotoluene	121-14-2	ug/L	3/16/2020	n/a	10.4	ND	
GU-3	d	2,6-Dinitrotoluene	606-20-2	ug/L	3/16/2020	n/a	10.4	ND	
GU-3	d	Di-n-octyl phthalate	117-84-0	ug/L	3/16/2020	n/a	20.8	ND	
GU-3	d	Diphenylamine	122-39-4	ug/L	3/16/2020	n/a	10.4	ND	
GU-3	d	Disulfoton	298-04-4	ug/L	3/16/2020	n/a	10.4	ND	
GU-3	d	Ethyl Methanesulfonate	62-50-0	ug/L	3/16/2020	n/a	10.4	ND	
GU-3	d	Famphur	52-85-7	ug/L	3/16/2020	n/a	10.4	ND	
GU-3	d	Fluoranthene	206-44-0	ug/L	3/16/2020	n/a	10.4	ND	
GU-3	d	Fluorene	86-73-7	ug/L	3/16/2020	n/a	10.4	ND	
GU-3	d	Hexachlorobenzene	118-74-1	ug/L	3/16/2020	n/a	10.4	ND	
GU-3	d	Hexachlorobutadiene	87-68-3	ug/L	3/16/2020	n/a	10.4	ND	
GU-3	d	Hexachlorocyclopentadiene	77-47-4	ug/L	3/16/2020	n/a	10.4	ND	
GU-3	d	Hexachloroethane	67-72-1	ug/L	3/16/2020	n/a	10.4	ND	
GU-3	d	Hexachloropropene	1888-71-7	ug/L	3/16/2020	n/a	10.4	ND	
GU-3	d	Indeno [1,2,3-cd] pyrene	193-39-5	ug/L	3/16/2020	n/a	10.4	ND	
GU-3	d	Isodrin	465-73-6	ug/L	3/16/2020	n/a	10.4	ND	
GU-3	d	Isophorone	78-59-1	ug/L	3/16/2020	n/a	10.4	ND	

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Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
GU-3	d	Isosafrole	120-58-1	ug/L	3/16/2020	n/a	10.4	ND	
GU-3	d	Kepone	143-50-0	ug/L	3/16/2020	n/a	10.4	ND	
GU-3	d	Methapyrilene	91-80-5	ug/L	3/16/2020	n/a	10.4	ND	
GU-3	d	3-Methylcholanthrene	56-49-5	ug/L	3/16/2020	n/a	10.4	ND	
GU-3	d	Methyl Methanesulfonate	66-27-3	ug/L	3/16/2020	n/a	10.4	ND	
GU-3	d	2-Methylnaphthalene	91-57-6	ug/L	3/16/2020	n/a	10.4	ND	
GU-3	d	Parathion-methyl	298-00-0	ug/L	3/16/2020	n/a	10.4	ND	
GU-3	d	1,4-Naphthoquinone	130-15-4	ug/L	3/16/2020	n/a	10.4	ND	
GU-3	d	1-Naphthylamine	134-32-7	ug/L	3/16/2020	n/a	10.4	ND	
GU-3	d	2-Naphthylamine	91-59-8	ug/L	3/16/2020	n/a	10.4	ND	
GU-3	d	2-Nitroaniline	88-74-4	ug/L	3/16/2020	n/a	10.4	ND	
GU-3	d	3-Nitroaniline	99-09-2	ug/L	3/16/2020	n/a	10.4	ND	
GU-3	d	4-Nitroaniline	100-01-6	ug/L	3/16/2020	n/a	10.4	ND	
GU-3	d	Nitrobenzene	98-95-3	ug/L	3/16/2020	n/a	10.4	ND	
GU-3	d	2-Nitrophenol	88-75-5	ug/L	3/16/2020	n/a	10.4	ND	
GU-3	d	4-Nitrophenol	100-02-7	ug/L	3/16/2020	n/a	10.4	ND	
GU-3	d	N-Nitrosodi-n-butylamine	924-16-3	ug/L	3/16/2020	n/a	10.4	ND	
GU-3	d	N-Nitrosodiethylamine	55-18-5	ug/L	3/16/2020	n/a	10.4	ND	
GU-3	d	N-Nitrosodimethylamine	62-75-9	ug/L	3/16/2020	n/a	10.4	ND	
GU-3	d	N-Nitrosodiphenylamine	86-30-6	ug/L	3/16/2020	n/a	10.4	ND	
GU-3	d	N-Nitrosodi-n-propylamine	621-64-7	ug/L	3/16/2020	n/a	10.4	ND	
GU-3	d	N-Nitrosomethylethylamine	10595-95-6	ug/L	3/16/2020	n/a	10.4	ND	
GU-3	d	N-Nitrosopiperidine	100-75-4	ug/L	3/16/2020	n/a	10.4	ND	
GU-3	d	N-Nitrosopyrrolidine	930-55-2	ug/L	3/16/2020	n/a	10.4	ND	
GU-3	d	5-Nitro-o-toluidine	99-55-8	ug/L	3/16/2020	n/a	10.4	ND	
GU-3	d	Parathion-ethyl	56-38-2	ug/L	3/16/2020	n/a	10.4	ND	
GU-3	d	Pentachlorobenzene	608-93-5	ug/L	3/16/2020	n/a	10.4	ND	
GU-3	d	Pentachloronitrobenzene	82-68-8	ug/L	3/16/2020	n/a	10.4	ND	
GU-3	d	Pentachlorophenol [2C]	87-86-5	ug/L	3/16/2020	n/a	10.4	ND	
GU-3	d	Phenacetin	62-44-2	ug/L	3/16/2020	n/a	10.4	ND	
GU-3	d	Phenanthrene	85-01-8	ug/L	3/16/2020	n/a	10.4	ND	
GU-3	d	Phenol	108-95-2	ug/L	3/16/2020	n/a	10.4	ND	
GU-3	d	1,4-Phenylenediamine	106-50-3	ug/L	3/16/2020	n/a	10.4	ND	
GU-3	d	Phorate	298-02-2	ug/L	3/16/2020	n/a	10.4	ND	
GU-3	d	Pronamide	23950-58-5	ug/L	3/16/2020	n/a	10.4	ND	
GU-3	d	Pyrene	129-00-0	ug/L	3/16/2020	n/a	10.4	ND	
GU-3	d	Safrole	94-59-7	ug/L	3/16/2020	n/a	10.4	ND	
GU-3	d	1,2,4,5-Tetrachlorobenzene	95-94-3	ug/L	3/16/2020	n/a	10.4	ND	
GU-3	d	2,3,4,6-Tetrachlorophenol	58-90-2	ug/L	3/16/2020	n/a	10.4	ND	
GU-3	d	o-Toluidine	95-53-4	ug/L	3/16/2020	n/a	10.4	ND	
GU-3	d	2,4,5-Trichlorophenol	95-95-4	ug/L	3/16/2020	n/a	10.4	ND	
GU-3	d	2,4,6-Trichlorophenol	88-06-2	ug/L	3/16/2020	n/a	10.4	ND	
GU-3	d	O,O,O-Triethyl phosphorothioate	126-68-1	ug/L	3/16/2020	n/a	10.4	ND	
GU-3	d	1,3,5-Trinitrobenzene	99-35-4	ug/L	3/16/2020	n/a	10.4	ND	
GU-3	d	Dinoseb	88-85-7	ug/L	3/16/2020	n/a	10.4	ND	
GU-3	d	Acetonitrile	75-05-8	ug/L	3/16/2020	n/a	10000	ND	
GU-3	d	Isobutanol	78-83-1	mg/L	3/16/2020	n/a	10	ND	
GU-3	d	PCB-1016	12674-11-2	ug/L	3/16/2020	n/a	0.87	ND	
GU-3	d	PCB-1221	11104-28-2	ug/L	3/16/2020	n/a	0.87	ND	
GU-3	d	PCB-1232	11141-16-5	ug/L	3/16/2020	n/a	0.87	ND	
GU-3	d	PCB-1242	53469-21-9	ug/L	3/16/2020	n/a	0.87	ND	
GU-3	d	PCB-1248	12672-29-6	ug/L	3/16/2020	n/a	0.87	ND	
GU-3	d	PCB-1254	11097-69-1	ug/L	3/16/2020	n/a	0.87	ND	
GU-3	d	PCB-1260	11096-82-5	ug/L	3/16/2020	n/a	0.87	ND	
GU-3	d	Cyanide	57-12-5	mg/L	3/16/2020	0.005	0.01	J	0.00515
GU-3	d	Sulfide	18496-25-8	mg/L	3/16/2020	n/a	1	ND	
GU-3	d	2,4-D [2C]	94-75-7	ug/L	3/16/2020	n/a	1.03	ND	
GU-3	d	2,4,5-TP [Silvex] [2C]	93-72-1	ug/L	3/16/2020	n/a	1.03	ND	
GU-3	d	2,4,5-T [2C]	93-76-5	ug/L	3/16/2020	n/a	1.03	ND	
GU-3	d	alpha-BHC	319-84-6	ug/L	3/16/2020	n/a	0.0348	ND	
GU-3	d	beta-BHC	319-85-7	ug/L	3/16/2020	n/a	0.0348	ND	
GU-3	d	Dieldrin	60-57-1	ug/L	3/16/2020	0.00217	0.0348	J	0.00502
GU-3	d	4,4'-DDE	72-55-9	ug/L	3/16/2020	n/a	0.0348	ND	
GU-3	d	delta-BHC	319-86-8	ug/L	3/16/2020	n/a	0.0348	ND	
GU-3	d	Endrin	72-20-8	ug/L	3/16/2020	n/a	0.0348	ND	
GU-3	d	gamma-BHC [Lindane]	58-89-9	ug/L	3/16/2020	n/a	0.0348	ND	
GU-3	d	Endosulfan II	33213-65-9	ug/L	3/16/2020	n/a	0.0348	ND	
GU-3	d	Heptachlor	76-44-8	ug/L	3/16/2020	n/a	0.0348	ND	
GU-3	d	4,4'-DDD	72-54-8	ug/L	3/16/2020	n/a	0.0348	ND	
GU-3	d	Aldrin	309-00-2	ug/L	3/16/2020	n/a	0.0348	ND	
GU-3	d	Endosulfan sulfate	1031-07-8	ug/L	3/16/2020	n/a	0.0348	ND	
GU-3	d	Heptachlor epoxide	1024-57-3	ug/L	3/16/2020	n/a	0.0348	ND	
GU-3	d	4,4'-DDT	50-29-3	ug/L	3/16/2020	0.00413	0.0348	J	0.00917
GU-3	d	Endosulfan I	959-98-8	ug/L	3/16/2020	0.00217	0.0348	J	0.00276
GU-3	d	Methoxychlor	72-43-5	ug/L	3/16/2020	n/a	0.0348	ND	

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GU-3	d	Toxaphene	8001-35-2	ug/L	3/16/2020	n/a	2.17	ND	
GU-3	d	Endrin aldehyde	7421-93-4	ug/L	3/16/2020	n/a	0.0348	ND	
GU-3	d	Chlordane	57-74-9	ug/L	3/16/2020	n/a	2.17	ND	
GU-3	d	Total Suspended Solids	TSS	mg/L	3/16/2020	0.638	1.88		17.4
MW-B	d	Antimony	7440-36-0	mg/L	7/22/2020	n/a	0.001	ND	
MW-B	d	Arsenic	7440-38-2	mg/L	7/22/2020	n/a	0.002	ND	
MW-B	d	Barium	7440-39-3	mg/L	7/22/2020	0.00028	0.002		0.0412
MW-B	d	Beryllium	7440-41-7	mg/L	7/22/2020	n/a	0.001	ND	
MW-B	d	Cadmium	7440-43-9	mg/L	7/22/2020	0.000049	0.0001	J	0.000054
MW-B	d	Chromium	7440-47-3	mg/L	7/22/2020	n/a	0.005	ND	
MW-B	d	Cobalt	7440-48-4	mg/L	7/22/2020	0.000091	0.0005	J	0.000238
MW-B	d	Copper	7440-50-8	mg/L	7/22/2020	0.0015	0.005	J	0.00204
MW-B	d	Lead	7439-92-1	mg/L	7/22/2020	0.00011	0.0005	J	0.000236
MW-B	d	Nickel	7440-02-0	mg/L	7/22/2020	n/a	0.005	ND	
MW-B	d	Selenium	7782-49-2	mg/L	7/22/2020	n/a	0.005	ND	
MW-B	d	Silver	7440-22-4	mg/L	7/22/2020	n/a	0.001	ND	
MW-B	d	Thallium	7440-28-0	mg/L	7/22/2020	n/a	0.001	ND	
MW-B	d	Vanadium	7440-62-2	mg/L	7/22/2020	n/a	0.005	ND	
MW-B	d	Zinc	7440-66-6	mg/L	7/22/2020	n/a	0.02	ND	
MW-B	d	Acetone	67-64-1	ug/L	7/22/2020	n/a	10	ND	
MW-B	d	Acrylonitrile	107-13-1	ug/L	7/22/2020	n/a	10	ND	
MW-B	d	Benzene	71-43-2	ug/L	7/22/2020	n/a	0.5	ND	
MW-B	d	Bromochloromethane	74-97-5	ug/L	7/22/2020	n/a	5	ND	
MW-B	d	Bromodichloromethane	75-27-4	ug/L	7/22/2020	n/a	1	ND	
MW-B	d	Bromoform	75-25-2	ug/L	7/22/2020	n/a	5	ND	
MW-B	d	Carbon disulfide	75-15-0	ug/L	7/22/2020	n/a	1	ND	
MW-B	d	Carbon Tetrachloride	56-23-5	ug/L	7/22/2020	n/a	2	ND	
MW-B	d	Chlorobenzene	108-90-7	ug/L	7/22/2020	n/a	1	ND	
MW-B	d	Chloroethane	75-00-3	ug/L	7/22/2020	n/a	4	ND	
MW-B	d	Chloroform	67-66-3	ug/L	7/22/2020	n/a	3	ND	
MW-B	d	Chlorodibromomethane	124-48-1	ug/L	7/22/2020	n/a	5	ND	
MW-B	d	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	7/22/2020	n/a	1.2	ND	
MW-B	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	7/22/2020	n/a	0.34	ND	
MW-B	d	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	7/22/2020	n/a	10	ND	
MW-B	d	1,1-Dichloroethane	75-34-3	ug/L	7/22/2020	n/a	1	ND	
MW-B	d	1,2-Dichloroethane	107-06-2	ug/L	7/22/2020	n/a	1	ND	
MW-B	d	1,1-Dichloroethene	75-35-4	ug/L	7/22/2020	n/a	2	ND	
MW-B	d	cis-1,2-Dichloroethene	156-59-2	ug/L	7/22/2020	n/a	1	ND	
MW-B	d	trans-1,2-Dichloroethene	156-60-5	ug/L	7/22/2020	n/a	1	ND	
MW-B	d	1,2-Dichloropropane	78-87-5	ug/L	7/22/2020	n/a	1	ND	
MW-B	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	7/22/2020	n/a	5	ND	
MW-B	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	7/22/2020	n/a	5	ND	
MW-B	d	1,2-Dichlorobenzene	95-50-1	ug/L	7/22/2020	n/a	1	ND	
MW-B	d	1,4-Dichlorobenzene	106-46-7	ug/L	7/22/2020	n/a	1	ND	
MW-B	d	Ethylbenzene	100-41-4	ug/L	7/22/2020	n/a	1	ND	
MW-B	d	2-Hexanone	591-78-6	ug/L	7/22/2020	n/a	10	ND	
MW-B	d	Bromomethane	74-83-9	ug/L	7/22/2020	n/a	4	ND	
MW-B	d	Chloromethane	74-87-3	ug/L	7/22/2020	n/a	3	ND	
MW-B	d	2-Butanone	78-93-3	ug/L	7/22/2020	n/a	10	ND	
MW-B	d	Iodomethane	74-88-4	ug/L	7/22/2020	n/a	10	ND	
MW-B	d	4-Methyl-2-pentanone	108-10-1	ug/L	7/22/2020	n/a	10	ND	
MW-B	d	Methylene Bromide	74-95-3	ug/L	7/22/2020	n/a	1	ND	
MW-B	d	Methylene Chloride	75-09-2	ug/L	7/22/2020	n/a	5	ND	
MW-B	d	Styrene	100-42-5	ug/L	7/22/2020	n/a	1	ND	
MW-B	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	7/22/2020	n/a	1	ND	
MW-B	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	7/22/2020	n/a	1	ND	
MW-B	d	Tetrachloroethene	127-18-4	ug/L	7/22/2020	n/a	1	ND	
MW-B	d	Toluene	108-88-3	ug/L	7/22/2020	n/a	1	ND	
MW-B	d	1,1,1-Trichloroethane	71-55-6	ug/L	7/22/2020	n/a	1	ND	
MW-B	d	1,1,2-Trichloroethane	79-00-5	ug/L	7/22/2020	n/a	1	ND	
MW-B	d	Trichloroethene	79-01-6	ug/L	7/22/2020	n/a	1	ND	
MW-B	d	Trichlorofluoromethane	75-69-4	ug/L	7/22/2020	n/a	4	ND	
MW-B	d	1,2,3-Trichloropropane	96-18-4	ug/L	7/22/2020	n/a	1	ND	
MW-B	d	Vinyl acetate	108-05-4	ug/L	7/22/2020	n/a	10	ND	
MW-B	d	Vinyl chloride	75-01-4	ug/L	7/22/2020	n/a	1	ND	
MW-B	d	Xylenes, total	1330-20-7	ug/L	7/22/2020	n/a	3	ND	
MW-B	d	Total Suspended Solids	TSS	mg/L	7/22/2020	0.638	1.88		4
GU-3	d	Antimony	7440-36-0	mg/L	7/23/2020	n/a	0.001	ND	
GU-3	d	Arsenic	7440-38-2	mg/L	7/23/2020	n/a	0.002	ND	
GU-3	d	Barium	7440-39-3	mg/L	7/23/2020	0.00028	0.002		0.162
GU-3	d	Beryllium	7440-41-7	mg/L	7/23/2020	n/a	0.001	ND	
GU-3	d	Cadmium	7440-43-9	mg/L	7/23/2020	0.000049	0.0001	J	0.00006
GU-3	d	Chromium	7440-47-3	mg/L	7/23/2020	n/a	0.005	ND	
GU-3	d	Cobalt	7440-48-4	mg/L	7/23/2020	0.000091	0.0005		0.00123
GU-3	d	Copper	7440-50-8	mg/L	7/23/2020	n/a	0.005	ND	

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Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
GU-3	d	Lead	7439-92-1	mg/L	7/23/2020	n/a	0.0005	ND	
GU-3	d	Nickel	7440-02-0	mg/L	7/23/2020	0.0019	0.005		0.0172
GU-3	d	Selenium	7782-49-2	mg/L	7/23/2020	0.001	0.005	J	0.00142
GU-3	d	Silver	7440-22-4	mg/L	7/23/2020	n/a	0.001	ND	
GU-3	d	Thallium	7440-28-0	mg/L	7/23/2020	n/a	0.001	ND	
GU-3	d	Vanadium	7440-62-2	mg/L	7/23/2020	n/a	0.005	ND	
GU-3	d	Zinc	7440-66-6	mg/L	7/23/2020	0.1	0.2		11.6
GU-3	d	Acetone	67-64-1	ug/L	7/23/2020	n/a	10	ND	
GU-3	d	Acrylonitrile	107-13-1	ug/L	7/23/2020	n/a	10	ND	
GU-3	d	Benzene	71-43-2	ug/L	7/23/2020	n/a	0.5	ND	
GU-3	d	Bromochloromethane	74-97-5	ug/L	7/23/2020	n/a	5	ND	
GU-3	d	Bromodichloromethane	75-27-4	ug/L	7/23/2020	n/a	1	ND	
GU-3	d	Bromoform	75-25-2	ug/L	7/23/2020	n/a	5	ND	
GU-3	d	Carbon disulfide	75-15-0	ug/L	7/23/2020	n/a	1	ND	
GU-3	d	Carbon Tetrachloride	56-23-5	ug/L	7/23/2020	n/a	2	ND	
GU-3	d	Chlorobenzene	108-90-7	ug/L	7/23/2020	n/a	1	ND	
GU-3	d	Chloroethane	75-00-3	ug/L	7/23/2020	n/a	4	ND	
GU-3	d	Chloroform	67-66-3	ug/L	7/23/2020	n/a	3	ND	
GU-3	d	Chlorodibromomethane	124-48-1	ug/L	7/23/2020	n/a	5	ND	
GU-3	d	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	7/23/2020	n/a	1.2	ND	
GU-3	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	7/23/2020	n/a	0.34	ND	
GU-3	d	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	7/23/2020	n/a	10	ND	
GU-3	d	1,1-Dichloroethane	75-34-3	ug/L	7/23/2020	n/a	1	ND	
GU-3	d	1,2-Dichloroethane	107-06-2	ug/L	7/23/2020	n/a	1	ND	
GU-3	d	1,1-Dichloroethene	75-35-4	ug/L	7/23/2020	n/a	2	ND	
GU-3	d	cis-1,2-Dichloroethene	156-59-2	ug/L	7/23/2020	n/a	1	ND	
GU-3	d	trans-1,2-Dichloroethene	156-60-5	ug/L	7/23/2020	n/a	1	ND	
GU-3	d	1,2-Dichloropropane	78-87-5	ug/L	7/23/2020	n/a	1	ND	
GU-3	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	7/23/2020	n/a	5	ND	
GU-3	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	7/23/2020	n/a	5	ND	
GU-3	d	1,2-Dichlorobenzene	95-50-1	ug/L	7/23/2020	n/a	1	ND	
GU-3	d	1,4-Dichlorobenzene	106-46-7	ug/L	7/23/2020	n/a	1	ND	
GU-3	d	Ethylbenzene	100-41-4	ug/L	7/23/2020	n/a	1	ND	
GU-3	d	2-Hexanone	591-78-6	ug/L	7/23/2020	n/a	10	ND	
GU-3	d	Bromomethane	74-83-9	ug/L	7/23/2020	n/a	4	ND	
GU-3	d	Chloromethane	74-87-3	ug/L	7/23/2020	n/a	3	ND	
GU-3	d	2-Butanone	78-93-3	ug/L	7/23/2020	n/a	10	ND	
GU-3	d	Iodomethane	74-88-4	ug/L	7/23/2020	n/a	10	ND	
GU-3	d	4-Methyl-2-pentanone	108-10-1	ug/L	7/23/2020	n/a	10	ND	
GU-3	d	Methylene Bromide	74-95-3	ug/L	7/23/2020	n/a	1	ND	
GU-3	d	Methylene Chloride	75-09-2	ug/L	7/23/2020	n/a	5	ND	
GU-3	d	Styrene	100-42-5	ug/L	7/23/2020	n/a	1	ND	
GU-3	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	7/23/2020	n/a	1	ND	
GU-3	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	7/23/2020	n/a	1	ND	
GU-3	d	Tetrachloroethene	127-18-4	ug/L	7/23/2020	n/a	1	ND	
GU-3	d	Toluene	108-88-3	ug/L	7/23/2020	n/a	1	ND	
GU-3	d	1,1,1-Trichloroethane	71-55-6	ug/L	7/23/2020	n/a	1	ND	
GU-3	d	1,1,2-Trichloroethane	79-00-5	ug/L	7/23/2020	n/a	1	ND	
GU-3	d	Trichloroethene	79-01-6	ug/L	7/23/2020	n/a	1	ND	
GU-3	d	Trichlorofluoromethane	75-69-4	ug/L	7/23/2020	n/a	4	ND	
GU-3	d	1,2,3-Trichloropropane	96-18-4	ug/L	7/23/2020	n/a	1	ND	
GU-3	d	Vinyl acetate	108-05-4	ug/L	7/23/2020	n/a	10	ND	
GU-3	d	Vinyl chloride	75-01-4	ug/L	7/23/2020	n/a	1	ND	
GU-3	d	Xylenes, total	1330-20-7	ug/L	7/23/2020	n/a	3	ND	
GU-3	d	Total Suspended Solids	TSS	mg/L	7/23/2020	0.638	1.88		2.75
GU-4	d	Antimony	7440-36-0	mg/L	7/23/2020	n/a	0.001	ND	
GU-4	d	Arsenic	7440-38-2	mg/L	7/23/2020	n/a	0.002	ND	
GU-4	d	Barium	7440-39-3	mg/L	7/23/2020	0.00028	0.002		0.0457
GU-4	d	Beryllium	7440-41-7	mg/L	7/23/2020	n/a	0.001	ND	
GU-4	d	Cadmium	7440-43-9	mg/L	7/23/2020	0.000049	0.0001		0.000158
GU-4	d	Chromium	7440-47-3	mg/L	7/23/2020	n/a	0.005	ND	
GU-4	d	Cobalt	7440-48-4	mg/L	7/23/2020	0.000091	0.0005	J	0.000251
GU-4	d	Copper	7440-50-8	mg/L	7/23/2020	n/a	0.005	ND	
GU-4	d	Lead	7439-92-1	mg/L	7/23/2020	0.00011	0.0005	J	0.000272
GU-4	d	Nickel	7440-02-0	mg/L	7/23/2020	n/a	0.005	ND	
GU-4	d	Selenium	7782-49-2	mg/L	7/23/2020	n/a	0.005	ND	
GU-4	d	Silver	7440-22-4	mg/L	7/23/2020	n/a	0.001	ND	
GU-4	d	Thallium	7440-28-0	mg/L	7/23/2020	n/a	0.001	ND	
GU-4	d	Vanadium	7440-62-2	mg/L	7/23/2020	n/a	0.005	ND	
GU-4	d	Zinc	7440-66-6	mg/L	7/23/2020	n/a	0.02	ND	
GU-4	d	Acetone	67-64-1	ug/L	7/23/2020	n/a	10	ND	
GU-4	d	Acrylonitrile	107-13-1	ug/L	7/23/2020	n/a	10	ND	
GU-4	d	Benzene	71-43-2	ug/L	7/23/2020	n/a	0.5	ND	
GU-4	d	Bromochloromethane	74-97-5	ug/L	7/23/2020	n/a	5	ND	
GU-4	d	Bromodichloromethane	75-27-4	ug/L	7/23/2020	n/a	1	ND	

Table 9A
Analytical Data Summary - Phase II MSWLF
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Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
GU-4	d	Bromoform	75-25-2	ug/L	7/23/2020	n/a	5	ND	
GU-4	d	Carbon disulfide	75-15-0	ug/L	7/23/2020	0.45	1	J	0.749
GU-4	d	Carbon Tetrachloride	56-23-5	ug/L	7/23/2020	n/a	2	ND	
GU-4	d	Chlorobenzene	108-90-7	ug/L	7/23/2020	n/a	1	ND	
GU-4	d	Chloroethane	75-00-3	ug/L	7/23/2020	n/a	4	ND	
GU-4	d	Chloroform	67-66-3	ug/L	7/23/2020	n/a	3	ND	
GU-4	d	Chlorodibromomethane	124-48-1	ug/L	7/23/2020	n/a	5	ND	
GU-4	d	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	7/23/2020	n/a	1.2	ND	
GU-4	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	7/23/2020	n/a	0.34	ND	
GU-4	d	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	7/23/2020	n/a	10	ND	
GU-4	d	1,1-Dichloroethane	75-34-3	ug/L	7/23/2020	n/a	1	ND	
GU-4	d	1,2-Dichloroethane	107-06-2	ug/L	7/23/2020	n/a	1	ND	
GU-4	d	1,1-Dichloroethene	75-35-4	ug/L	7/23/2020	n/a	2	ND	
GU-4	d	cis-1,2-Dichloroethene	156-59-2	ug/L	7/23/2020	n/a	1	ND	
GU-4	d	trans-1,2-Dichloroethene	156-60-5	ug/L	7/23/2020	n/a	1	ND	
GU-4	d	1,2-Dichloropropane	78-87-5	ug/L	7/23/2020	n/a	1	ND	
GU-4	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	7/23/2020	n/a	5	ND	
GU-4	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	7/23/2020	n/a	5	ND	
GU-4	d	1,2-Dichlorobenzene	95-50-1	ug/L	7/23/2020	n/a	1	ND	
GU-4	d	1,4-Dichlorobenzene	106-46-7	ug/L	7/23/2020	n/a	1	ND	
GU-4	d	Ethylbenzene	100-41-4	ug/L	7/23/2020	n/a	1	ND	
GU-4	d	2-Hexanone	591-78-6	ug/L	7/23/2020	n/a	10	ND	
GU-4	d	Bromomethane	74-83-9	ug/L	7/23/2020	n/a	4	ND	
GU-4	d	Chloromethane	74-87-3	ug/L	7/23/2020	n/a	3	ND	
GU-4	d	2-Butanone	78-93-3	ug/L	7/23/2020	n/a	10	ND	
GU-4	d	Iodomethane	74-88-4	ug/L	7/23/2020	n/a	10	ND	
GU-4	d	4-Methyl-2-pentanone	108-10-1	ug/L	7/23/2020	n/a	10	ND	
GU-4	d	Methylene Bromide	74-95-3	ug/L	7/23/2020	n/a	1	ND	
GU-4	d	Methylene Chloride	75-09-2	ug/L	7/23/2020	n/a	5	ND	
GU-4	d	Styrene	100-42-5	ug/L	7/23/2020	n/a	1	ND	
GU-4	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	7/23/2020	n/a	1	ND	
GU-4	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	7/23/2020	n/a	1	ND	
GU-4	d	Tetrachloroethene	127-18-4	ug/L	7/23/2020	n/a	1	ND	
GU-4	d	Toluene	108-88-3	ug/L	7/23/2020	n/a	1	ND	
GU-4	d	1,1,1-Trichloroethane	71-55-6	ug/L	7/23/2020	n/a	1	ND	
GU-4	d	1,1,2-Trichloroethane	79-00-5	ug/L	7/23/2020	n/a	1	ND	
GU-4	d	Trichloroethene	79-01-6	ug/L	7/23/2020	n/a	1	ND	
GU-4	d	Trichlorofluoromethane	75-69-4	ug/L	7/23/2020	n/a	4	ND	
GU-4	d	1,2,3-Trichloropropane	96-18-4	ug/L	7/23/2020	n/a	1	ND	
GU-4	d	Vinyl acetate	108-05-4	ug/L	7/23/2020	n/a	10	ND	
GU-4	d	Vinyl chloride	75-01-4	ug/L	7/23/2020	n/a	1	ND	
GU-4	d	Xylenes, total	1330-20-7	ug/L	7/23/2020	n/a	3	ND	
GU-4	d	Total Suspended Solids	TSS	mg/L	7/23/2020	0.638	1.88		8.5
GU-5	d	Antimony	7440-36-0	mg/L	7/23/2020	n/a	0.001	ND	
GU-5	d	Arsenic	7440-38-2	mg/L	7/23/2020	0.00088	0.002		0.0298
GU-5	d	Barium	7440-39-3	mg/L	7/23/2020	0.00028	0.002		0.227
GU-5	d	Beryllium	7440-41-7	mg/L	7/23/2020	n/a	0.001	ND	
GU-5	d	Cadmium	7440-43-9	mg/L	7/23/2020	0.000049	0.0001		0.000185
GU-5	d	Chromium	7440-47-3	mg/L	7/23/2020	n/a	0.005	ND	
GU-5	d	Cobalt	7440-48-4	mg/L	7/23/2020	0.000091	0.0005		0.0113
GU-5	d	Copper	7440-50-8	mg/L	7/23/2020	n/a	0.005	ND	
GU-5	d	Lead	7439-92-1	mg/L	7/23/2020	n/a	0.0005	ND	
GU-5	d	Nickel	7440-02-0	mg/L	7/23/2020	0.0019	0.005		0.0231
GU-5	d	Selenium	7782-49-2	mg/L	7/23/2020	n/a	0.005	ND	
GU-5	d	Silver	7440-22-4	mg/L	7/23/2020	n/a	0.001	ND	
GU-5	d	Thallium	7440-28-0	mg/L	7/23/2020	n/a	0.001	ND	
GU-5	d	Vanadium	7440-62-2	mg/L	7/23/2020	0.00085	0.005	J	0.00124
GU-5	d	Zinc	7440-66-6	mg/L	7/23/2020	0.01	0.02		0.0266
GU-5	d	Acetone	67-64-1	ug/L	7/23/2020	3.1	10	J	3.43
GU-5	d	Acrylonitrile	107-13-1	ug/L	7/23/2020	n/a	10	ND	
GU-5	d	Benzene	71-43-2	ug/L	7/23/2020	n/a	0.5	ND	
GU-5	d	Bromochloromethane	74-97-5	ug/L	7/23/2020	n/a	5	ND	
GU-5	d	Bromodichloromethane	75-27-4	ug/L	7/23/2020	n/a	1	ND	
GU-5	d	Bromoform	75-25-2	ug/L	7/23/2020	n/a	5	ND	
GU-5	d	Carbon disulfide	75-15-0	ug/L	7/23/2020	n/a	1	ND	
GU-5	d	Carbon Tetrachloride	56-23-5	ug/L	7/23/2020	n/a	2	ND	
GU-5	d	Chlorobenzene	108-90-7	ug/L	7/23/2020	n/a	1	ND	
GU-5	d	Chloroethane	75-00-3	ug/L	7/23/2020	n/a	4	ND	
GU-5	d	Chloroform	67-66-3	ug/L	7/23/2020	n/a	3	ND	
GU-5	d	Chlorodibromomethane	124-48-1	ug/L	7/23/2020	n/a	5	ND	
GU-5	d	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	7/23/2020	n/a	1.2	ND	
GU-5	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	7/23/2020	n/a	0.34	ND	
GU-5	d	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	7/23/2020	n/a	10	ND	
GU-5	d	1,1-Dichloroethane	75-34-3	ug/L	7/23/2020	n/a	1	ND	
GU-5	d	1,2-Dichloroethane	107-06-2	ug/L	7/23/2020	n/a	1	ND	

Table 9A
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Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
GU-5	d	1,1-Dichloroethene	75-35-4	ug/L	7/23/2020	n/a	2	ND	
GU-5	d	cis-1,2-Dichloroethene	156-59-2	ug/L	7/23/2020	n/a	1	ND	
GU-5	d	trans-1,2-Dichloroethene	156-60-5	ug/L	7/23/2020	n/a	1	ND	
GU-5	d	1,2-Dichloropropane	78-87-5	ug/L	7/23/2020	n/a	1	ND	
GU-5	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	7/23/2020	n/a	5	ND	
GU-5	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	7/23/2020	n/a	5	ND	
GU-5	d	1,2-Dichlorobenzene	95-50-1	ug/L	7/23/2020	n/a	1	ND	
GU-5	d	1,4-Dichlorobenzene	106-46-7	ug/L	7/23/2020	n/a	1	ND	
GU-5	d	Ethylbenzene	100-41-4	ug/L	7/23/2020	n/a	1	ND	
GU-5	d	2-Hexanone	591-78-6	ug/L	7/23/2020	n/a	10	ND	
GU-5	d	Bromomethane	74-83-9	ug/L	7/23/2020	n/a	4	ND	
GU-5	d	Chloromethane	74-87-3	ug/L	7/23/2020	n/a	3	ND	
GU-5	d	2-Butanone	78-93-3	ug/L	7/23/2020	n/a	10	ND	
GU-5	d	Iodomethane	74-88-4	ug/L	7/23/2020	n/a	10	ND	
GU-5	d	4-Methyl-2-pentanone	108-10-1	ug/L	7/23/2020	n/a	10	ND	
GU-5	d	Methylene Bromide	74-95-3	ug/L	7/23/2020	n/a	1	ND	
GU-5	d	Methylene Chloride	75-09-2	ug/L	7/23/2020	n/a	5	ND	
GU-5	d	Styrene	100-42-5	ug/L	7/23/2020	n/a	1	ND	
GU-5	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	7/23/2020	n/a	1	ND	
GU-5	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	7/23/2020	n/a	1	ND	
GU-5	d	Tetrachloroethene	127-18-4	ug/L	7/23/2020	n/a	1	ND	
GU-5	d	Toluene	108-88-3	ug/L	7/23/2020	n/a	1	ND	
GU-5	d	1,1,1-Trichloroethane	71-55-6	ug/L	7/23/2020	n/a	1	ND	
GU-5	d	1,1,2-Trichloroethane	79-00-5	ug/L	7/23/2020	n/a	1	ND	
GU-5	d	Trichloroethene	79-01-6	ug/L	7/23/2020	n/a	1	ND	
GU-5	d	Trichlorofluoromethane	75-69-4	ug/L	7/23/2020	n/a	4	ND	
GU-5	d	1,2,3-Trichloropropane	96-18-4	ug/L	7/23/2020	n/a	1	ND	
GU-5	d	Vinyl acetate	108-05-4	ug/L	7/23/2020	n/a	10	ND	
GU-5	d	Vinyl chloride	75-01-4	ug/L	7/23/2020	n/a	1	ND	
GU-5	d	Xylenes, total	1330-20-7	ug/L	7/23/2020	n/a	3	ND	
GU-5	d	Total Suspended Solids	TSS	mg/L	7/23/2020	5.1	15		222
MW-26	u	Antimony	7440-36-0	mg/L	7/23/2020	n/a	0.001	ND	
MW-26	u	Arsenic	7440-38-2	mg/L	7/23/2020	n/a	0.002	ND	
MW-26	u	Barium	7440-39-3	mg/L	7/23/2020	0.00028	0.002		0.0522
MW-26	u	Beryllium	7440-41-7	mg/L	7/23/2020	n/a	0.001	ND	
MW-26	u	Cadmium	7440-43-9	mg/L	7/23/2020	n/a	0.0001	ND	
MW-26	u	Chromium	7440-47-3	mg/L	7/23/2020	0.0011	0.005		0.0121
MW-26	u	Cobalt	7440-48-4	mg/L	7/23/2020	n/a	0.0005	ND	
MW-26	u	Copper	7440-50-8	mg/L	7/23/2020	n/a	0.005	ND	
MW-26	u	Lead	7439-92-1	mg/L	7/23/2020	n/a	0.0005	ND	
MW-26	u	Nickel	7440-02-0	mg/L	7/23/2020	n/a	0.005	ND	
MW-26	u	Selenium	7782-49-2	mg/L	7/23/2020	0.001	0.005		0.0409
MW-26	u	Silver	7440-22-4	mg/L	7/23/2020	n/a	0.001	ND	
MW-26	u	Thallium	7440-28-0	mg/L	7/23/2020	n/a	0.001	ND	
MW-26	u	Vanadium	7440-62-2	mg/L	7/23/2020	0.00085	0.005	J	0.00105
MW-26	u	Zinc	7440-66-6	mg/L	7/23/2020	n/a	0.02	ND	
MW-26	u	Acetone	67-64-1	ug/L	7/23/2020	n/a	10	ND	
MW-26	u	Acrylonitrile	107-13-1	ug/L	7/23/2020	n/a	10	ND	
MW-26	u	Benzene	71-43-2	ug/L	7/23/2020	n/a	0.5	ND	
MW-26	u	Bromochloromethane	74-97-5	ug/L	7/23/2020	n/a	5	ND	
MW-26	u	Bromodichloromethane	75-27-4	ug/L	7/23/2020	n/a	1	ND	
MW-26	u	Bromoform	75-25-2	ug/L	7/23/2020	n/a	5	ND	
MW-26	u	Carbon disulfide	75-15-0	ug/L	7/23/2020	n/a	1	ND	
MW-26	u	Carbon Tetrachloride	56-23-5	ug/L	7/23/2020	n/a	2	ND	
MW-26	u	Chlorobenzene	108-90-7	ug/L	7/23/2020	n/a	1	ND	
MW-26	u	Chloroethane	75-00-3	ug/L	7/23/2020	n/a	4	ND	
MW-26	u	Chloroform	67-66-3	ug/L	7/23/2020	n/a	3	ND	
MW-26	u	Chlorodibromomethane	124-48-1	ug/L	7/23/2020	n/a	5	ND	
MW-26	u	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	7/23/2020	n/a	1.2	ND	
MW-26	u	1,2-Dibromoethane [EDB]	106-93-4	ug/L	7/23/2020	n/a	0.34	ND	
MW-26	u	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	7/23/2020	n/a	10	ND	
MW-26	u	1,1-Dichloroethane	75-34-3	ug/L	7/23/2020	n/a	1	ND	
MW-26	u	1,2-Dichloroethane	107-06-2	ug/L	7/23/2020	n/a	1	ND	
MW-26	u	1,1-Dichloroethene	75-35-4	ug/L	7/23/2020	n/a	2	ND	
MW-26	u	cis-1,2-Dichloroethene	156-59-2	ug/L	7/23/2020	n/a	1	ND	
MW-26	u	trans-1,2-Dichloroethene	156-60-5	ug/L	7/23/2020	n/a	1	ND	
MW-26	u	1,2-Dichloropropane	78-87-5	ug/L	7/23/2020	n/a	1	ND	
MW-26	u	cis-1,3-Dichloropropene	10061-01-5	ug/L	7/23/2020	n/a	5	ND	
MW-26	u	trans-1,3-Dichloropropene	10061-02-6	ug/L	7/23/2020	n/a	5	ND	
MW-26	u	1,2-Dichlorobenzene	95-50-1	ug/L	7/23/2020	n/a	1	ND	
MW-26	u	1,4-Dichlorobenzene	106-46-7	ug/L	7/23/2020	n/a	1	ND	
MW-26	u	Ethylbenzene	100-41-4	ug/L	7/23/2020	n/a	1	ND	
MW-26	u	2-Hexanone	591-78-6	ug/L	7/23/2020	n/a	10	ND	
MW-26	u	Bromomethane	74-83-9	ug/L	7/23/2020	n/a	4	ND	
MW-26	u	Chloromethane	74-87-3	ug/L	7/23/2020	n/a	3	ND	

Table 9A
Analytical Data Summary - Phase II MSWLF
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Phase II MSWLF and CWTS
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-26	u	2-Butanone	78-93-3	ug/L	7/23/2020	n/a	10	ND	
MW-26	u	Iodomethane	74-88-4	ug/L	7/23/2020	n/a	10	ND	
MW-26	u	4-Methyl-2-pentanone	108-10-1	ug/L	7/23/2020	n/a	10	ND	
MW-26	u	Methylene Bromide	74-95-3	ug/L	7/23/2020	n/a	1	ND	
MW-26	u	Methylene Chloride	75-09-2	ug/L	7/23/2020	n/a	5	ND	
MW-26	u	Styrene	100-42-5	ug/L	7/23/2020	n/a	1	ND	
MW-26	u	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	7/23/2020	n/a	1	ND	
MW-26	u	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	7/23/2020	n/a	1	ND	
MW-26	u	Tetrachloroethene	127-18-4	ug/L	7/23/2020	n/a	1	ND	
MW-26	u	Toluene	108-88-3	ug/L	7/23/2020	n/a	1	ND	
MW-26	u	1,1,1-Trichloroethane	71-55-6	ug/L	7/23/2020	n/a	1	ND	
MW-26	u	1,1,2-Trichloroethane	79-00-5	ug/L	7/23/2020	n/a	1	ND	
MW-26	u	Trichloroethene	79-01-6	ug/L	7/23/2020	n/a	1	ND	
MW-26	u	Trichlorofluoromethane	75-69-4	ug/L	7/23/2020	n/a	4	ND	
MW-26	u	1,2,3-Trichloropropane	96-18-4	ug/L	7/23/2020	n/a	1	ND	
MW-26	u	Vinyl acetate	108-05-4	ug/L	7/23/2020	n/a	10	ND	
MW-26	u	Vinyl chloride	75-01-4	ug/L	7/23/2020	n/a	1	ND	
MW-26	u	Xylenes, total	1330-20-7	ug/L	7/23/2020	n/a	3	ND	
MW-26	u	Total Suspended Solids	TSS	mg/L	7/23/2020	n/a	1.88	ND	
MW-67	d	Antimony	7440-36-0	mg/L	7/23/2020	n/a	0.001	ND	
MW-67	d	Arsenic	7440-38-2	mg/L	7/23/2020	n/a	0.002	ND	
MW-67	d	Barium	7440-39-3	mg/L	7/23/2020	0.00028	0.002		0.0259
MW-67	d	Beryllium	7440-41-7	mg/L	7/23/2020	n/a	0.001	ND	
MW-67	d	Cadmium	7440-43-9	mg/L	7/23/2020	0.000049	0.0001	J	0.000065
MW-67	d	Chromium	7440-47-3	mg/L	7/23/2020	n/a	0.005	ND	
MW-67	d	Cobalt	7440-48-4	mg/L	7/23/2020	n/a	0.0005	ND	
MW-67	d	Copper	7440-50-8	mg/L	7/23/2020	n/a	0.005	ND	
MW-67	d	Lead	7439-92-1	mg/L	7/23/2020	n/a	0.0005	ND	
MW-67	d	Nickel	7440-02-0	mg/L	7/23/2020	0.0019	0.005	J	0.00343
MW-67	d	Selenium	7782-49-2	mg/L	7/23/2020	n/a	0.005	ND	
MW-67	d	Silver	7440-22-4	mg/L	7/23/2020	n/a	0.001	ND	
MW-67	d	Thallium	7440-28-0	mg/L	7/23/2020	n/a	0.001	ND	
MW-67	d	Vanadium	7440-62-2	mg/L	7/23/2020	n/a	0.005	ND	
MW-67	d	Zinc	7440-66-6	mg/L	7/23/2020	n/a	0.02	ND	
MW-67	d	Acetone	67-64-1	ug/L	7/23/2020	n/a	10	ND	
MW-67	d	Acrylonitrile	107-13-1	ug/L	7/23/2020	n/a	10	ND	
MW-67	d	Benzene	71-43-2	ug/L	7/23/2020	n/a	0.5	ND	
MW-67	d	Bromochloromethane	74-97-5	ug/L	7/23/2020	n/a	5	ND	
MW-67	d	Bromodichloromethane	75-27-4	ug/L	7/23/2020	n/a	1	ND	
MW-67	d	Bromoform	75-25-2	ug/L	7/23/2020	n/a	5	ND	
MW-67	d	Carbon disulfide	75-15-0	ug/L	7/23/2020	n/a	1	ND	
MW-67	d	Carbon Tetrachloride	56-23-5	ug/L	7/23/2020	n/a	2	ND	
MW-67	d	Chlorobenzene	108-90-7	ug/L	7/23/2020	n/a	1	ND	
MW-67	d	Chloroethane	75-00-3	ug/L	7/23/2020	n/a	4	ND	
MW-67	d	Chloroform	67-66-3	ug/L	7/23/2020	n/a	3	ND	
MW-67	d	Chlorodibromomethane	124-48-1	ug/L	7/23/2020	n/a	5	ND	
MW-67	d	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	7/23/2020	n/a	1.2	ND	
MW-67	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	7/23/2020	n/a	0.34	ND	
MW-67	d	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	7/23/2020	n/a	10	ND	
MW-67	d	1,1-Dichloroethane	75-34-3	ug/L	7/23/2020	n/a	1	ND	
MW-67	d	1,2-Dichloroethane	107-06-2	ug/L	7/23/2020	n/a	1	ND	
MW-67	d	1,1-Dichloroethene	75-35-4	ug/L	7/23/2020	n/a	2	ND	
MW-67	d	cis-1,2-Dichloroethene	156-59-2	ug/L	7/23/2020	n/a	1	ND	
MW-67	d	trans-1,2-Dichloroethene	156-60-5	ug/L	7/23/2020	n/a	1	ND	
MW-67	d	1,2-Dichloropropane	78-87-5	ug/L	7/23/2020	n/a	1	ND	
MW-67	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	7/23/2020	n/a	5	ND	
MW-67	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	7/23/2020	n/a	5	ND	
MW-67	d	1,2-Dichlorobenzene	95-50-1	ug/L	7/23/2020	n/a	1	ND	
MW-67	d	1,4-Dichlorobenzene	106-46-7	ug/L	7/23/2020	n/a	1	ND	
MW-67	d	Ethylbenzene	100-41-4	ug/L	7/23/2020	n/a	1	ND	
MW-67	d	2-Hexanone	591-78-6	ug/L	7/23/2020	n/a	10	ND	
MW-67	d	Bromomethane	74-83-9	ug/L	7/23/2020	n/a	4	ND	
MW-67	d	Chloromethane	74-87-3	ug/L	7/23/2020	n/a	3	ND	
MW-67	d	2-Butanone	78-93-3	ug/L	7/23/2020	n/a	10	ND	
MW-67	d	Iodomethane	74-88-4	ug/L	7/23/2020	n/a	10	ND	
MW-67	d	4-Methyl-2-pentanone	108-10-1	ug/L	7/23/2020	n/a	10	ND	
MW-67	d	Methylene Bromide	74-95-3	ug/L	7/23/2020	n/a	1	ND	
MW-67	d	Methylene Chloride	75-09-2	ug/L	7/23/2020	n/a	5	ND	
MW-67	d	Styrene	100-42-5	ug/L	7/23/2020	n/a	1	ND	
MW-67	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	7/23/2020	n/a	1	ND	
MW-67	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	7/23/2020	n/a	1	ND	
MW-67	d	Tetrachloroethene	127-18-4	ug/L	7/23/2020	n/a	1	ND	
MW-67	d	Toluene	108-88-3	ug/L	7/23/2020	n/a	1	ND	
MW-67	d	1,1,1-Trichloroethane	71-55-6	ug/L	7/23/2020	n/a	1	ND	
MW-67	d	1,1,2-Trichloroethane	79-00-5	ug/L	7/23/2020	n/a	1	ND	

Table 9A
Analytical Data Summary - Phase II MSWLF
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Phase II MSWLF and CWTS
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Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-67	d	Trichloroethene	79-01-6	ug/L	7/23/2020	n/a	1	ND	
MW-67	d	Trichlorofluoromethane	75-69-4	ug/L	7/23/2020	n/a	4	ND	
MW-67	d	1,2,3-Trichloropropane	96-18-4	ug/L	7/23/2020	n/a	1	ND	
MW-67	d	Vinyl acetate	108-05-4	ug/L	7/23/2020	n/a	10	ND	
MW-67	d	Vinyl chloride	75-01-4	ug/L	7/23/2020	n/a	1	ND	
MW-67	d	Xylenes, total	1330-20-7	ug/L	7/23/2020	n/a	3	ND	
MW-67	d	Total Suspended Solids	TSS	mg/L	7/23/2020	n/a	1.88	ND	
MW-C	d	Antimony	7440-36-0	mg/L	7/23/2020	n/a	0.001	ND	
MW-C	d	Arsenic	7440-38-2	mg/L	7/23/2020	n/a	0.002	ND	
MW-C	d	Barium	7440-39-3	mg/L	7/23/2020	0.00028	0.002		0.213
MW-C	d	Beryllium	7440-41-7	mg/L	7/23/2020	n/a	0.001	ND	
MW-C	d	Cadmium	7440-43-9	mg/L	7/23/2020	n/a	0.0001	ND	
MW-C	d	Chromium	7440-47-3	mg/L	7/23/2020	0.0011	0.005	J	0.00168
MW-C	d	Cobalt	7440-48-4	mg/L	7/23/2020	n/a	0.0005	ND	
MW-C	d	Copper	7440-50-8	mg/L	7/23/2020	n/a	0.005	ND	
MW-C	d	Lead	7439-92-1	mg/L	7/23/2020	n/a	0.0005	ND	
MW-C	d	Nickel	7440-02-0	mg/L	7/23/2020	n/a	0.005	ND	
MW-C	d	Selenium	7782-49-2	mg/L	7/23/2020	n/a	0.005	ND	
MW-C	d	Silver	7440-22-4	mg/L	7/23/2020	n/a	0.001	ND	
MW-C	d	Thallium	7440-28-0	mg/L	7/23/2020	n/a	0.001	ND	
MW-C	d	Vanadium	7440-62-2	mg/L	7/23/2020	n/a	0.005	ND	
MW-C	d	Zinc	7440-66-6	mg/L	7/23/2020	n/a	0.02	ND	
MW-C	d	Acetone	67-64-1	ug/L	7/23/2020	n/a	10	ND	
MW-C	d	Acrylonitrile	107-13-1	ug/L	7/23/2020	n/a	10	ND	
MW-C	d	Benzene	71-43-2	ug/L	7/23/2020	n/a	0.5	ND	
MW-C	d	Bromochloromethane	74-97-5	ug/L	7/23/2020	n/a	5	ND	
MW-C	d	Bromodichloromethane	75-27-4	ug/L	7/23/2020	n/a	1	ND	
MW-C	d	Bromoform	75-25-2	ug/L	7/23/2020	n/a	5	ND	
MW-C	d	Carbon disulfide	75-15-0	ug/L	7/23/2020	n/a	1	ND	
MW-C	d	Carbon Tetrachloride	56-23-5	ug/L	7/23/2020	n/a	2	ND	
MW-C	d	Chlorobenzene	108-90-7	ug/L	7/23/2020	n/a	1	ND	
MW-C	d	Chloroethane	75-00-3	ug/L	7/23/2020	n/a	4	ND	
MW-C	d	Chloroform	67-66-3	ug/L	7/23/2020	n/a	3	ND	
MW-C	d	Chlorodibromomethane	124-48-1	ug/L	7/23/2020	n/a	5	ND	
MW-C	d	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	7/23/2020	n/a	1.2	ND	
MW-C	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	7/23/2020	n/a	0.34	ND	
MW-C	d	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	7/23/2020	n/a	10	ND	
MW-C	d	1,1-Dichloroethane	75-34-3	ug/L	7/23/2020	n/a	1	ND	
MW-C	d	1,2-Dichloroethane	107-06-2	ug/L	7/23/2020	n/a	1	ND	
MW-C	d	1,1-Dichloroethene	75-35-4	ug/L	7/23/2020	n/a	2	ND	
MW-C	d	cis-1,2-Dichloroethene	156-59-2	ug/L	7/23/2020	n/a	1	ND	
MW-C	d	trans-1,2-Dichloroethene	156-60-5	ug/L	7/23/2020	n/a	1	ND	
MW-C	d	1,2-Dichloropropane	78-87-5	ug/L	7/23/2020	n/a	1	ND	
MW-C	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	7/23/2020	n/a	5	ND	
MW-C	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	7/23/2020	n/a	5	ND	
MW-C	d	1,2-Dichlorobenzene	95-50-1	ug/L	7/23/2020	n/a	1	ND	
MW-C	d	1,4-Dichlorobenzene	106-46-7	ug/L	7/23/2020	n/a	1	ND	
MW-C	d	Ethylbenzene	100-41-4	ug/L	7/23/2020	n/a	1	ND	
MW-C	d	2-Hexanone	591-78-6	ug/L	7/23/2020	n/a	10	ND	
MW-C	d	Bromomethane	74-83-9	ug/L	7/23/2020	n/a	4	ND	
MW-C	d	Chloromethane	74-87-3	ug/L	7/23/2020	n/a	3	ND	
MW-C	d	2-Butanone	78-93-3	ug/L	7/23/2020	n/a	10	ND	
MW-C	d	Iodomethane	74-88-4	ug/L	7/23/2020	n/a	10	ND	
MW-C	d	4-Methyl-2-pentanone	108-10-1	ug/L	7/23/2020	n/a	10	ND	
MW-C	d	Methylene Bromide	74-95-3	ug/L	7/23/2020	n/a	1	ND	
MW-C	d	Methylene Chloride	75-09-2	ug/L	7/23/2020	n/a	5	ND	
MW-C	d	Styrene	100-42-5	ug/L	7/23/2020	n/a	1	ND	
MW-C	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	7/23/2020	n/a	1	ND	
MW-C	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	7/23/2020	n/a	1	ND	
MW-C	d	Tetrachloroethene	127-18-4	ug/L	7/23/2020	n/a	1	ND	
MW-C	d	Toluene	108-88-3	ug/L	7/23/2020	n/a	1	ND	
MW-C	d	1,1,1-Trichloroethane	71-55-6	ug/L	7/23/2020	n/a	1	ND	
MW-C	d	1,1,2-Trichloroethane	79-00-5	ug/L	7/23/2020	n/a	1	ND	
MW-C	d	Trichloroethene	79-01-6	ug/L	7/23/2020	n/a	1	ND	
MW-C	d	Trichlorofluoromethane	75-69-4	ug/L	7/23/2020	n/a	4	ND	
MW-C	d	1,2,3-Trichloropropane	96-18-4	ug/L	7/23/2020	n/a	1	ND	
MW-C	d	Vinyl acetate	108-05-4	ug/L	7/23/2020	n/a	10	ND	
MW-C	d	Vinyl chloride	75-01-4	ug/L	7/23/2020	n/a	1	ND	
MW-C	d	Xylenes, total	1330-20-7	ug/L	7/23/2020	n/a	3	ND	
MW-C	d	Total Suspended Solids	TSS	mg/L	7/23/2020	0.638	1.88	J	1.75
GU-3	d	Zinc	7440-66-6	mg/L	11/12/2020	0.01	0.02		0.195
GU-3	d	Total Suspended Solids	TSS	mg/L	11/12/2020	n/a	5	ND	
MW-26	u	Antimony	7440-36-0	mg/L	3/29/2021	n/a	0.002	ND	
MW-26	u	Arsenic	7440-38-2	mg/L	3/29/2021	n/a	0.002	ND	
MW-26	u	Barium	7440-39-3	mg/L	3/29/2021	0.0003	0.002		0.0549

Table 9A
Analytical Data Summary - Phase II MSWLF
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Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-26	u	Beryllium	7440-41-7	mg/L	3/29/2021	n/a	0.001	ND	
MW-26	u	Cadmium	7440-43-9	mg/L	3/29/2021	n/a	0.0001	ND	
MW-26	u	Chromium	7440-47-3	mg/L	3/29/2021	0.0011	0.005		0.0162
MW-26	u	Cobalt	7440-48-4	mg/L	3/29/2021	0.000091	0.0005	J	0.000136
MW-26	u	Copper	7440-50-8	mg/L	3/29/2021	n/a	0.005	ND	
MW-26	u	Lead	7439-92-1	mg/L	3/29/2021	n/a	0.0005	ND	
MW-26	u	Nickel	7440-02-0	mg/L	3/29/2021	n/a	0.005	ND	
MW-26	u	Selenium	7782-49-2	mg/L	3/29/2021	0.00096	0.005		0.0369
MW-26	u	Silver	7440-22-4	mg/L	3/29/2021	n/a	0.001	ND	
MW-26	u	Thallium	7440-28-0	mg/L	3/29/2021	0.00026	0.001		0.00108
MW-26	u	Vanadium	7440-62-2	mg/L	3/29/2021	n/a	0.005	ND	
MW-26	u	Zinc	7440-66-6	mg/L	3/29/2021	n/a	0.02	ND	
MW-26	u	Acetone	67-64-1	ug/L	3/29/2021	n/a	10	ND	
MW-26	u	Acrylonitrile	107-13-1	ug/L	3/29/2021	n/a	10	ND	
MW-26	u	Benzene	71-43-2	ug/L	3/29/2021	n/a	0.5	ND	
MW-26	u	Bromochloromethane	74-97-5	ug/L	3/29/2021	n/a	5	ND	
MW-26	u	Bromodichloromethane	75-27-4	ug/L	3/29/2021	n/a	1	ND	
MW-26	u	Bromoform	75-25-2	ug/L	3/29/2021	n/a	5	ND	
MW-26	u	Carbon disulfide	75-15-0	ug/L	3/29/2021	n/a	1	ND**	
MW-26	u	Carbon Tetrachloride	56-23-5	ug/L	3/29/2021	n/a	2	ND	
MW-26	u	Chlorobenzene	108-90-7	ug/L	3/29/2021	n/a	1	ND	
MW-26	u	Chloroethane	75-00-3	ug/L	3/29/2021	n/a	4	ND	
MW-26	u	Chloroform	67-66-3	ug/L	3/29/2021	n/a	3	ND	
MW-26	u	Chlorodibromomethane	124-48-1	ug/L	3/29/2021	n/a	5	ND	
MW-26	u	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	3/29/2021	n/a	1.2	ND	
MW-26	u	1,2-Dibromoethane [EDB]	106-93-4	ug/L	3/29/2021	n/a	0.34	ND	
MW-26	u	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	3/29/2021	n/a	10	ND	
MW-26	u	1,1-Dichloroethane	75-34-3	ug/L	3/29/2021	n/a	1	ND	
MW-26	u	1,2-Dichloroethane	107-06-2	ug/L	3/29/2021	n/a	1	ND	
MW-26	u	1,1-Dichloroethene	75-35-4	ug/L	3/29/2021	n/a	2	ND	
MW-26	u	cis-1,2-Dichloroethene	156-59-2	ug/L	3/29/2021	n/a	1	ND	
MW-26	u	trans-1,2-Dichloroethene	156-60-5	ug/L	3/29/2021	n/a	1	ND	
MW-26	u	1,2-Dichloropropane	78-87-5	ug/L	3/29/2021	n/a	1	ND	
MW-26	u	cis-1,3-Dichloropropene	10061-01-5	ug/L	3/29/2021	n/a	5	ND	
MW-26	u	trans-1,3-Dichloropropene	10061-02-6	ug/L	3/29/2021	n/a	5	ND	
MW-26	u	1,2-Dichlorobenzene	95-50-1	ug/L	3/29/2021	n/a	1	ND	
MW-26	u	1,4-Dichlorobenzene	106-46-7	ug/L	3/29/2021	n/a	1	ND	
MW-26	u	Ethylbenzene	100-41-4	ug/L	3/29/2021	n/a	1	ND	
MW-26	u	2-Hexanone	591-78-6	ug/L	3/29/2021	n/a	10	ND	
MW-26	u	Bromomethane	74-83-9	ug/L	3/29/2021	n/a	4	ND	
MW-26	u	Chloromethane	74-87-3	ug/L	3/29/2021	n/a	3	ND	
MW-26	u	2-Butanone	78-93-3	ug/L	3/29/2021	n/a	10	ND	
MW-26	u	Iodomethane	74-88-4	ug/L	3/29/2021	n/a	10	ND	
MW-26	u	4-Methyl-2-pentanone	108-10-1	ug/L	3/29/2021	n/a	10	ND	
MW-26	u	Methylene Bromide	74-95-3	ug/L	3/29/2021	n/a	1	ND	
MW-26	u	Methylene Chloride	75-09-2	ug/L	3/29/2021	n/a	5	ND	
MW-26	u	Styrene	100-42-5	ug/L	3/29/2021	n/a	1	ND	
MW-26	u	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	3/29/2021	n/a	1	ND	
MW-26	u	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	3/29/2021	n/a	1	ND	
MW-26	u	Tetrachloroethene	127-18-4	ug/L	3/29/2021	n/a	1	ND	
MW-26	u	Toluene	108-88-3	ug/L	3/29/2021	n/a	1	ND	
MW-26	u	1,1,1-Trichloroethane	71-55-6	ug/L	3/29/2021	n/a	1	ND	
MW-26	u	1,1,2-Trichloroethane	79-00-5	ug/L	3/29/2021	n/a	1	ND	
MW-26	u	Trichloroethene	79-01-6	ug/L	3/29/2021	n/a	1	ND	
MW-26	u	Trichlorofluoromethane	75-69-4	ug/L	3/29/2021	n/a	4	ND	
MW-26	u	1,2,3-Trichloropropane	96-18-4	ug/L	3/29/2021	n/a	1	ND	
MW-26	u	Vinyl acetate	108-05-4	ug/L	3/29/2021	n/a	10	ND	
MW-26	u	Vinyl chloride	75-01-4	ug/L	3/29/2021	n/a	1	ND	
MW-26	u	Xylenes, total	1330-20-7	ug/L	3/29/2021	n/a	3	ND	
MW-26	u	Total Suspended Solids	TSS	mg/L	3/29/2021	n/a	1.88	ND	
MW-67	d	Antimony	7440-36-0	mg/L	3/29/2021	n/a	0.002	ND	
MW-67	d	Arsenic	7440-38-2	mg/L	3/29/2021	n/a	0.002	ND	
MW-67	d	Barium	7440-39-3	mg/L	3/29/2021	0.0003	0.002		0.027
MW-67	d	Beryllium	7440-41-7	mg/L	3/29/2021	n/a	0.001	ND	
MW-67	d	Cadmium	7440-43-9	mg/L	3/29/2021	n/a	0.0001	ND	
MW-67	d	Chromium	7440-47-3	mg/L	3/29/2021	n/a	0.005	ND	
MW-67	d	Cobalt	7440-48-4	mg/L	3/29/2021	n/a	0.0005	ND	
MW-67	d	Copper	7440-50-8	mg/L	3/29/2021	n/a	0.005	ND	
MW-67	d	Lead	7439-92-1	mg/L	3/29/2021	n/a	0.0005	ND	
MW-67	d	Nickel	7440-02-0	mg/L	3/29/2021	n/a	0.005	ND	
MW-67	d	Selenium	7782-49-2	mg/L	3/29/2021	n/a	0.005	ND	
MW-67	d	Silver	7440-22-4	mg/L	3/29/2021	n/a	0.001	ND	
MW-67	d	Thallium	7440-28-0	mg/L	3/29/2021	n/a	0.001	ND	
MW-67	d	Vanadium	7440-62-2	mg/L	3/29/2021	n/a	0.005	ND	
MW-67	d	Zinc	7440-66-6	mg/L	3/29/2021	n/a	0.02	ND	

Table 9A
Analytical Data Summary - Phase II MSWLF
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Phase II MSWLF and CWTS
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-67	d	Acetone	67-64-1	ug/L	3/29/2021	n/a	10	ND	
MW-67	d	Acrylonitrile	107-13-1	ug/L	3/29/2021	n/a	10	ND	
MW-67	d	Benzene	71-43-2	ug/L	3/29/2021	n/a	0.5	ND	
MW-67	d	Bromochloromethane	74-97-5	ug/L	3/29/2021	n/a	5	ND	
MW-67	d	Bromodichloromethane	75-27-4	ug/L	3/29/2021	n/a	1	ND	
MW-67	d	Bromoform	75-25-2	ug/L	3/29/2021	n/a	5	ND	
MW-67	d	Carbon disulfide	75-15-0	ug/L	3/29/2021	n/a	1	ND**	
MW-67	d	Carbon Tetrachloride	56-23-5	ug/L	3/29/2021	n/a	2	ND	
MW-67	d	Chlorobenzene	108-90-7	ug/L	3/29/2021	n/a	1	ND	
MW-67	d	Chloroethane	75-00-3	ug/L	3/29/2021	n/a	4	ND	
MW-67	d	Chloroform	67-66-3	ug/L	3/29/2021	n/a	3	ND	
MW-67	d	Chlorodibromomethane	124-48-1	ug/L	3/29/2021	n/a	5	ND	
MW-67	d	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	3/29/2021	n/a	1.2	ND	
MW-67	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	3/29/2021	n/a	0.34	ND	
MW-67	d	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	3/29/2021	n/a	10	ND	
MW-67	d	1,1-Dichloroethane	75-34-3	ug/L	3/29/2021	n/a	1	ND	
MW-67	d	1,2-Dichloroethane	107-06-2	ug/L	3/29/2021	n/a	1	ND	
MW-67	d	1,1-Dichloroethene	75-35-4	ug/L	3/29/2021	n/a	2	ND	
MW-67	d	cis-1,2-Dichloroethene	156-59-2	ug/L	3/29/2021	n/a	1	ND	
MW-67	d	trans-1,2-Dichloroethene	156-60-5	ug/L	3/29/2021	n/a	1	ND	
MW-67	d	1,2-Dichloropropane	78-87-5	ug/L	3/29/2021	n/a	1	ND	
MW-67	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	3/29/2021	n/a	5	ND	
MW-67	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	3/29/2021	n/a	5	ND	
MW-67	d	1,2-Dichlorobenzene	95-50-1	ug/L	3/29/2021	n/a	1	ND	
MW-67	d	1,4-Dichlorobenzene	106-46-7	ug/L	3/29/2021	n/a	1	ND	
MW-67	d	Ethylbenzene	100-41-4	ug/L	3/29/2021	n/a	1	ND	
MW-67	d	2-Hexanone	591-78-6	ug/L	3/29/2021	n/a	10	ND	
MW-67	d	Bromomethane	74-83-9	ug/L	3/29/2021	n/a	4	ND	
MW-67	d	Chloromethane	74-87-3	ug/L	3/29/2021	n/a	3	ND	
MW-67	d	2-Butanone	78-93-3	ug/L	3/29/2021	n/a	10	ND	
MW-67	d	Iodomethane	74-88-4	ug/L	3/29/2021	n/a	10	ND	
MW-67	d	4-Methyl-2-pentanone	108-10-1	ug/L	3/29/2021	n/a	10	ND	
MW-67	d	Methylene Bromide	74-95-3	ug/L	3/29/2021	n/a	1	ND	
MW-67	d	Methylene Chloride	75-09-2	ug/L	3/29/2021	n/a	5	ND	
MW-67	d	Styrene	100-42-5	ug/L	3/29/2021	n/a	1	ND	
MW-67	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	3/29/2021	n/a	1	ND	
MW-67	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	3/29/2021	n/a	1	ND	
MW-67	d	Tetrachloroethene	127-18-4	ug/L	3/29/2021	n/a	1	ND	
MW-67	d	Toluene	108-88-3	ug/L	3/29/2021	n/a	1	ND	
MW-67	d	1,1,1-Trichloroethane	71-55-6	ug/L	3/29/2021	n/a	1	ND	
MW-67	d	1,1,2-Trichloroethane	79-00-5	ug/L	3/29/2021	n/a	1	ND	
MW-67	d	Trichloroethene	79-01-6	ug/L	3/29/2021	n/a	1	ND	
MW-67	d	Trichlorofluoromethane	75-69-4	ug/L	3/29/2021	n/a	4	ND	
MW-67	d	1,2,3-Trichloropropane	96-18-4	ug/L	3/29/2021	n/a	1	ND	
MW-67	d	Vinyl acetate	108-05-4	ug/L	3/29/2021	n/a	10	ND	
MW-67	d	Vinyl chloride	75-01-4	ug/L	3/29/2021	n/a	1	ND	
MW-67	d	Xylenes, total	1330-20-7	ug/L	3/29/2021	n/a	3	ND	
MW-67	d	Total Suspended Solids	TSS	mg/L	3/29/2021	n/a	1.88	ND	
GU-3	d	Antimony	7440-36-0	mg/L	3/30/2021	n/a	0.002	ND	
GU-3	d	Arsenic	7440-38-2	mg/L	3/30/2021	0.00075	0.002		0.00758
GU-3	d	Barium	7440-39-3	mg/L	3/30/2021	0.0003	0.002		0.301
GU-3	d	Beryllium	7440-41-7	mg/L	3/30/2021	0.00027	0.001	J	0.000635
GU-3	d	Cadmium	7440-43-9	mg/L	3/30/2021	0.000051	0.0001		0.0028
GU-3	d	Chromium	7440-47-3	mg/L	3/30/2021	0.0011	0.005	J	0.00283
GU-3	d	Cobalt	7440-48-4	mg/L	3/30/2021	0.000091	0.0005		0.032
GU-3	d	Copper	7440-50-8	mg/L	3/30/2021	0.0014	0.005		0.0162
GU-3	d	Lead	7439-92-1	mg/L	3/30/2021	0.00021	0.0005		0.000857
GU-3	d	Nickel	7440-02-0	mg/L	3/30/2021	0.0019	0.005		0.0452
GU-3	d	Selenium	7782-49-2	mg/L	3/30/2021	0.00096	0.005	J	0.00134
GU-3	d	Silver	7440-22-4	mg/L	3/30/2021	n/a	0.001	ND	
GU-3	d	Thallium	7440-28-0	mg/L	3/30/2021	n/a	0.001	ND	
GU-3	d	Vanadium	7440-62-2	mg/L	3/30/2021	0.0011	0.005		0.00921
GU-3	d	Zinc	7440-66-6	mg/L	3/30/2021	0.01	0.02		0.443
GU-3	d	Acetone	67-64-1	ug/L	3/30/2021	n/a	10	ND	
GU-3	d	Acrylonitrile	107-13-1	ug/L	3/30/2021	n/a	10	ND	
GU-3	d	Benzene	71-43-2	ug/L	3/30/2021	n/a	0.5	ND	
GU-3	d	Bromochloromethane	74-97-5	ug/L	3/30/2021	n/a	5	ND	
GU-3	d	Bromodichloromethane	75-27-4	ug/L	3/30/2021	n/a	1	ND	
GU-3	d	Bromoform	75-25-2	ug/L	3/30/2021	n/a	5	ND	
GU-3	d	Carbon disulfide	75-15-0	ug/L	3/30/2021	n/a	1	ND**	
GU-3	d	Carbon Tetrachloride	56-23-5	ug/L	3/30/2021	n/a	2	ND	
GU-3	d	Chlorobenzene	108-90-7	ug/L	3/30/2021	n/a	1	ND	
GU-3	d	Chloroethane	75-00-3	ug/L	3/30/2021	n/a	4	ND	
GU-3	d	Chloroform	67-66-3	ug/L	3/30/2021	n/a	3	ND	
GU-3	d	Chlorodibromomethane	124-48-1	ug/L	3/30/2021	n/a	5	ND	

Table 9A
Analytical Data Summary - Phase II MSWLF
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Phase II MSWLF and CWTS
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
GU-3	d	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	3/30/2021	n/a	1.2	ND	
GU-3	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	3/30/2021	n/a	0.34	ND	
GU-3	d	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	3/30/2021	n/a	10	ND	
GU-3	d	1,1-Dichloroethane	75-34-3	ug/L	3/30/2021	n/a	1	ND	
GU-3	d	1,2-Dichloroethane	107-06-2	ug/L	3/30/2021	n/a	1	ND	
GU-3	d	1,1-Dichloroethene	75-35-4	ug/L	3/30/2021	n/a	2	ND	
GU-3	d	cis-1,2-Dichloroethene	156-59-2	ug/L	3/30/2021	n/a	1	ND	
GU-3	d	trans-1,2-Dichloroethene	156-60-5	ug/L	3/30/2021	n/a	1	ND	
GU-3	d	1,2-Dichloropropane	78-87-5	ug/L	3/30/2021	n/a	1	ND	
GU-3	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	3/30/2021	n/a	5	ND	
GU-3	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	3/30/2021	n/a	5	ND	
GU-3	d	1,2-Dichlorobenzene	95-50-1	ug/L	3/30/2021	n/a	1	ND	
GU-3	d	1,4-Dichlorobenzene	106-46-7	ug/L	3/30/2021	n/a	1	ND	
GU-3	d	Ethylbenzene	100-41-4	ug/L	3/30/2021	n/a	1	ND	
GU-3	d	2-Hexanone	591-78-6	ug/L	3/30/2021	n/a	10	ND	
GU-3	d	Bromomethane	74-83-9	ug/L	3/30/2021	n/a	4	ND	
GU-3	d	Chloromethane	74-87-3	ug/L	3/30/2021	n/a	3	ND	
GU-3	d	2-Butanone	78-93-3	ug/L	3/30/2021	n/a	10	ND	
GU-3	d	Iodomethane	74-88-4	ug/L	3/30/2021	n/a	10	ND	
GU-3	d	4-Methyl-2-pentanone	108-10-1	ug/L	3/30/2021	n/a	10	ND	
GU-3	d	Methylene Bromide	74-95-3	ug/L	3/30/2021	n/a	1	ND	
GU-3	d	Methylene Chloride	75-09-2	ug/L	3/30/2021	n/a	5	ND	
GU-3	d	Styrene	100-42-5	ug/L	3/30/2021	n/a	1	ND	
GU-3	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	3/30/2021	n/a	1	ND	
GU-3	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	3/30/2021	n/a	1	ND	
GU-3	d	Tetrachloroethene	127-18-4	ug/L	3/30/2021	n/a	1	ND	
GU-3	d	Toluene	108-88-3	ug/L	3/30/2021	n/a	1	ND	
GU-3	d	1,1,1-Trichloroethane	71-55-6	ug/L	3/30/2021	n/a	1	ND	
GU-3	d	1,1,2-Trichloroethane	79-00-5	ug/L	3/30/2021	n/a	1	ND	
GU-3	d	Trichloroethene	79-01-6	ug/L	3/30/2021	n/a	1	ND	
GU-3	d	Trichlorofluoromethane	75-69-4	ug/L	3/30/2021	n/a	4	ND	
GU-3	d	1,2,3-Trichloropropane	96-18-4	ug/L	3/30/2021	n/a	1	ND	
GU-3	d	Vinyl acetate	108-05-4	ug/L	3/30/2021	n/a	10	ND	
GU-3	d	Vinyl chloride	75-01-4	ug/L	3/30/2021	n/a	1	ND	
GU-3	d	Xylenes, total	1330-20-7	ug/L	3/30/2021	n/a	3	ND	
GU-3	d	Total Suspended Solids	TSS	mg/L	3/30/2021	20.4	60		3680
GU-4	d	Antimony	7440-36-0	mg/L	3/30/2021	n/a	0.002	ND	
GU-4	d	Arsenic	7440-38-2	mg/L	3/30/2021	n/a	0.002	ND	
GU-4	d	Barium	7440-39-3	mg/L	3/30/2021	0.0003	0.002		0.0448
GU-4	d	Beryllium	7440-41-7	mg/L	3/30/2021	n/a	0.001	ND	
GU-4	d	Cadmium	7440-43-9	mg/L	3/30/2021	0.000051	0.0001		0.000137
GU-4	d	Chromium	7440-47-3	mg/L	3/30/2021	n/a	0.005	ND	
GU-4	d	Cobalt	7440-48-4	mg/L	3/30/2021	0.000091	0.0005	J	0.00023
GU-4	d	Copper	7440-50-8	mg/L	3/30/2021	n/a	0.005	ND	
GU-4	d	Lead	7439-92-1	mg/L	3/30/2021	n/a	0.0005	ND	
GU-4	d	Nickel	7440-02-0	mg/L	3/30/2021	0.0019	0.005		0.00828
GU-4	d	Selenium	7782-49-2	mg/L	3/30/2021	0.00096	0.005	J	0.00109
GU-4	d	Silver	7440-22-4	mg/L	3/30/2021	n/a	0.001	ND	
GU-4	d	Thallium	7440-28-0	mg/L	3/30/2021	n/a	0.001	ND	
GU-4	d	Vanadium	7440-62-2	mg/L	3/30/2021	n/a	0.005	ND	
GU-4	d	Zinc	7440-66-6	mg/L	3/30/2021	n/a	0.02	ND	
GU-4	d	Acetone	67-64-1	ug/L	3/30/2021	n/a	10	ND	
GU-4	d	Acrylonitrile	107-13-1	ug/L	3/30/2021	n/a	10	ND	
GU-4	d	Benzene	71-43-2	ug/L	3/30/2021	n/a	0.5	ND	
GU-4	d	Bromochloromethane	74-97-5	ug/L	3/30/2021	n/a	5	ND	
GU-4	d	Bromodichloromethane	75-27-4	ug/L	3/30/2021	n/a	1	ND	
GU-4	d	Bromoform	75-25-2	ug/L	3/30/2021	n/a	5	ND	
GU-4	d	Carbon disulfide	75-15-0	ug/L	3/30/2021	n/a	1	ND**	
GU-4	d	Carbon Tetrachloride	56-23-5	ug/L	3/30/2021	n/a	2	ND	
GU-4	d	Chlorobenzene	108-90-7	ug/L	3/30/2021	n/a	1	ND	
GU-4	d	Chloroethane	75-00-3	ug/L	3/30/2021	n/a	4	ND	
GU-4	d	Chloroform	67-66-3	ug/L	3/30/2021	n/a	3	ND	
GU-4	d	Chlorodibromomethane	124-48-1	ug/L	3/30/2021	n/a	5	ND	
GU-4	d	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	3/30/2021	n/a	1.2	ND	
GU-4	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	3/30/2021	n/a	0.34	ND	
GU-4	d	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	3/30/2021	n/a	10	ND	
GU-4	d	1,1-Dichloroethane	75-34-3	ug/L	3/30/2021	n/a	1	ND	
GU-4	d	1,2-Dichloroethane	107-06-2	ug/L	3/30/2021	n/a	1	ND	
GU-4	d	1,1-Dichloroethene	75-35-4	ug/L	3/30/2021	n/a	2	ND	
GU-4	d	cis-1,2-Dichloroethene	156-59-2	ug/L	3/30/2021	n/a	1	ND	
GU-4	d	trans-1,2-Dichloroethene	156-60-5	ug/L	3/30/2021	n/a	1	ND	
GU-4	d	1,2-Dichloropropane	78-87-5	ug/L	3/30/2021	n/a	1	ND	
GU-4	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	3/30/2021	n/a	5	ND	
GU-4	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	3/30/2021	n/a	5	ND	
GU-4	d	1,2-Dichlorobenzene	95-50-1	ug/L	3/30/2021	n/a	1	ND	

Table 9A
Analytical Data Summary - Phase II MSWLF
2024 Annual Water Quality Report
Phase II MSWLF and CWTS
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
GU-4	d	1,4-Dichlorobenzene	106-46-7	ug/L	3/30/2021	n/a	1	ND	
GU-4	d	Ethylbenzene	100-41-4	ug/L	3/30/2021	n/a	1	ND	
GU-4	d	2-Hexanone	591-78-6	ug/L	3/30/2021	n/a	10	ND	
GU-4	d	Bromomethane	74-83-9	ug/L	3/30/2021	n/a	4	ND	
GU-4	d	Chloromethane	74-87-3	ug/L	3/30/2021	n/a	3	ND	
GU-4	d	2-Butanone	78-93-3	ug/L	3/30/2021	n/a	10	ND	
GU-4	d	Iodomethane	74-88-4	ug/L	3/30/2021	n/a	10	ND	
GU-4	d	4-Methyl-2-pentanone	108-10-1	ug/L	3/30/2021	n/a	10	ND	
GU-4	d	Methylene Bromide	74-95-3	ug/L	3/30/2021	n/a	1	ND	
GU-4	d	Methylene Chloride	75-09-2	ug/L	3/30/2021	n/a	5	ND	
GU-4	d	Styrene	100-42-5	ug/L	3/30/2021	n/a	1	ND	
GU-4	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	3/30/2021	n/a	1	ND	
GU-4	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	3/30/2021	n/a	1	ND	
GU-4	d	Tetrachloroethene	127-18-4	ug/L	3/30/2021	n/a	1	ND	
GU-4	d	Toluene	108-88-3	ug/L	3/30/2021	n/a	1	ND	
GU-4	d	1,1,1-Trichloroethane	71-55-6	ug/L	3/30/2021	n/a	1	ND	
GU-4	d	1,1,2-Trichloroethane	79-00-5	ug/L	3/30/2021	n/a	1	ND	
GU-4	d	Trichloroethene	79-01-6	ug/L	3/30/2021	n/a	1	ND	
GU-4	d	Trichlorofluoromethane	75-69-4	ug/L	3/30/2021	n/a	4	ND	
GU-4	d	1,2,3-Trichloropropane	96-18-4	ug/L	3/30/2021	n/a	1	ND	
GU-4	d	Vinyl acetate	108-05-4	ug/L	3/30/2021	n/a	10	ND	
GU-4	d	Vinyl chloride	75-01-4	ug/L	3/30/2021	n/a	1	ND	
GU-4	d	Xylenes, total	1330-20-7	ug/L	3/30/2021	n/a	3	ND	
GU-4	d	Total Suspended Solids	TSS	mg/L	3/30/2021	0.638	1.88		6.75
GU-5	d	Antimony	7440-36-0	mg/L	3/30/2021	n/a	0.002	ND	
GU-5	d	Arsenic	7440-38-2	mg/L	3/30/2021	0.00075	0.002		0.0509
GU-5	d	Barium	7440-39-3	mg/L	3/30/2021	0.0003	0.002		0.154
GU-5	d	Beryllium	7440-41-7	mg/L	3/30/2021	n/a	0.001	ND	
GU-5	d	Cadmium	7440-43-9	mg/L	3/30/2021	0.000051	0.0001		0.000151
GU-5	d	Chromium	7440-47-3	mg/L	3/30/2021	0.0011	0.005	J	0.0026
GU-5	d	Cobalt	7440-48-4	mg/L	3/30/2021	0.000091	0.0005		0.0246
GU-5	d	Copper	7440-50-8	mg/L	3/30/2021	0.0014	0.005	J	0.00251
GU-5	d	Lead	7439-92-1	mg/L	3/30/2021	0.00021	0.0005		0.000535
GU-5	d	Nickel	7440-02-0	mg/L	3/30/2021	0.0019	0.005		0.03
GU-5	d	Selenium	7782-49-2	mg/L	3/30/2021	0.00096	0.005	J	0.00103
GU-5	d	Silver	7440-22-4	mg/L	3/30/2021	n/a	0.001	ND	
GU-5	d	Thallium	7440-28-0	mg/L	3/30/2021	n/a	0.001	ND	
GU-5	d	Vanadium	7440-62-2	mg/L	3/30/2021	0.0011	0.005	J	0.00301
GU-5	d	Zinc	7440-66-6	mg/L	3/30/2021	0.01	0.02	J	0.0165
GU-5	d	Acetone	67-64-1	ug/L	3/30/2021	3.1	10	J	4.04
GU-5	d	Acrylonitrile	107-13-1	ug/L	3/30/2021	n/a	10	ND	
GU-5	d	Benzene	71-43-2	ug/L	3/30/2021	n/a	0.5	ND	
GU-5	d	Bromochloromethane	74-97-5	ug/L	3/30/2021	n/a	5	ND	
GU-5	d	Bromodichloromethane	75-27-4	ug/L	3/30/2021	n/a	1	ND	
GU-5	d	Bromoform	75-25-2	ug/L	3/30/2021	n/a	5	ND	
GU-5	d	Carbon disulfide	75-15-0	ug/L	3/30/2021	n/a	1	ND*+	
GU-5	d	Carbon Tetrachloride	56-23-5	ug/L	3/30/2021	n/a	2	ND	
GU-5	d	Chlorobenzene	108-90-7	ug/L	3/30/2021	n/a	1	ND	
GU-5	d	Chloroethane	75-00-3	ug/L	3/30/2021	n/a	4	ND	
GU-5	d	Chloroform	67-66-3	ug/L	3/30/2021	n/a	3	ND	
GU-5	d	Chlorodibromomethane	124-48-1	ug/L	3/30/2021	n/a	5	ND	
GU-5	d	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	3/30/2021	n/a	1.2	ND	
GU-5	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	3/30/2021	n/a	0.34	ND	
GU-5	d	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	3/30/2021	n/a	10	ND	
GU-5	d	1,1-Dichloroethane	75-34-3	ug/L	3/30/2021	n/a	1	ND	
GU-5	d	1,2-Dichloroethane	107-06-2	ug/L	3/30/2021	n/a	1	ND	
GU-5	d	1,1-Dichloroethene	75-35-4	ug/L	3/30/2021	n/a	2	ND	
GU-5	d	cis-1,2-Dichloroethene	156-59-2	ug/L	3/30/2021	n/a	1	ND	
GU-5	d	trans-1,2-Dichloroethene	156-60-5	ug/L	3/30/2021	n/a	1	ND	
GU-5	d	1,2-Dichloropropane	78-87-5	ug/L	3/30/2021	n/a	1	ND	
GU-5	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	3/30/2021	n/a	5	ND	
GU-5	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	3/30/2021	n/a	5	ND	
GU-5	d	1,2-Dichlorobenzene	95-50-1	ug/L	3/30/2021	n/a	1	ND	
GU-5	d	1,4-Dichlorobenzene	106-46-7	ug/L	3/30/2021	n/a	1	ND	
GU-5	d	Ethylbenzene	100-41-4	ug/L	3/30/2021	n/a	1	ND	
GU-5	d	2-Hexanone	591-78-6	ug/L	3/30/2021	n/a	10	ND	
GU-5	d	Bromomethane	74-83-9	ug/L	3/30/2021	n/a	4	ND	
GU-5	d	Chloromethane	74-87-3	ug/L	3/30/2021	n/a	3	ND	
GU-5	d	2-Butanone	78-93-3	ug/L	3/30/2021	n/a	10	ND	
GU-5	d	Iodomethane	74-88-4	ug/L	3/30/2021	n/a	10	ND	
GU-5	d	4-Methyl-2-pentanone	108-10-1	ug/L	3/30/2021	n/a	10	ND	
GU-5	d	Methylene Bromide	74-95-3	ug/L	3/30/2021	n/a	1	ND	
GU-5	d	Methylene Chloride	75-09-2	ug/L	3/30/2021	n/a	5	ND	
GU-5	d	Styrene	100-42-5	ug/L	3/30/2021	n/a	1	ND	
GU-5	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	3/30/2021	n/a	1	ND	

Table 9A
Analytical Data Summary - Phase II MSWLF
2024 Annual Water Quality Report
Phase II MSWLF and CWTS
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
GU-5	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	3/30/2021	n/a	1	ND	
GU-5	d	Tetrachloroethene	127-18-4	ug/L	3/30/2021	n/a	1	ND	
GU-5	d	Toluene	108-88-3	ug/L	3/30/2021	n/a	1	ND	
GU-5	d	1,1,1-Trichloroethane	71-55-6	ug/L	3/30/2021	n/a	1	ND	
GU-5	d	1,1,2-Trichloroethane	79-00-5	ug/L	3/30/2021	n/a	1	ND	
GU-5	d	Trichloroethene	79-01-6	ug/L	3/30/2021	n/a	1	ND	
GU-5	d	Trichlorofluoromethane	75-69-4	ug/L	3/30/2021	n/a	4	ND	
GU-5	d	1,2,3-Trichloropropane	96-18-4	ug/L	3/30/2021	n/a	1	ND	
GU-5	d	Vinyl acetate	108-05-4	ug/L	3/30/2021	n/a	10	ND	
GU-5	d	Vinyl chloride	75-01-4	ug/L	3/30/2021	n/a	1	ND	
GU-5	d	Xylenes, total	1330-20-7	ug/L	3/30/2021	n/a	3	ND	
GU-5	d	Total Suspended Solids	TSS	mg/L	3/30/2021	20.4	60		312
MW-B	d	Antimony	7440-36-0	mg/L	3/30/2021	n/a	0.002	ND	
MW-B	d	Arsenic	7440-38-2	mg/L	3/30/2021	n/a	0.002	ND	
MW-B	d	Barium	7440-39-3	mg/L	3/30/2021	0.0003	0.002		0.0418
MW-B	d	Beryllium	7440-41-7	mg/L	3/30/2021	n/a	0.001	ND	
MW-B	d	Cadmium	7440-43-9	mg/L	3/30/2021	n/a	0.0001	ND	
MW-B	d	Chromium	7440-47-3	mg/L	3/30/2021	n/a	0.005	ND	
MW-B	d	Cobalt	7440-48-4	mg/L	3/30/2021	0.000091	0.0005	J	0.000217
MW-B	d	Copper	7440-50-8	mg/L	3/30/2021	0.0014	0.005	J	0.00195
MW-B	d	Lead	7439-92-1	mg/L	3/30/2021	n/a	0.0005	ND	
MW-B	d	Nickel	7440-02-0	mg/L	3/30/2021	n/a	0.005	ND	
MW-B	d	Selenium	7782-49-2	mg/L	3/30/2021	n/a	0.005	ND	
MW-B	d	Silver	7440-22-4	mg/L	3/30/2021	n/a	0.001	ND	
MW-B	d	Thallium	7440-28-0	mg/L	3/30/2021	n/a	0.001	ND	
MW-B	d	Vanadium	7440-62-2	mg/L	3/30/2021	n/a	0.005	ND	
MW-B	d	Zinc	7440-66-6	mg/L	3/30/2021	n/a	0.02	ND	
MW-B	d	Acetone	67-64-1	ug/L	3/30/2021	n/a	10	ND	
MW-B	d	Acrylonitrile	107-13-1	ug/L	3/30/2021	n/a	10	ND	
MW-B	d	Benzene	71-43-2	ug/L	3/30/2021	n/a	0.5	ND	
MW-B	d	Bromochloromethane	74-97-5	ug/L	3/30/2021	n/a	5	ND	
MW-B	d	Bromodichloromethane	75-27-4	ug/L	3/30/2021	n/a	1	ND	
MW-B	d	Bromoform	75-25-2	ug/L	3/30/2021	n/a	5	ND	
MW-B	d	Carbon disulfide	75-15-0	ug/L	3/30/2021	n/a	1	ND*+	
MW-B	d	Carbon Tetrachloride	56-23-5	ug/L	3/30/2021	n/a	2	ND	
MW-B	d	Chlorobenzene	108-90-7	ug/L	3/30/2021	n/a	1	ND	
MW-B	d	Chloroethane	75-00-3	ug/L	3/30/2021	n/a	4	ND	
MW-B	d	Chloroform	67-66-3	ug/L	3/30/2021	n/a	3	ND	
MW-B	d	Chlorodibromomethane	124-48-1	ug/L	3/30/2021	n/a	5	ND	
MW-B	d	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	3/30/2021	n/a	1.2	ND	
MW-B	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	3/30/2021	n/a	0.34	ND	
MW-B	d	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	3/30/2021	n/a	10	ND	
MW-B	d	1,1-Dichloroethane	75-34-3	ug/L	3/30/2021	n/a	1	ND	
MW-B	d	1,2-Dichloroethane	107-06-2	ug/L	3/30/2021	n/a	1	ND	
MW-B	d	1,1-Dichloroethene	75-35-4	ug/L	3/30/2021	n/a	2	ND	
MW-B	d	cis-1,2-Dichloroethene	156-59-2	ug/L	3/30/2021	n/a	1	ND	
MW-B	d	trans-1,2-Dichloroethene	156-60-5	ug/L	3/30/2021	n/a	1	ND	
MW-B	d	1,2-Dichloropropane	78-87-5	ug/L	3/30/2021	n/a	1	ND	
MW-B	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	3/30/2021	n/a	5	ND	
MW-B	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	3/30/2021	n/a	5	ND	
MW-B	d	1,2-Dichlorobenzene	95-50-1	ug/L	3/30/2021	n/a	1	ND	
MW-B	d	1,4-Dichlorobenzene	106-46-7	ug/L	3/30/2021	n/a	1	ND	
MW-B	d	Ethylbenzene	100-41-4	ug/L	3/30/2021	n/a	1	ND	
MW-B	d	2-Hexanone	591-78-6	ug/L	3/30/2021	n/a	10	ND	
MW-B	d	Bromomethane	74-83-9	ug/L	3/30/2021	n/a	4	ND	
MW-B	d	Chloromethane	74-87-3	ug/L	3/30/2021	n/a	3	ND	
MW-B	d	2-Butanone	78-93-3	ug/L	3/30/2021	n/a	10	ND	
MW-B	d	Iodomethane	74-88-4	ug/L	3/30/2021	n/a	10	ND	
MW-B	d	4-Methyl-2-pentanone	108-10-1	ug/L	3/30/2021	n/a	10	ND	
MW-B	d	Methylene Bromide	74-95-3	ug/L	3/30/2021	n/a	1	ND	
MW-B	d	Methylene Chloride	75-09-2	ug/L	3/30/2021	n/a	5	ND	
MW-B	d	Styrene	100-42-5	ug/L	3/30/2021	n/a	1	ND	
MW-B	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	3/30/2021	n/a	1	ND	
MW-B	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	3/30/2021	n/a	1	ND	
MW-B	d	Tetrachloroethene	127-18-4	ug/L	3/30/2021	n/a	1	ND	
MW-B	d	Toluene	108-88-3	ug/L	3/30/2021	n/a	1	ND	
MW-B	d	1,1,1-Trichloroethane	71-55-6	ug/L	3/30/2021	n/a	1	ND	
MW-B	d	1,1,2-Trichloroethane	79-00-5	ug/L	3/30/2021	n/a	1	ND	
MW-B	d	Trichloroethene	79-01-6	ug/L	3/30/2021	n/a	1	ND	
MW-B	d	Trichlorofluoromethane	75-69-4	ug/L	3/30/2021	n/a	4	ND	
MW-B	d	1,2,3-Trichloropropane	96-18-4	ug/L	3/30/2021	n/a	1	ND	
MW-B	d	Vinyl acetate	108-05-4	ug/L	3/30/2021	n/a	10	ND	
MW-B	d	Vinyl chloride	75-01-4	ug/L	3/30/2021	n/a	1	ND	
MW-B	d	Xylenes, total	1330-20-7	ug/L	3/30/2021	n/a	3	ND	
MW-B	d	Total Suspended Solids	TSS	mg/L	3/30/2021	0.638	1.88		6.5

Table 9A
Analytical Data Summary - Phase II MSWLF
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Phase II MSWLF and CWTS
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-C	d	Antimony	7440-36-0	mg/L	3/30/2021	n/a	0.002	ND	
MW-C	d	Arsenic	7440-38-2	mg/L	3/30/2021	n/a	0.002	ND	
MW-C	d	Barium	7440-39-3	mg/L	3/30/2021	0.0003	0.002		0.199
MW-C	d	Beryllium	7440-41-7	mg/L	3/30/2021	n/a	0.001	ND	
MW-C	d	Cadmium	7440-43-9	mg/L	3/30/2021	n/a	0.0001	ND	
MW-C	d	Chromium	7440-47-3	mg/L	3/30/2021	n/a	0.005	ND	
MW-C	d	Cobalt	7440-48-4	mg/L	3/30/2021	0.000091	0.0005	J	0.00018
MW-C	d	Copper	7440-50-8	mg/L	3/30/2021	0.0014	0.005	J	0.0024
MW-C	d	Lead	7439-92-1	mg/L	3/30/2021	0.00021	0.0005	J	0.000236
MW-C	d	Nickel	7440-02-0	mg/L	3/30/2021	n/a	0.005	ND	
MW-C	d	Selenium	7782-49-2	mg/L	3/30/2021	n/a	0.005	ND	
MW-C	d	Silver	7440-22-4	mg/L	3/30/2021	n/a	0.001	ND	
MW-C	d	Thallium	7440-28-0	mg/L	3/30/2021	n/a	0.001	ND	
MW-C	d	Vanadium	7440-62-2	mg/L	3/30/2021	n/a	0.005	ND	
MW-C	d	Zinc	7440-66-6	mg/L	3/30/2021	n/a	0.02	ND	
MW-C	d	Acetone	67-64-1	ug/L	3/30/2021	n/a	10	ND	
MW-C	d	Acrylonitrile	107-13-1	ug/L	3/30/2021	n/a	10	ND	
MW-C	d	Benzene	71-43-2	ug/L	3/30/2021	n/a	0.5	ND	
MW-C	d	Bromochloromethane	74-97-5	ug/L	3/30/2021	n/a	5	ND	
MW-C	d	Bromodichloromethane	75-27-4	ug/L	3/30/2021	n/a	1	ND	
MW-C	d	Bromoform	75-25-2	ug/L	3/30/2021	n/a	5	ND	
MW-C	d	Carbon disulfide	75-15-0	ug/L	3/30/2021	n/a	1	ND**	
MW-C	d	Carbon Tetrachloride	56-23-5	ug/L	3/30/2021	n/a	2	ND	
MW-C	d	Chlorobenzene	108-90-7	ug/L	3/30/2021	n/a	1	ND	
MW-C	d	Chloroethane	75-00-3	ug/L	3/30/2021	n/a	4	ND	
MW-C	d	Chloroform	67-66-3	ug/L	3/30/2021	n/a	3	ND	
MW-C	d	Chlorodibromomethane	124-48-1	ug/L	3/30/2021	n/a	5	ND	
MW-C	d	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	3/30/2021	n/a	1.2	ND	
MW-C	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	3/30/2021	n/a	0.34	ND	
MW-C	d	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	3/30/2021	n/a	10	ND	
MW-C	d	1,1-Dichloroethane	75-34-3	ug/L	3/30/2021	n/a	1	ND	
MW-C	d	1,2-Dichloroethane	107-06-2	ug/L	3/30/2021	n/a	1	ND	
MW-C	d	1,1-Dichloroethene	75-35-4	ug/L	3/30/2021	n/a	2	ND	
MW-C	d	cis-1,2-Dichloroethene	156-59-2	ug/L	3/30/2021	n/a	1	ND	
MW-C	d	trans-1,2-Dichloroethene	156-60-5	ug/L	3/30/2021	n/a	1	ND	
MW-C	d	1,2-Dichloropropane	78-87-5	ug/L	3/30/2021	n/a	1	ND	
MW-C	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	3/30/2021	n/a	5	ND	
MW-C	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	3/30/2021	n/a	5	ND	
MW-C	d	1,2-Dichlorobenzene	95-50-1	ug/L	3/30/2021	n/a	1	ND	
MW-C	d	1,4-Dichlorobenzene	106-46-7	ug/L	3/30/2021	n/a	1	ND	
MW-C	d	Ethylbenzene	100-41-4	ug/L	3/30/2021	n/a	1	ND	
MW-C	d	2-Hexanone	591-78-6	ug/L	3/30/2021	n/a	10	ND	
MW-C	d	Bromomethane	74-83-9	ug/L	3/30/2021	n/a	4	ND	
MW-C	d	Chloromethane	74-87-3	ug/L	3/30/2021	n/a	3	ND	
MW-C	d	2-Butanone	78-93-3	ug/L	3/30/2021	n/a	10	ND	
MW-C	d	Iodomethane	74-88-4	ug/L	3/30/2021	n/a	10	ND	
MW-C	d	4-Methyl-2-pentanone	108-10-1	ug/L	3/30/2021	n/a	10	ND	
MW-C	d	Methylene Bromide	74-95-3	ug/L	3/30/2021	n/a	1	ND	
MW-C	d	Methylene Chloride	75-09-2	ug/L	3/30/2021	n/a	5	ND	
MW-C	d	Styrene	100-42-5	ug/L	3/30/2021	n/a	1	ND	
MW-C	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	3/30/2021	n/a	1	ND	
MW-C	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	3/30/2021	n/a	1	ND	
MW-C	d	Tetrachloroethene	127-18-4	ug/L	3/30/2021	n/a	1	ND	
MW-C	d	Toluene	108-88-3	ug/L	3/30/2021	n/a	1	ND	
MW-C	d	1,1,1-Trichloroethane	71-55-6	ug/L	3/30/2021	n/a	1	ND	
MW-C	d	1,1,2-Trichloroethane	79-00-5	ug/L	3/30/2021	n/a	1	ND	
MW-C	d	Trichloroethene	79-01-6	ug/L	3/30/2021	n/a	1	ND	
MW-C	d	Trichlorofluoromethane	75-69-4	ug/L	3/30/2021	n/a	4	ND	
MW-C	d	1,2,3-Trichloropropane	96-18-4	ug/L	3/30/2021	n/a	1	ND	
MW-C	d	Vinyl acetate	108-05-4	ug/L	3/30/2021	n/a	10	ND	
MW-C	d	Vinyl chloride	75-01-4	ug/L	3/30/2021	n/a	1	ND	
MW-C	d	Xylenes, total	1330-20-7	ug/L	3/30/2021	n/a	3	ND	
MW-C	d	Total Suspended Solids	TSS	mg/L	3/30/2021	0.638	1.88		7.13
MW-C	d	Antimony	7440-36-0	mg/L	8/26/2021	0.00110	0.00200		<0.00200
MW-C	d	Arsenic	7440-38-2	mg/L	8/26/2021	0.000750	0.00200		<0.00200
MW-C	d	Barium	7440-39-3	mg/L	8/26/2021	0.000300	0.00200		0.36
MW-C	d	Beryllium	7440-41-7	mg/L	8/26/2021	0.000270	0.00100		<0.00100
MW-C	d	Cadmium	7440-43-9	mg/L	8/26/2021	0.0000510	0.000100		<0.000100
MW-C	d	Chromium	7440-47-3	mg/L	8/26/2021	0.00110	0.00500		<0.00500
MW-C	d	Cobalt	7440-48-4	mg/L	8/26/2021	0.0000910	0.000500	J	0.000393
MW-C	d	Copper	7440-50-8	mg/L	8/26/2021	0.00140	0.00500	J	0.00229
MW-C	d	Lead	7439-92-1	mg/L	8/26/2021	0.000210	0.000500	J	0.000331
MW-C	d	Nickel	7440-02-0	mg/L	8/26/2021	0.00190	0.00500		<0.00500
MW-C	d	Selenium	7782-49-2	mg/L	8/26/2021	0.000960	0.00500		<0.00500
MW-C	d	Silver	7440-22-4	mg/L	8/26/2021	0.000420	0.00100		<0.00100

Table 9A
Analytical Data Summary - Phase II MSWLF
2024 Annual Water Quality Report
Phase II MSWLF and CWTS
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-C	d	Thallium	7440-28-0	mg/L	8/26/2021	0.000260	0.00100		<0.00100
MW-C	d	Vanadium	7440-62-2	mg/L	8/26/2021	0.00110	0.00500		<0.00500
MW-C	d	Zinc	7440-66-6	mg/L	8/26/2021	0.0100	0.0200		<0.0200
MW-C	d	Acetone	67-64-1	ug/L	8/26/2021	3.10	10.0		<10.0
MW-C	d	Acrylonitrile	107-13-1	ug/L	8/26/2021	2.20	10.0		<10.0
MW-C	d	Benzene	71-43-2	ug/L	8/26/2021	0.220	0.500		<0.500
MW-C	d	Bromochloromethane	74-97-5	ug/L	8/26/2021	0.540	5.00		<5.00
MW-C	d	Bromodichloromethane	75-27-4	ug/L	8/26/2021	0.390	1.00		<1.00
MW-C	d	Bromoform	75-25-2	ug/L	8/26/2021	0.780	5.00		<5.00
MW-C	d	Bromomethane	74-83-9	ug/L	8/26/2021	1.10	4.00		<4.00
MW-C	d	2-Butanone	78-93-3	ug/L	8/26/2021	2.10	10.0		<10.0
MW-C	d	Carbon Disulfide	75-15-0	ug/L	8/26/2021	0.450	1.00		<1.00
MW-C	d	Carbon Tetrachloride	56-23-5	ug/L	8/26/2021	0.650	2.00		<2.00
MW-C	d	Chlorobenzene	108-90-7	ug/L	8/26/2021	0.400	1.00		<1.00
MW-C	d	Chlorodibromomethane	124-48-1	ug/L	8/26/2021	0.750	5.00		<5.00
MW-C	d	Chloroethane	75-00-3	ug/L	8/26/2021	0.790	4.00		<4.00
MW-C	d	Chloroform	67-66-3	ug/L	8/26/2021	1.30	3.00		<3.00
MW-C	d	Chloromethane	74-87-3	ug/L	8/26/2021	0.610	3.00		<3.00
MW-C	d	cis-1,2-Dichloroethene	156-59-2	ug/L	8/26/2021	0.210	1.00		<1.00
MW-C	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	8/26/2021	0.250	5.00		<5.00
MW-C	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	8/26/2021	1.20	1.20		<1.20
MW-C	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	8/26/2021	0.340	0.340		<0.340
MW-C	d	Methylene Bromide	74-95-3	ug/L	8/26/2021	0.330	1.00		<1.00
MW-C	d	1,2-Dichlorobenzene	95-50-1	ug/L	8/26/2021	0.370	1.00		<1.00
MW-C	d	1,4-Dichlorobenzene	106-46-7	ug/L	8/26/2021	0.230	1.00		<1.00
MW-C	d	Dichlorodifluoromethane	75-71-8	ug/L	8/26/2021	0.250	3.00	*+	<3.00
MW-C	d	1,1-Dichloroethane	75-34-3	ug/L	8/26/2021	0.220	1.00		<1.00
MW-C	d	1,2-Dichloroethane	107-06-2	ug/L	8/26/2021	0.390	1.00		<1.00
MW-C	d	1,1-Dichloroethene	75-35-4	ug/L	8/26/2021	0.560	2.00		<2.00
MW-C	d	1,2-Dichloropropane	78-87-5	ug/L	8/26/2021	0.270	1.00		<1.00
MW-C	d	Ethylbenzene	100-41-4	ug/L	8/26/2021	0.310	1.00		<1.00
MW-C	d	2-Hexanone	591-78-6	ug/L	8/26/2021	2.00	10.0		<10.0
MW-C	d	Iodomethane	74-88-4	ug/L	8/26/2021	7.00	10.0		<10.0
MW-C	d	Methylene Chloride	75-09-2	ug/L	8/26/2021	1.70	5.00		<5.00
MW-C	d	4-Methyl-2-Pentanone	108-10-1	ug/L	8/26/2021	2.10	10.0		<10.0
MW-C	d	Styrene	100-42-5	ug/L	8/26/2021	0.370	1.00		<1.00
MW-C	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	8/26/2021	0.380	1.00		<1.00
MW-C	d	1,1,1,2,2-Tetrachloroethane	79-34-5	ug/L	8/26/2021	0.470	1.00		<1.00
MW-C	d	Tetrachloroethene	127-18-4	ug/L	8/26/2021	0.480	1.00		<1.00
MW-C	d	Toluene	108-88-3	ug/L	8/26/2021	0.430	1.00		<1.00
MW-C	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	8/26/2021	1.10	10.0		<10.0
MW-C	d	trans-1,2-Dichloroethene	156-60-5	ug/L	8/26/2021	0.270	1.00		<1.00
MW-C	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	8/26/2021	0.560	5.00		<5.00
MW-C	d	1,1,1-Trichloroethane	71-55-6	ug/L	8/26/2021	0.190	1.00		<1.00
MW-C	d	1,1,2-Trichloroethane	79-00-5	ug/L	8/26/2021	0.450	1.00		<1.00
MW-C	d	Trichloroethene	79-01-6	ug/L	8/26/2021	0.430	1.00		<1.00
MW-C	d	Trichlorofluoromethane	75-69-4	ug/L	8/26/2021	0.380	4.00		<4.00
MW-C	d	1,2,3-Trichloropropane	96-18-4	ug/L	8/26/2021	0.590	1.00		<1.00
MW-C	d	Vinyl Acetate	108-05-4	ug/L	8/26/2021	2.50	10.0		<10.0
MW-C	d	Vinyl Chloride	75-01-4	ug/L	8/26/2021	0.180	1.00		<1.00
MW-C	d	Xylenes, total	1330-20-7	ug/L	8/26/2021	0.400	3.00		<3.00
MW-C	d	Total Suspended Solids	TSS	mg/L	8/26/2021	1.28	3.75		7
MW-B	d	Antimony	7440-36-0	mg/L	8/26/2021	0.00110	0.00200		<0.00200
MW-B	d	Arsenic	7440-38-2	mg/L	8/26/2021	0.000750	0.00200		<0.00200
MW-B	d	Barium	7440-39-3	mg/L	8/26/2021	0.000300	0.00200		0.0403
MW-B	d	Beryllium	7440-41-7	mg/L	8/26/2021	0.000270	0.00100		<0.00100
MW-B	d	Cadmium	7440-43-9	mg/L	8/26/2021	0.0000510	0.000100	J	0.00008
MW-B	d	Chromium	7440-47-3	mg/L	8/26/2021	0.00110	0.00500		<0.00500
MW-B	d	Cobalt	7440-48-4	mg/L	8/26/2021	0.0000910	0.000500	J	0.000396
MW-B	d	Copper	7440-50-8	mg/L	8/26/2021	0.00140	0.00500	J	0.0022
MW-B	d	Lead	7439-92-1	mg/L	8/26/2021	0.000210	0.000500	J	0.000274
MW-B	d	Nickel	7440-02-0	mg/L	8/26/2021	0.00190	0.00500	J	0.00301
MW-B	d	Selenium	7782-49-2	mg/L	8/26/2021	0.000960	0.00500		<0.00500
MW-B	d	Silver	7440-22-4	mg/L	8/26/2021	0.000420	0.00100		<0.00100
MW-B	d	Thallium	7440-28-0	mg/L	8/26/2021	0.000260	0.00100		<0.00100
MW-B	d	Vanadium	7440-62-2	mg/L	8/26/2021	0.00110	0.00500		<0.00500
MW-B	d	Zinc	7440-66-6	mg/L	8/26/2021	0.0100	0.0200		<0.0200
MW-B	d	Acetone	67-64-1	ug/L	8/26/2021	3.10	10.0		<10.0
MW-B	d	Acrylonitrile	107-13-1	ug/L	8/26/2021	2.20	10.0		<10.0
MW-B	d	Benzene	71-43-2	ug/L	8/26/2021	0.220	0.500		<0.500
MW-B	d	Bromochloromethane	74-97-5	ug/L	8/26/2021	0.540	5.00		<5.00
MW-B	d	Bromodichloromethane	75-27-4	ug/L	8/26/2021	0.390	1.00		<1.00
MW-B	d	Bromoform	75-25-2	ug/L	8/26/2021	0.780	5.00		<5.00
MW-B	d	Bromomethane	74-83-9	ug/L	8/26/2021	1.10	4.00		<4.00
MW-B	d	2-Butanone	78-93-3	ug/L	8/26/2021	2.10	10.0		<10.0

Table 9A
Analytical Data Summary - Phase II MSWLF
2024 Annual Water Quality Report
Phase II MSWLF and CWTS
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-B	d	Carbon Disulfide	75-15-0	ug/L	8/26/2021	0.450	1.00		<1.00
MW-B	d	Carbon Tetrachloride	56-23-5	ug/L	8/26/2021	0.650	2.00		<2.00
MW-B	d	Chlorobenzene	108-90-7	ug/L	8/26/2021	0.400	1.00		<1.00
MW-B	d	Chlorodibromomethane	124-48-1	ug/L	8/26/2021	0.750	5.00		<5.00
MW-B	d	Chloroethane	75-00-3	ug/L	8/26/2021	0.790	4.00		<4.00
MW-B	d	Chloroform	67-66-3	ug/L	8/26/2021	1.30	3.00		<3.00
MW-B	d	Chloromethane	74-87-3	ug/L	8/26/2021	0.610	3.00		<3.00
MW-B	d	cis-1,2-Dichloroethene	156-59-2	ug/L	8/26/2021	0.210	1.00		<1.00
MW-B	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	8/26/2021	0.250	5.00		<5.00
MW-B	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	8/26/2021	1.20	1.20		<1.20
MW-B	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	8/26/2021	0.340	0.340		<0.340
MW-B	d	Methylene Bromide	74-95-3	ug/L	8/26/2021	0.330	1.00		<1.00
MW-B	d	1,2-Dichlorobenzene	95-50-1	ug/L	8/26/2021	0.370	1.00		<1.00
MW-B	d	1,4-Dichlorobenzene	106-46-7	ug/L	8/26/2021	0.230	1.00		<1.00
MW-B	d	Dichlorodifluoromethane	75-71-8	ug/L	8/26/2021	0.250	3.00	*+	<3.00
MW-B	d	1,1-Dichloroethane	75-34-3	ug/L	8/26/2021	0.220	1.00		<1.00
MW-B	d	1,2-Dichloroethane	107-06-2	ug/L	8/26/2021	0.390	1.00		<1.00
MW-B	d	1,1-Dichloroethene	75-35-4	ug/L	8/26/2021	0.560	2.00		<2.00
MW-B	d	1,2-Dichloropropane	78-87-5	ug/L	8/26/2021	0.270	1.00		<1.00
MW-B	d	Ethylbenzene	100-41-4	ug/L	8/26/2021	0.310	1.00		<1.00
MW-B	d	2-Hexanone	591-78-6	ug/L	8/26/2021	2.00	10.0		<10.0
MW-B	d	Iodomethane	74-88-4	ug/L	8/26/2021	7.00	10.0		<10.0
MW-B	d	Methylene Chloride	75-09-2	ug/L	8/26/2021	1.70	5.00		<5.00
MW-B	d	4-Methyl-2-Pentanone	108-10-1	ug/L	8/26/2021	2.10	10.0		<10.0
MW-B	d	Styrene	100-42-5	ug/L	8/26/2021	0.370	1.00		<1.00
MW-B	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	8/26/2021	0.380	1.00		<1.00
MW-B	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	8/26/2021	0.470	1.00		<1.00
MW-B	d	Tetrachloroethene	127-18-4	ug/L	8/26/2021	0.480	1.00		<1.00
MW-B	d	Toluene	108-88-3	ug/L	8/26/2021	0.430	1.00		<1.00
MW-B	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	8/26/2021	1.10	10.0		<10.0
MW-B	d	trans-1,2-Dichloroethene	156-60-5	ug/L	8/26/2021	0.270	1.00		<1.00
MW-B	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	8/26/2021	0.560	5.00		<5.00
MW-B	d	1,1,1-Trichloroethane	71-55-6	ug/L	8/26/2021	0.190	1.00		<1.00
MW-B	d	1,1,2-Trichloroethane	79-00-5	ug/L	8/26/2021	0.450	1.00		<1.00
MW-B	d	Trichloroethene	79-01-6	ug/L	8/26/2021	0.430	1.00		<1.00
MW-B	d	Trichlorofluoromethane	75-69-4	ug/L	8/26/2021	0.380	4.00		<4.00
MW-B	d	1,2,3-Trichloropropane	96-18-4	ug/L	8/26/2021	0.590	1.00		<1.00
MW-B	d	Vinyl Acetate	108-05-4	ug/L	8/26/2021	2.50	10.0		<10.0
MW-B	d	Vinyl Chloride	75-01-4	ug/L	8/26/2021	0.180	1.00		<1.00
MW-B	d	Xylenes, total	1330-20-7	ug/L	8/26/2021	0.400	3.00		<3.00
MW-B	d	Total Suspended Solids	TSS	mg/L	8/26/2021	1.28	3.75		5.5
GU-18	d	Antimony	7440-36-0	mg/L	8/26/2021	0.00110	0.00200		<0.00200
GU-18	d	Arsenic	7440-38-2	mg/L	8/26/2021	0.000750	0.00200		<0.00200
GU-18	d	Barium	7440-39-3	mg/L	8/26/2021	0.000300	0.00200		0.0356
GU-18	d	Beryllium	7440-41-7	mg/L	8/26/2021	0.000270	0.00100		<0.00100
GU-18	d	Cadmium	7440-43-9	mg/L	8/26/2021	0.0000510	0.000100		<0.000100
GU-18	d	Chromium	7440-47-3	mg/L	8/26/2021	0.00110	0.00500		<0.00500
GU-18	d	Cobalt	7440-48-4	mg/L	8/26/2021	0.0000910	0.000500		0.00132
GU-18	d	Copper	7440-50-8	mg/L	8/26/2021	0.00140	0.00500		<0.00500
GU-18	d	Lead	7439-92-1	mg/L	8/26/2021	0.000210	0.000500		<0.000500
GU-18	d	Nickel	7440-02-0	mg/L	8/26/2021	0.00190	0.00500		0.0104
GU-18	d	Selenium	7782-49-2	mg/L	8/26/2021	0.000960	0.00500		<0.00500
GU-18	d	Silver	7440-22-4	mg/L	8/26/2021	0.000420	0.00100		<0.00100
GU-18	d	Thallium	7440-28-0	mg/L	8/26/2021	0.000260	0.00100		<0.00100
GU-18	d	Vanadium	7440-62-2	mg/L	8/26/2021	0.00110	0.00500		<0.00500
GU-18	d	Zinc	7440-66-6	mg/L	8/26/2021	0.0100	0.0200		<0.0200
GU-18	d	Acetone	67-64-1	ug/L	8/26/2021	3.10	10.0		<10.0
GU-18	d	Acrylonitrile	107-13-1	ug/L	8/26/2021	2.20	10.0		<10.0
GU-18	d	Benzene	71-43-2	ug/L	8/26/2021	0.220	0.500		<0.500
GU-18	d	Bromochloromethane	74-97-5	ug/L	8/26/2021	0.540	5.00		<5.00
GU-18	d	Bromodichloromethane	75-27-4	ug/L	8/26/2021	0.390	1.00		<1.00
GU-18	d	Bromoform	75-25-2	ug/L	8/26/2021	0.780	5.00		<5.00
GU-18	d	Bromomethane	74-83-9	ug/L	8/26/2021	1.10	4.00		<4.00
GU-18	d	2-Butanone	78-93-3	ug/L	8/26/2021	2.10	10.0		<10.0
GU-18	d	Carbon Disulfide	75-15-0	ug/L	8/26/2021	0.450	1.00		<1.00
GU-18	d	Carbon Tetrachloride	56-23-5	ug/L	8/26/2021	0.650	2.00		<2.00
GU-18	d	Chlorobenzene	108-90-7	ug/L	8/26/2021	0.400	1.00		<1.00
GU-18	d	Chlorodibromomethane	124-48-1	ug/L	8/26/2021	0.750	5.00		<5.00
GU-18	d	Chloroethane	75-00-3	ug/L	8/26/2021	0.790	4.00		<4.00
GU-18	d	Chloroform	67-66-3	ug/L	8/26/2021	1.30	3.00		<3.00
GU-18	d	Chloromethane	74-87-3	ug/L	8/26/2021	0.610	3.00		<3.00
GU-18	d	cis-1,2-Dichloroethene	156-59-2	ug/L	8/26/2021	0.210	1.00		<1.00
GU-18	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	8/26/2021	0.250	5.00		<5.00
GU-18	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	8/26/2021	1.20	1.20		<1.20
GU-18	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	8/26/2021	0.340	0.340		<0.340

Table 9A
Analytical Data Summary - Phase II MSWLF
2024 Annual Water Quality Report
Phase II MSWLF and CWTS
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
GU-18	d	Methylene Bromide	74-95-3	ug/L	8/26/2021	0.330	1.00		<1.00
GU-18	d	1,2-Dichlorobenzene	95-50-1	ug/L	8/26/2021	0.370	1.00		<1.00
GU-18	d	1,4-Dichlorobenzene	106-46-7	ug/L	8/26/2021	0.230	1.00		<1.00
GU-18	d	Dichlorodifluoromethane	75-71-8	ug/L	8/26/2021	0.250	3.00	*+	<3.00
GU-18	d	1,1-Dichloroethane	75-34-3	ug/L	8/26/2021	0.220	1.00		<1.00
GU-18	d	1,2-Dichloroethane	107-06-2	ug/L	8/26/2021	0.390	1.00		<1.00
GU-18	d	1,1-Dichloroethene	75-35-4	ug/L	8/26/2021	0.560	2.00		<2.00
GU-18	d	1,2-Dichloropropane	78-87-5	ug/L	8/26/2021	0.270	1.00		<1.00
GU-18	d	Ethylbenzene	100-41-4	ug/L	8/26/2021	0.310	1.00		<1.00
GU-18	d	2-Hexanone	591-78-6	ug/L	8/26/2021	2.00	10.0		<10.0
GU-18	d	Iodomethane	74-88-4	ug/L	8/26/2021	7.00	10.0		<10.0
GU-18	d	Methylene Chloride	75-09-2	ug/L	8/26/2021	1.70	5.00		<5.00
GU-18	d	4-Methyl-2-Pentanone	108-10-1	ug/L	8/26/2021	2.10	10.0		<10.0
GU-18	d	Styrene	100-42-5	ug/L	8/26/2021	0.370	1.00		<1.00
GU-18	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	8/26/2021	0.380	1.00		<1.00
GU-18	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	8/26/2021	0.470	1.00		<1.00
GU-18	d	Tetrachloroethene	127-18-4	ug/L	8/26/2021	0.480	1.00		<1.00
GU-18	d	Toluene	108-88-3	ug/L	8/26/2021	0.430	1.00		<1.00
GU-18	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	8/26/2021	1.10	10.0		<10.0
GU-18	d	trans-1,2-Dichloroethene	156-60-5	ug/L	8/26/2021	0.270	1.00		<1.00
GU-18	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	8/26/2021	0.560	5.00		<5.00
GU-18	d	1,1,1-Trichloroethane	71-55-6	ug/L	8/26/2021	0.190	1.00		<1.00
GU-18	d	1,1,2-Trichloroethane	79-00-5	ug/L	8/26/2021	0.450	1.00		<1.00
GU-18	d	Trichloroethene	79-01-6	ug/L	8/26/2021	0.430	1.00		<1.00
GU-18	d	Trichlorofluoromethane	75-69-4	ug/L	8/26/2021	0.380	4.00		<4.00
GU-18	d	1,2,3-Trichloropropane	96-18-4	ug/L	8/26/2021	0.590	1.00		<1.00
GU-18	d	Vinyl Acetate	108-05-4	ug/L	8/26/2021	2.50	10.0		<10.0
GU-18	d	Vinyl Chloride	75-01-4	ug/L	8/26/2021	0.180	1.00		<1.00
GU-18	d	Xylenes, total	1330-20-7	ug/L	8/26/2021	0.400	3.00		<3.00
GU-18	d	Total Suspended Solids	TSS	mg/L	8/26/2021	1.28	3.75		34.3
MW-67	d	Antimony	7440-36-0	mg/L	8/26/2021	0.00110	0.00200		<0.00200
MW-67	d	Arsenic	7440-38-2	mg/L	8/26/2021	0.000750	0.00200	F1	<0.00200
MW-67	d	Barium	7440-39-3	mg/L	8/26/2021	0.000300	0.00200		0.0253
MW-67	d	Beryllium	7440-41-7	mg/L	8/26/2021	0.000270	0.00100		<0.00100
MW-67	d	Cadmium	7440-43-9	mg/L	8/26/2021	0.0000510	0.000100		<0.000100
MW-67	d	Chromium	7440-47-3	mg/L	8/26/2021	0.00110	0.00500		<0.00500
MW-67	d	Cobalt	7440-48-4	mg/L	8/26/2021	0.0000910	0.000500		0.000094
MW-67	d	Copper	7440-50-8	mg/L	8/26/2021	0.00140	0.00500	J	<0.00500
MW-67	d	Lead	7439-92-1	mg/L	8/26/2021	0.000210	0.000500		<0.000500
MW-67	d	Nickel	7440-02-0	mg/L	8/26/2021	0.00190	0.00500		0.00308
MW-67	d	Selenium	7782-49-2	mg/L	8/26/2021	0.000960	0.00500		<0.00500
MW-67	d	Silver	7440-22-4	mg/L	8/26/2021	0.000420	0.00100		<0.00100
MW-67	d	Thallium	7440-28-0	mg/L	8/26/2021	0.000260	0.00100		<0.00100
MW-67	d	Vanadium	7440-62-2	mg/L	8/26/2021	0.00110	0.00500		<0.00500
MW-67	d	Zinc	7440-66-6	mg/L	8/26/2021	0.0100	0.0200		<0.0200
MW-67	d	Acetone	67-64-1	ug/L	8/26/2021	3.10	10.0		<10.0
MW-67	d	Acrylonitrile	107-13-1	ug/L	8/26/2021	2.20	10.0		<10.0
MW-67	d	Benzene	71-43-2	ug/L	8/26/2021	0.220	0.500	J	<0.500
MW-67	d	Bromochloromethane	74-97-5	ug/L	8/26/2021	0.540	5.00		<5.00
MW-67	d	Bromodichloromethane	75-27-4	ug/L	8/26/2021	0.390	1.00		<1.00
MW-67	d	Bromoform	75-25-2	ug/L	8/26/2021	0.780	5.00		<5.00
MW-67	d	Bromomethane	74-83-9	ug/L	8/26/2021	1.10	4.00		<4.00
MW-67	d	2-Butanone	78-93-3	ug/L	8/26/2021	2.10	10.0		<10.0
MW-67	d	Carbon Disulfide	75-15-0	ug/L	8/26/2021	0.450	1.00		<1.00
MW-67	d	Carbon Tetrachloride	56-23-5	ug/L	8/26/2021	0.650	2.00		<2.00
MW-67	d	Chlorobenzene	108-90-7	ug/L	8/26/2021	0.400	1.00		<1.00
MW-67	d	Chlorodibromomethane	124-48-1	ug/L	8/26/2021	0.750	5.00		<5.00
MW-67	d	Chloroethane	75-00-3	ug/L	8/26/2021	0.790	4.00		<4.00
MW-67	d	Chloroform	67-66-3	ug/L	8/26/2021	1.30	3.00		<3.00
MW-67	d	Chloromethane	74-87-3	ug/L	8/26/2021	0.610	3.00		<3.00
MW-67	d	cis-1,2-Dichloroethene	156-59-2	ug/L	8/26/2021	0.210	1.00		<1.00
MW-67	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	8/26/2021	0.250	5.00		<5.00
MW-67	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	8/26/2021	1.20	1.20		<1.20
MW-67	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	8/26/2021	0.340	0.340		<0.340
MW-67	d	Methylene Bromide	74-95-3	ug/L	8/26/2021	0.330	1.00		<1.00
MW-67	d	1,2-Dichlorobenzene	95-50-1	ug/L	8/26/2021	0.370	1.00		<1.00
MW-67	d	1,4-Dichlorobenzene	106-46-7	ug/L	8/26/2021	0.230	1.00		<1.00
MW-67	d	Dichlorodifluoromethane	75-71-8	ug/L	8/26/2021	0.250	3.00		<3.00
MW-67	d	1,1-Dichloroethane	75-34-3	ug/L	8/26/2021	0.220	1.00		<1.00
MW-67	d	1,2-Dichloroethane	107-06-2	ug/L	8/26/2021	0.390	1.00		<1.00
MW-67	d	1,1-Dichloroethene	75-35-4	ug/L	8/26/2021	0.560	2.00		<2.00
MW-67	d	1,2-Dichloropropane	78-87-5	ug/L	8/26/2021	0.270	1.00		<1.00
MW-67	d	Ethylbenzene	100-41-4	ug/L	8/26/2021	0.310	1.00		<1.00
MW-67	d	2-Hexanone	591-78-6	ug/L	8/26/2021	2.00	10.0		<10.0
MW-67	d	Iodomethane	74-88-4	ug/L	8/26/2021	7.00	10.0		<10.0

Table 9A
Analytical Data Summary - Phase II MSWLF
2024 Annual Water Quality Report
Phase II MSWLF and CWTS
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-67	d	Methylene Chloride	75-09-2	ug/L	8/26/2021	1.70	5.00		<5.00
MW-67	d	4-Methyl-2-Pentanone	108-10-1	ug/L	8/26/2021	2.10	10.0		<10.0
MW-67	d	Styrene	100-42-5	ug/L	8/26/2021	0.370	1.00		<1.00
MW-67	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	8/26/2021	0.380	1.00		<1.00
MW-67	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	8/26/2021	0.470	1.00		<1.00
MW-67	d	Tetrachloroethene	127-18-4	ug/L	8/26/2021	0.480	1.00		<1.00
MW-67	d	Toluene	108-88-3	ug/L	8/26/2021	0.430	1.00		<1.00
MW-67	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	8/26/2021	1.10	10.0		<10.0
MW-67	d	trans-1,2-Dichloroethene	156-60-5	ug/L	8/26/2021	0.270	1.00		<1.00
MW-67	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	8/26/2021	0.560	5.00		<5.00
MW-67	d	1,1,1-Trichloroethane	71-55-6	ug/L	8/26/2021	0.190	1.00		<1.00
MW-67	d	1,1,2-Trichloroethane	79-00-5	ug/L	8/26/2021	0.450	1.00		<1.00
MW-67	d	Trichloroethene	79-01-6	ug/L	8/26/2021	0.430	1.00		<1.00
MW-67	d	Trichlorofluoromethane	75-69-4	ug/L	8/26/2021	0.380	4.00		<4.00
MW-67	d	1,2,3-Trichloropropane	96-18-4	ug/L	8/26/2021	0.590	1.00		<1.00
MW-67	d	Vinyl Acetate	108-05-4	ug/L	8/26/2021	2.50	10.0		<10.0
MW-67	d	Vinyl Chloride	75-01-4	ug/L	8/26/2021	0.180	1.00		<1.00
MW-67	d	Xylenes, total	1330-20-7	ug/L	8/26/2021	0.400	3.00		<3.00
MW-67	d	Total Suspended Solids	TSS	mg/L	8/26/2021	0.638	1.88		<1.88
MW-26	u	Antimony	7440-36-0	mg/L	8/27/2021	0.0011	0.002		<0.00200
MW-26	u	Arsenic	7440-38-2	mg/L	8/27/2021	0.00075	0.002		<0.00200
MW-26	u	Barium	7440-39-3	mg/L	8/27/2021	0.0003	0.002		0.0551
MW-26	u	Beryllium	7440-41-7	mg/L	8/27/2021	0.00027	0.001		<0.00100
MW-26	u	Cadmium	7440-43-9	mg/L	8/27/2021	0.000051	0.0001		<0.000100
MW-26	u	Chromium	7440-47-3	mg/L	8/27/2021	0.0011	0.005		0.0123
MW-26	u	Cobalt	7440-48-4	mg/L	8/27/2021	0.000091	0.0005		<0.000500
MW-26	u	Copper	7440-50-8	mg/L	8/27/2021	0.0014	0.005		<0.00500
MW-26	u	Lead	7439-92-1	mg/L	8/27/2021	0.00021	0.0005		<0.000500
MW-26	u	Nickel	7440-02-0	mg/L	8/27/2021	0.0019	0.005		<0.00500
MW-26	u	Selenium	7782-49-2	mg/L	8/27/2021	0.00096	0.005		0.0356
MW-26	u	Silver	7440-22-4	mg/L	8/27/2021	0.00042	0.001		<0.00100
MW-26	u	Thallium	7440-28-0	mg/L	8/27/2021	0.00026	0.001		<0.00100
MW-26	u	Vanadium	7440-62-2	mg/L	8/27/2021	0.0011	0.005		<0.00500
MW-26	u	Zinc	7440-66-6	mg/L	8/27/2021	0.01	0.02		<0.0200
MW-26	u	Acetone	67-64-1	ug/L	8/27/2021	3.1	10		<10.0
MW-26	u	Acrylonitrile	107-13-1	ug/L	8/27/2021	2.2	10		<10.0
MW-26	u	Benzene	71-43-2	ug/L	8/27/2021	0.22	0.5		<0.500
MW-26	u	Bromochloromethane	74-97-5	ug/L	8/27/2021	0.54	5		<5.00
MW-26	u	Bromodichloromethane	75-27-4	ug/L	8/27/2021	0.39	1		<1.00
MW-26	u	Bromoform	75-25-2	ug/L	8/27/2021	0.78	5		<5.00
MW-26	u	Bromomethane	74-83-9	ug/L	8/27/2021	1.1	4		<4.00
MW-26	u	2-Butanone	78-93-3	ug/L	8/27/2021	2.1	10		<10.0
MW-26	u	Carbon Disulfide	75-15-0	ug/L	8/27/2021	0.45	1		<1.00
MW-26	u	Carbon Tetrachloride	56-23-5	ug/L	8/27/2021	0.65	2		<2.00
MW-26	u	Chlorobenzene	108-90-7	ug/L	8/27/2021	0.4	1		<1.00
MW-26	u	Chlorodibromomethane	124-48-1	ug/L	8/27/2021	0.75	5		<5.00
MW-26	u	Chloroethane	75-00-3	ug/L	8/27/2021	0.79	4		<4.00
MW-26	u	Chloroform	67-66-3	ug/L	8/27/2021	1.3	3		<3.00
MW-26	u	Chloromethane	74-87-3	ug/L	8/27/2021	0.61	3		<3.00
MW-26	u	cis-1,2-Dichloroethene	156-59-2	ug/L	8/27/2021	0.21	1		<1.00
MW-26	u	cis-1,3-Dichloropropene	10061-01-5	ug/L	8/27/2021	0.25	5		<5.00
MW-26	u	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	8/27/2021	1.2	1.2		<1.20
MW-26	u	1,2-Dibromoethane [EDB]	106-93-4	ug/L	8/27/2021	0.34	0.34		<0.340
MW-26	u	Methylene Bromide	74-95-3	ug/L	8/27/2021	0.33	1		<1.00
MW-26	u	1,2-Dichlorobenzene	95-50-1	ug/L	8/27/2021	0.37	1		<1.00
MW-26	u	1,4-Dichlorobenzene	106-46-7	ug/L	8/27/2021	0.23	1		<1.00
MW-26	u	1,1-Dichloroethane	75-34-3	ug/L	8/27/2021	0.22	1		<1.00
MW-26	u	1,2-Dichloroethane	107-06-2	ug/L	8/27/2021	0.39	1		<1.00
MW-26	u	1,1-Dichloroethene	75-35-4	ug/L	8/27/2021	0.56	2		<2.00
MW-26	u	1,2-Dichloropropane	78-87-5	ug/L	8/27/2021	0.27	1		<1.00
MW-26	u	Ethylbenzene	100-41-4	ug/L	8/27/2021	0.31	1		<1.00
MW-26	u	2-Hexanone	591-78-6	ug/L	8/27/2021	2	10		<10.0
MW-26	u	Iodomethane	74-88-4	ug/L	8/27/2021	7	10		<10.0
MW-26	u	Methylene Chloride	75-09-2	ug/L	8/27/2021	1.7	5		<5.00
MW-26	u	4-Methyl-2-Pentanone	108-10-1	ug/L	8/27/2021	2.1	10		<10.0
MW-26	u	Styrene	100-42-5	ug/L	8/27/2021	0.37	1		<1.00
MW-26	u	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	8/27/2021	0.38	1		<1.00
MW-26	u	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	8/27/2021	0.47	1		<1.00
MW-26	u	Tetrachloroethene	127-18-4	ug/L	8/27/2021	0.48	1		<1.00
MW-26	u	Toluene	108-88-3	ug/L	8/27/2021	0.43	1		<1.00
MW-26	u	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	8/27/2021	1.1	10		<10.0
MW-26	u	trans-1,2-Dichloroethene	156-60-5	ug/L	8/27/2021	0.27	1		<1.00
MW-26	u	trans-1,3-Dichloropropene	10061-02-6	ug/L	8/27/2021	0.56	5		<5.00
MW-26	u	1,1,1-Trichloroethane	71-55-6	ug/L	8/27/2021	0.19	1		<1.00
MW-26	u	1,1,2-Trichloroethane	79-00-5	ug/L	8/27/2021	0.45	1		<1.00

Table 9A
Analytical Data Summary - Phase II MSWLF
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Phase II MSWLF and CWTS
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-26	u	Trichloroethene	79-01-6	ug/L	8/27/2021	0.43	1		<1.00
MW-26	u	Trichlorofluoromethane	75-69-4	ug/L	8/27/2021	0.38	4		<4.00
MW-26	u	1,2,3-Trichloropropane	96-18-4	ug/L	8/27/2021	0.59	1		<1.00
MW-26	u	Vinyl Acetate	108-05-4	ug/L	8/27/2021	2.5	10		<10.0
MW-26	u	Vinyl Chloride	75-01-4	ug/L	8/27/2021	0.18	1		<1.00
MW-26	u	Xylenes, total	1330-20-7	ug/L	8/27/2021	0.4	3		<3.00
MW-26	u	Total Suspended Solids	TSS	mg/L	8/27/2021	0.638	1.88	J	1.13
GU-3	d	Antimony	7440-36-0	mg/L	9/8/2021	0.0011	0.002		<0.00200
GU-3	d	Arsenic	7440-38-2	mg/L	9/8/2021	0.00075	0.002		0.00262
GU-3	d	Barium	7440-39-3	mg/L	9/8/2021	0.00037	0.002		0.294
GU-3	d	Beryllium	7440-41-7	mg/L	9/8/2021	0.00027	0.001		0.00103
GU-3	d	Cadmium	7440-43-9	mg/L	9/8/2021	0.000051	0.0001		0.00708
GU-3	d	Chromium	7440-47-3	mg/L	9/8/2021	0.0011	0.005		0.0142
GU-3	d	Cobalt	7440-48-4	mg/L	9/8/2021	0.00019	0.0005		0.014
GU-3	d	Copper	7440-50-8	mg/L	9/8/2021	0.0014	0.005		0.0282
GU-3	d	Lead	7439-92-1	mg/L	9/8/2021	0.00021	0.0005		0.000629
GU-3	d	Nickel	7440-02-0	mg/L	9/8/2021	0.0019	0.005		0.0343
GU-3	d	Selenium	7782-49-2	mg/L	9/8/2021	0.00096	0.005		0.00198
GU-3	d	Silver	7440-22-4	mg/L	9/8/2021	0.00042	0.001		<0.00100
GU-3	d	Thallium	7440-28-0	mg/L	9/8/2021	0.00026	0.001		<0.00100
GU-3	d	Vanadium	7440-62-2	mg/L	9/8/2021	0.0011	0.005		<0.00500
GU-3	d	Zinc	7440-66-6	mg/L	9/8/2021	0.01	0.02		0.752
GU-3	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	9/8/2021	0.38	1		<1.00
GU-3	d	1,1,1-Trichloroethane	71-55-6	ug/L	9/8/2021	0.19	1		<1.00
GU-3	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	9/8/2021	0.47	1		<1.00
GU-3	d	1,1,2-Trichloroethane	79-00-5	ug/L	9/8/2021	0.45	1		<1.00
GU-3	d	1,1-Dichloroethane	75-34-3	ug/L	9/8/2021	0.22	1		<1.00
GU-3	d	1,1-Dichloroethene	75-35-4	ug/L	9/8/2021	0.56	2		<2.00
GU-3	d	1,2,3-Trichloropropane	96-18-4	ug/L	9/8/2021	0.59	1		<1.00
GU-3	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	9/8/2021	1.2	5		<5.00
GU-3	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	9/8/2021	0.34	1		<1.00
GU-3	d	1,2-Dichlorobenzene	95-50-1	ug/L	9/8/2021	0.37	1		<1.00
GU-3	d	1,2-Dichloroethane	107-06-2	ug/L	9/8/2021	0.39	1		<1.00
GU-3	d	1,2-Dichloropropane	78-87-5	ug/L	9/8/2021	0.27	1		<1.00
GU-3	d	1,4-Dichlorobenzene	106-46-7	ug/L	9/8/2021	0.23	1		<1.00
GU-3	d	2-Butanone	78-93-3	ug/L	9/8/2021	2.1	10		<10.0
GU-3	d	2-Hexanone	591-78-6	ug/L	9/8/2021	2	10		<10.0
GU-3	d	4-Methyl-2-Pentanone	108-10-1	ug/L	9/8/2021	2.1	10		<10.0
GU-3	d	Acetone	67-64-1	ug/L	9/8/2021	3.1	10	J	5.76
GU-3	d	Acrylonitrile	107-13-1	ug/L	9/8/2021	2.2	5		<5.00
GU-3	d	Benzene	71-43-2	ug/L	9/8/2021	0.22	0.5		<0.500
GU-3	d	Bromochloromethane	74-97-5	ug/L	9/8/2021	0.54	5		<5.00
GU-3	d	Bromodichloromethane	75-27-4	ug/L	9/8/2021	0.39	1		<1.00
GU-3	d	Bromoform	75-25-2	ug/L	9/8/2021	0.78	5		<5.00
GU-3	d	Bromomethane	74-83-9	ug/L	9/8/2021	1.1	4		<4.00
GU-3	d	Carbon Disulfide	75-15-0	ug/L	9/8/2021	0.45	1		<1.00
GU-3	d	Carbon Tetrachloride	56-23-5	ug/L	9/8/2021	0.65	2		<2.00
GU-3	d	Chlorobenzene	108-90-7	ug/L	9/8/2021	0.4	1		<1.00
GU-3	d	Chlorodibromomethane	124-48-1	ug/L	9/8/2021	0.75	5		<5.00
GU-3	d	Chloroethane	75-00-3	ug/L	9/8/2021	0.79	4		<4.00
GU-3	d	Chloroform	67-66-3	ug/L	9/8/2021	1.3	3		<3.00
GU-3	d	Chloromethane	74-87-3	ug/L	9/8/2021	0.61	3		<3.00
GU-3	d	cis-1,2-Dichloroethene	156-59-2	ug/L	9/8/2021	0.21	1		<1.00
GU-3	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	9/8/2021	0.25	5		<5.00
GU-3	d	Methylene Bromide	74-95-3	ug/L	9/8/2021	0.33	1		<1.00
GU-3	d	Ethylbenzene	100-41-4	ug/L	9/8/2021	0.31	1		<1.00
GU-3	d	Iodomethane	74-88-4	ug/L	9/8/2021	7	10		<10.0
GU-3	d	Methylene Chloride	75-09-2	ug/L	9/8/2021	1.7	5		<5.00
GU-3	d	Styrene	100-42-5	ug/L	9/8/2021	0.37	1		<1.00
GU-3	d	Tetrachloroethene	127-18-4	ug/L	9/8/2021	0.48	1		<1.00
GU-3	d	Toluene	108-88-3	ug/L	9/8/2021	0.43	1		<1.00
GU-3	d	trans-1,2-Dichloroethene	156-60-5	ug/L	9/8/2021	0.27	1		<1.00
GU-3	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	9/8/2021	0.56	5		<5.00
GU-3	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	9/8/2021	1.1	10		<10.0
GU-3	d	Trichloroethene	79-01-6	ug/L	9/8/2021	0.43	1		<1.00
GU-3	d	Trichlorofluoromethane	75-69-4	ug/L	9/8/2021	0.38	4		<4.00
GU-3	d	Vinyl Acetate	108-05-4	ug/L	9/8/2021	2.5	10		<10.0
GU-3	d	Vinyl Chloride	75-01-4	ug/L	9/8/2021	0.18	1		<1.00
GU-3	d	Xylenes, total	1330-20-7	ug/L	9/8/2021	0.4	3		<3.00
GU-3	d	Total Suspended Solids	TSS	mg/L	9/8/2021	2.55	7.5		875
GU-4	d	Antimony	7440-36-0	mg/L	9/8/2021	0.0011	0.002		<0.00200
GU-4	d	Arsenic	7440-38-2	mg/L	9/8/2021	0.00075	0.002		<0.00200
GU-4	d	Barium	7440-39-3	mg/L	9/8/2021	0.00037	0.002		0.0426
GU-4	d	Beryllium	7440-41-7	mg/L	9/8/2021	0.00027	0.001		<0.00100
GU-4	d	Cadmium	7440-43-9	mg/L	9/8/2021	0.000051	0.0001	J	0.000083

Table 9A
Analytical Data Summary - Phase II MSWLF
2024 Annual Water Quality Report
Phase II MSWLF and CWTS
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
GU-4	d	Chromium	7440-47-3	mg/L	9/8/2021	0.0011	0.005		<0.00500
GU-4	d	Cobalt	7440-48-4	mg/L	9/8/2021	0.00019	0.0005	J	0.00023
GU-4	d	Copper	7440-50-8	mg/L	9/8/2021	0.0014	0.005		<0.00500
GU-4	d	Lead	7439-92-1	mg/L	9/8/2021	0.00021	0.0005		<0.000500
GU-4	d	Nickel	7440-02-0	mg/L	9/8/2021	0.0019	0.005	J	0.00348
GU-4	d	Selenium	7782-49-2	mg/L	9/8/2021	0.00096	0.005	J	0.00106
GU-4	d	Silver	7440-22-4	mg/L	9/8/2021	0.00042	0.001		<0.00100
GU-4	d	Thallium	7440-28-0	mg/L	9/8/2021	0.00026	0.001		<0.00100
GU-4	d	Vanadium	7440-62-2	mg/L	9/8/2021	0.0011	0.005		<0.00500
GU-4	d	Zinc	7440-66-6	mg/L	9/8/2021	0.01	0.02		<0.0200
GU-4	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	9/8/2021	0.38	1		<1.00
GU-4	d	1,1,1-Trichloroethane	71-55-6	ug/L	9/8/2021	0.19	1		<1.00
GU-4	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	9/8/2021	0.47	1		<1.00
GU-4	d	1,1,2-Trichloroethane	79-00-5	ug/L	9/8/2021	0.45	1		<1.00
GU-4	d	1,1-Dichloroethane	75-34-3	ug/L	9/8/2021	0.22	1		<1.00
GU-4	d	1,1-Dichloroethene	75-35-4	ug/L	9/8/2021	0.56	2		<2.00
GU-4	d	1,2,3-Trichloropropane	96-18-4	ug/L	9/8/2021	0.59	1		<1.00
GU-4	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	9/8/2021	1.2	5		<5.00
GU-4	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	9/8/2021	0.34	1		<1.00
GU-4	d	1,2-Dichlorobenzene	95-50-1	ug/L	9/8/2021	0.37	1		<1.00
GU-4	d	1,2-Dichloroethane	107-06-2	ug/L	9/8/2021	0.39	1		<1.00
GU-4	d	1,2-Dichloropropane	78-87-5	ug/L	9/8/2021	0.27	1		<1.00
GU-4	d	1,4-Dichlorobenzene	106-46-7	ug/L	9/8/2021	0.23	1		<1.00
GU-4	d	2-Butanone	78-93-3	ug/L	9/8/2021	2.1	10		<10.0
GU-4	d	2-Hexanone	591-78-6	ug/L	9/8/2021	2	10		<10.0
GU-4	d	4-Methyl-2-Pentanone	108-10-1	ug/L	9/8/2021	2.1	10		<10.0
GU-4	d	Acetone	67-64-1	ug/L	9/8/2021	3.1	10		<10.0
GU-4	d	Acrylonitrile	107-13-1	ug/L	9/8/2021	2.2	5		<5.00
GU-4	d	Benzene	71-43-2	ug/L	9/8/2021	0.22	0.5		<0.500
GU-4	d	Bromochloromethane	74-97-5	ug/L	9/8/2021	0.54	5		<5.00
GU-4	d	Bromodichloromethane	75-27-4	ug/L	9/8/2021	0.39	1		<1.00
GU-4	d	Bromoform	75-25-2	ug/L	9/8/2021	0.78	5		<5.00
GU-4	d	Bromomethane	74-83-9	ug/L	9/8/2021	1.1	4		<4.00
GU-4	d	Carbon Disulfide	75-15-0	ug/L	9/8/2021	0.45	1		<1.00
GU-4	d	Carbon Tetrachloride	56-23-5	ug/L	9/8/2021	0.65	2		<2.00
GU-4	d	Chlorobenzene	108-90-7	ug/L	9/8/2021	0.4	1		<1.00
GU-4	d	Chlorodibromomethane	124-48-1	ug/L	9/8/2021	0.75	5		<5.00
GU-4	d	Chloroethane	75-00-3	ug/L	9/8/2021	0.79	4		<4.00
GU-4	d	Chloroform	67-66-3	ug/L	9/8/2021	1.3	3		<3.00
GU-4	d	Chloromethane	74-87-3	ug/L	9/8/2021	0.61	3		<3.00
GU-4	d	cis-1,2-Dichloroethene	156-59-2	ug/L	9/8/2021	0.21	1		<1.00
GU-4	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	9/8/2021	0.25	5		<5.00
GU-4	d	Methylene Bromide	74-95-3	ug/L	9/8/2021	0.33	1		<1.00
GU-4	d	Ethylbenzene	100-41-4	ug/L	9/8/2021	0.31	1		<1.00
GU-4	d	Iodomethane	74-88-4	ug/L	9/8/2021	7	10		<10.0
GU-4	d	Methylene Chloride	75-09-2	ug/L	9/8/2021	1.7	5		<5.00
GU-4	d	Styrene	100-42-5	ug/L	9/8/2021	0.37	1		<1.00
GU-4	d	Tetrachloroethene	127-18-4	ug/L	9/8/2021	0.48	1		<1.00
GU-4	d	Toluene	108-88-3	ug/L	9/8/2021	0.43	1		<1.00
GU-4	d	trans-1,2-Dichloroethene	156-60-5	ug/L	9/8/2021	0.27	1		<1.00
GU-4	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	9/8/2021	0.56	5		<5.00
GU-4	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	9/8/2021	1.1	10		<10.0
GU-4	d	Trichloroethene	79-01-6	ug/L	9/8/2021	0.43	1		<1.00
GU-4	d	Trichlorofluoromethane	75-69-4	ug/L	9/8/2021	0.38	4		<4.00
GU-4	d	Vinyl Acetate	108-05-4	ug/L	9/8/2021	2.5	10		<10.0
GU-4	d	Vinyl Chloride	75-01-4	ug/L	9/8/2021	0.18	1		<1.00
GU-4	d	Xylenes, total	1330-20-7	ug/L	9/8/2021	0.4	3		<3.00
GU-4	d	Total Suspended Solids	TSS	mg/L	9/8/2021	0.638	1.88		1.88
GU-5	d	Antimony	7440-36-0	mg/L	9/8/2021	0.0011	0.002		<0.00200
GU-5	d	Arsenic	7440-38-2	mg/L	9/8/2021	0.00075	0.002		<0.00200
GU-5	d	Barium	7440-39-3	mg/L	9/8/2021	0.00037	0.002		0.063
GU-5	d	Beryllium	7440-41-7	mg/L	9/8/2021	0.00027	0.001		<0.00100
GU-5	d	Cadmium	7440-43-9	mg/L	9/8/2021	0.000051	0.0001		0.000236
GU-5	d	Chromium	7440-47-3	mg/L	9/8/2021	0.0011	0.005		<0.00500
GU-5	d	Cobalt	7440-48-4	mg/L	9/8/2021	0.00019	0.0005		0.000702
GU-5	d	Copper	7440-50-8	mg/L	9/8/2021	0.0014	0.005	J	0.00233
GU-5	d	Lead	7439-92-1	mg/L	9/8/2021	0.00021	0.0005		<0.000500
GU-5	d	Nickel	7440-02-0	mg/L	9/8/2021	0.0019	0.005		0.0146
GU-5	d	Selenium	7782-49-2	mg/L	9/8/2021	0.00096	0.005		<0.00500
GU-5	d	Silver	7440-22-4	mg/L	9/8/2021	0.00042	0.001		<0.00100
GU-5	d	Thallium	7440-28-0	mg/L	9/8/2021	0.00026	0.001		<0.00100
GU-5	d	Vanadium	7440-62-2	mg/L	9/8/2021	0.0011	0.005		<0.00500
GU-5	d	Zinc	7440-66-6	mg/L	9/8/2021	0.01	0.02		0.0324
GU-5	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	9/8/2021	0.38	1		<1.00
GU-5	d	1,1,1-Trichloroethane	71-55-6	ug/L	9/8/2021	0.19	1		<1.00

Table 9A
Analytical Data Summary - Phase II MSWLF
2024 Annual Water Quality Report
Phase II MSWLF and CWTS
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
GU-5	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	9/8/2021	0.47	1		<1.00
GU-5	d	1,1,2-Trichloroethane	79-00-5	ug/L	9/8/2021	0.45	1		<1.00
GU-5	d	1,1-Dichloroethane	75-34-3	ug/L	9/8/2021	0.22	1		<1.00
GU-5	d	1,1-Dichloroethene	75-35-4	ug/L	9/8/2021	0.56	2		<2.00
GU-5	d	1,2,3-Trichloropropane	96-18-4	ug/L	9/8/2021	0.59	1		<1.00
GU-5	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	9/8/2021	1.2	5		<5.00
GU-5	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	9/8/2021	0.34	1		<1.00
GU-5	d	1,2-Dichlorobenzene	95-50-1	ug/L	9/8/2021	0.37	1		<1.00
GU-5	d	1,2-Dichloroethane	107-06-2	ug/L	9/8/2021	0.39	1		<1.00
GU-5	d	1,2-Dichloropropane	78-87-5	ug/L	9/8/2021	0.27	1		<1.00
GU-5	d	1,4-Dichlorobenzene	106-46-7	ug/L	9/8/2021	0.23	1		<1.00
GU-5	d	2-Butanone	78-93-3	ug/L	9/8/2021	2.1	10		<10.0
GU-5	d	2-Hexanone	591-78-6	ug/L	9/8/2021	2	10		<10.0
GU-5	d	4-Methyl-2-Pentanone	108-10-1	ug/L	9/8/2021	2.1	10		<10.0
GU-5	d	Acetone	67-64-1	ug/L	9/8/2021	3.1	10		<10.0
GU-5	d	Acrylonitrile	107-13-1	ug/L	9/8/2021	2.2	5		<5.00
GU-5	d	Benzene	71-43-2	ug/L	9/8/2021	0.22	0.5		<0.500
GU-5	d	Bromochloromethane	74-97-5	ug/L	9/8/2021	0.54	5		<5.00
GU-5	d	Bromodichloromethane	75-27-4	ug/L	9/8/2021	0.39	1		<1.00
GU-5	d	Bromoform	75-25-2	ug/L	9/8/2021	0.78	5		<5.00
GU-5	d	Bromomethane	74-83-9	ug/L	9/8/2021	1.1	4		<4.00
GU-5	d	Carbon Disulfide	75-15-0	ug/L	9/8/2021	0.45	1		<1.00
GU-5	d	Carbon Tetrachloride	56-23-5	ug/L	9/8/2021	0.65	2		<2.00
GU-5	d	Chlorobenzene	108-90-7	ug/L	9/8/2021	0.4	1		<1.00
GU-5	d	Chlorodibromomethane	124-48-1	ug/L	9/8/2021	0.75	5		<5.00
GU-5	d	Chloroethane	75-00-3	ug/L	9/8/2021	0.79	4		<4.00
GU-5	d	Chloroform	67-66-3	ug/L	9/8/2021	1.3	3		<3.00
GU-5	d	Chloromethane	74-87-3	ug/L	9/8/2021	0.61	3		<3.00
GU-5	d	cis-1,2-Dichloroethene	156-59-2	ug/L	9/8/2021	0.21	1		<1.00
GU-5	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	9/8/2021	0.25	5		<5.00
GU-5	d	Methylene Bromide	74-95-3	ug/L	9/8/2021	0.33	1		<1.00
GU-5	d	Ethylbenzene	100-41-4	ug/L	9/8/2021	0.31	1		<1.00
GU-5	d	Iodomethane	74-88-4	ug/L	9/8/2021	7	10		<10.0
GU-5	d	Methylene Chloride	75-09-2	ug/L	9/8/2021	1.7	5		<5.00
GU-5	d	Styrene	100-42-5	ug/L	9/8/2021	0.37	1		<1.00
GU-5	d	Tetrachloroethene	127-18-4	ug/L	9/8/2021	0.48	1		<1.00
GU-5	d	Toluene	108-88-3	ug/L	9/8/2021	0.43	1		<1.00
GU-5	d	trans-1,2-Dichloroethene	156-60-5	ug/L	9/8/2021	0.27	1		<1.00
GU-5	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	9/8/2021	0.56	5		<5.00
GU-5	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	9/8/2021	1.1	10		<10.0
GU-5	d	Trichloroethene	79-01-6	ug/L	9/8/2021	0.43	1		<1.00
GU-5	d	Trichlorofluoromethane	75-69-4	ug/L	9/8/2021	0.38	4		<4.00
GU-5	d	Vinyl Acetate	108-05-4	ug/L	9/8/2021	2.5	10		<10.0
GU-5	d	Vinyl Chloride	75-01-4	ug/L	9/8/2021	0.18	1		<1.00
GU-5	d	Xylenes, total	1330-20-7	ug/L	9/8/2021	0.4	3		<3.00
GU-5	d	Total Suspended Solids	TSS	mg/L	9/8/2021	0.638	1.88	J	1.25
GU-4	d	Ammonia as N	7664-41-7	mg/L	4/18/2022	0.22	0.5	J	0.245
GU-4	d	Total Kjeldahl Nitrogen	TKN	mg/L	4/18/2022	0.41	1		<1.00
GU-4	d	Nitrate/Nitrite as N	1594-56-5xx	mg/L	4/18/2022	0.026	0.1		0.518
GU-4	d	Aluminum	7429-90-5	mg/L	4/18/2022	0.017	0.05		<0.0500
GU-4	d	Antimony	7440-36-0	mg/L	4/18/2022	0.00069	0.002		<0.00200
GU-4	d	Arsenic	7440-38-2	mg/L	4/18/2022	0.00075	0.002		<0.00200
GU-4	d	Barium	7440-39-3	mg/L	4/18/2022	0.00088	0.002		0.0317
GU-4	d	Beryllium	7440-41-7	mg/L	4/18/2022	0.00027	0.001		<0.00100
GU-4	d	Boron	7440-42-8	mg/L	4/18/2022	0.058	0.1		0.252
GU-4	d	Cadmium	7440-43-9	mg/L	4/18/2022	0.000055	0.0001		0.000138
GU-4	d	Chromium	7440-47-3	mg/L	4/18/2022	0.0011	0.005		<0.00500
GU-4	d	Cobalt	7440-48-4	mg/L	4/18/2022	0.00019	0.0005		0.000704
GU-4	d	Copper	7440-50-8	mg/L	4/18/2022	0.0018	0.005		<0.00500
GU-4	d	Iron	7439-89-6	mg/L	4/18/2022	0.036	0.1	J	0.068
GU-4	d	Lead	7439-92-1	mg/L	4/18/2022	0.00024	0.0005		<0.000500
GU-4	d	Lithium	7439-93-2	mg/L	4/18/2022	0.0025	0.01		0.0537
GU-4	d	Manganese	7439-96-5	mg/L	4/18/2022	0.0036	0.01		1.23
GU-4	d	Molybdenum	7439-98-7	mg/L	4/18/2022	0.0012	0.002	J	0.00149
GU-4	d	Nickel	7440-02-0	mg/L	4/18/2022	0.0019	0.005		0.00731
GU-4	d	Selenium	7782-49-2	mg/L	4/18/2022	0.00096	0.005	J	0.00111
GU-4	d	Silver	7440-22-4	mg/L	4/18/2022	0.00049	0.001		<0.00100
GU-4	d	Thallium	7440-28-0	mg/L	4/18/2022	0.00026	0.001		<0.00100
GU-4	d	Vanadium	7440-62-2	mg/L	4/18/2022	0.0011	0.005		<0.00500
GU-4	d	Zinc	7440-66-6	mg/L	4/18/2022	0.01	0.02		<0.0200
GU-4	d	Acetone	67-64-1	ug/L	4/18/2022	3.1	10		<10.0
GU-4	d	Acrylonitrile	107-13-1	ug/L	4/18/2022	2.2	10		<10.0
GU-4	d	Benzene	71-43-2	ug/L	4/18/2022	0.22	0.5		<0.500
GU-4	d	Bromochloromethane	74-97-5	ug/L	4/18/2022	0.54	5		<5.00
GU-4	d	Bromodichloromethane	75-27-4	ug/L	4/18/2022	0.39	1		<1.00

Table 9A
Analytical Data Summary - Phase II MSWLF
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Phase II MSWLF and CWTS
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
GU-4	d	Bromoform	75-25-2	ug/L	4/18/2022	0.78	5		<5.00
GU-4	d	Bromomethane	74-83-9	ug/L	4/18/2022	1.1	4		<4.00
GU-4	d	2-Butanone	78-93-3	ug/L	4/18/2022	2.1	10		<10.0
GU-4	d	Carbon Disulfide	75-15-0	ug/L	4/18/2022	0.45	1		<1.00
GU-4	d	Carbon Tetrachloride	56-23-5	ug/L	4/18/2022	0.65	2		<2.00
GU-4	d	Chlorobenzene	108-90-7	ug/L	4/18/2022	0.4	1		<1.00
GU-4	d	Chlorodibromomethane	124-48-1	ug/L	4/18/2022	0.75	5		<5.00
GU-4	d	Chloroethane	75-00-3	ug/L	4/18/2022	0.79	4		<4.00
GU-4	d	Chloroform	67-66-3	ug/L	4/18/2022	1.3	3		<3.00
GU-4	d	Chloromethane	74-87-3	ug/L	4/18/2022	0.61	3		<3.00
GU-4	d	cis-1,2-Dichloroethene	156-59-2	ug/L	4/18/2022	0.21	1		<1.00
GU-4	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	4/18/2022	0.25	5		<5.00
GU-4	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	4/18/2022	1.2	1.2		<1.20
GU-4	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	4/18/2022	0.34	0.34		<0.340
GU-4	d	Methylene Bromide	74-95-3	ug/L	4/18/2022	0.33	1		<1.00
GU-4	d	1,2-Dichlorobenzene	95-50-1	ug/L	4/18/2022	0.37	1		<1.00
GU-4	d	1,4-Dichlorobenzene	106-46-7	ug/L	4/18/2022	0.23	1		<1.00
GU-4	d	1,1-Dichloroethane	75-34-3	ug/L	4/18/2022	0.22	1		<1.00
GU-4	d	1,2-Dichloroethane	107-06-2	ug/L	4/18/2022	0.39	1		<1.00
GU-4	d	1,1-Dichloroethene	75-35-4	ug/L	4/18/2022	0.56	2		<2.00
GU-4	d	1,2-Dichloropropane	78-87-5	ug/L	4/18/2022	0.27	1		<1.00
GU-4	d	Ethylbenzene	100-41-4	ug/L	4/18/2022	0.31	1		<1.00
GU-4	d	2-Hexanone	591-78-6	ug/L	4/18/2022	2	10		<10.0
GU-4	d	Iodomethane	74-88-4	ug/L	4/18/2022	7	10		<10.0
GU-4	d	Methylene Chloride	75-09-2	ug/L	4/18/2022	1.7	5		<5.00
GU-4	d	4-Methyl-2-Pentanone	108-10-1	ug/L	4/18/2022	2.1	10		<10.0
GU-4	d	Styrene	100-42-5	ug/L	4/18/2022	0.37	1		<1.00
GU-4	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	4/18/2022	0.38	1		<1.00
GU-4	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	4/18/2022	0.47	1		<1.00
GU-4	d	Tetrachloroethene	127-18-4	ug/L	4/18/2022	0.48	1		<1.00
GU-4	d	Toluene	108-88-3	ug/L	4/18/2022	0.43	1		<1.00
GU-4	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	4/18/2022	1.1	10		<10.0
GU-4	d	trans-1,2-Dichloroethene	156-60-5	ug/L	4/18/2022	0.27	1		<1.00
GU-4	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	4/18/2022	0.56	5		<5.00
GU-4	d	1,1,1-Trichloroethane	71-55-6	ug/L	4/18/2022	0.19	1		<1.00
GU-4	d	1,1,2-Trichloroethane	79-00-5	ug/L	4/18/2022	0.45	1		<1.00
GU-4	d	Trichloroethene	79-01-6	ug/L	4/18/2022	0.43	1		<1.00
GU-4	d	Trichlorofluoromethane	75-69-4	ug/L	4/18/2022	0.38	4		<4.00
GU-4	d	1,2,3-Trichloropropane	96-18-4	ug/L	4/18/2022	0.59	1		<1.00
GU-4	d	Vinyl Acetate	108-05-4	ug/L	4/18/2022	2.5	10		<10.0
GU-4	d	Vinyl Chloride	75-01-4	ug/L	4/18/2022	0.18	1		<1.00
GU-4	d	Xylenes, total	1330-20-7	ug/L	4/18/2022	0.4	3		<3.00
GU-4	d	Chloride	16887-00-6	mg/L	4/18/2022	2.25	5		84.9
GU-4	d	Sulfate	14808-79-8	mg/L	4/18/2022	8	20		642
GU-4	d	Fluoride	16984-48-8	mg/L	4/18/2022	0.22	0.5		<0.500
GU-4	d	Total Suspended Solids	TSS	mg/L	4/18/2022	1.7	5	J	2
GU-4	d	BOD - Five Day	BOD	mg/L	4/18/2022	3	3		<3.00
GU-4	d	Silica, Dissolved	D7631-86-9	mg/L	4/18/2022	3.8	10		31
GU-3	d	Ammonia as N	7664-41-7	mg/L	4/19/2022	0.22	0.5		<0.500
GU-3	d	Total Kjeldahl Nitrogen	TKN	mg/L	4/19/2022	2.05	5		6.79
GU-3	d	Nitrate/Nitrite as N	1594-56-5xx	mg/L	4/19/2022	0.26	1	F1 F2	<1.00
GU-3	d	Aluminum	7429-90-5	mg/L	4/19/2022	0.017	0.05		1.28
GU-3	d	Antimony	7440-36-0	mg/L	4/19/2022	0.00069	0.002		<0.00200
GU-3	d	Arsenic	7440-38-2	mg/L	4/19/2022	0.00075	0.002	J	0.00187
GU-3	d	Barium	7440-39-3	mg/L	4/19/2022	0.00088	0.002		0.185
GU-3	d	Beryllium	7440-41-7	mg/L	4/19/2022	0.00027	0.001		0.00123
GU-3	d	Boron	7440-42-8	mg/L	4/19/2022	0.058	0.1		0.102
GU-3	d	Cadmium	7440-43-9	mg/L	4/19/2022	0.000055	0.0001		0.00386
GU-3	d	Chromium	7440-47-3	mg/L	4/19/2022	0.0011	0.005		0.012
GU-3	d	Cobalt	7440-48-4	mg/L	4/19/2022	0.00019	0.0005		0.037
GU-3	d	Copper	7440-50-8	mg/L	4/19/2022	0.0018	0.005		0.0352
GU-3	d	Iron	7439-89-6	mg/L	4/19/2022	0.036	0.1		25.8
GU-3	d	Lead	7439-92-1	mg/L	4/19/2022	0.00024	0.0005		0.000806
GU-3	d	Lithium	7439-93-2	mg/L	4/19/2022	0.01	0.04	J	0.0161
GU-3	d	Manganese	7439-96-5	mg/L	4/19/2022	0.0144	0.04		7.72
GU-3	d	Molybdenum	7439-98-7	mg/L	4/19/2022	0.0012	0.002		<0.00200
GU-3	d	Nickel	7440-02-0	mg/L	4/19/2022	0.0019	0.005		0.0512
GU-3	d	Selenium	7782-49-2	mg/L	4/19/2022	0.00096	0.005	J	0.00317
GU-3	d	Silver	7440-22-4	mg/L	4/19/2022	0.00049	0.001	J	0.000897
GU-3	d	Thallium	7440-28-0	mg/L	4/19/2022	0.00026	0.001	J	0.000411
GU-3	d	Vanadium	7440-62-2	mg/L	4/19/2022	0.0011	0.005		<0.00500
GU-3	d	Zinc	7440-66-6	mg/L	4/19/2022	0.01	0.02		0.417
GU-3	d	Acetone	67-64-1	ug/L	4/19/2022	3.1	10	J	3.87
GU-3	d	Acrylonitrile	107-13-1	ug/L	4/19/2022	2.2	10		<10.0
GU-3	d	Benzene	71-43-2	ug/L	4/19/2022	0.22	0.5		<0.500

Table 9A
Analytical Data Summary - Phase II MSWLF
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Phase II MSWLF and CWTS
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
GU-3	d	Bromochloromethane	74-97-5	ug/L	4/19/2022	0.54	5		<5.00
GU-3	d	Bromodichloromethane	75-27-4	ug/L	4/19/2022	0.39	1		<1.00
GU-3	d	Bromoform	75-25-2	ug/L	4/19/2022	0.78	5		<5.00
GU-3	d	Bromomethane	74-83-9	ug/L	4/19/2022	1.1	4		<4.00
GU-3	d	2-Butanone	78-93-3	ug/L	4/19/2022	2.1	10		<10.0
GU-3	d	Carbon Disulfide	75-15-0	ug/L	4/19/2022	0.45	1		<1.00
GU-3	d	Carbon Tetrachloride	56-23-5	ug/L	4/19/2022	0.65	2		<2.00
GU-3	d	Chlorobenzene	108-90-7	ug/L	4/19/2022	0.4	1		<1.00
GU-3	d	Chlorodibromomethane	124-48-1	ug/L	4/19/2022	0.75	5		<5.00
GU-3	d	Chloroethane	75-00-3	ug/L	4/19/2022	0.79	4		<4.00
GU-3	d	Chloroform	67-66-3	ug/L	4/19/2022	1.3	3		<3.00
GU-3	d	Chloromethane	74-87-3	ug/L	4/19/2022	0.61	3		<3.00
GU-3	d	cis-1,2-Dichloroethene	156-59-2	ug/L	4/19/2022	0.21	1		<1.00
GU-3	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	4/19/2022	0.25	5		<5.00
GU-3	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	4/19/2022	1.2	1.2		<1.20
GU-3	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	4/19/2022	0.34	0.34		<0.340
GU-3	d	Methylene Bromide	74-95-3	ug/L	4/19/2022	0.33	1		<1.00
GU-3	d	1,2-Dichlorobenzene	95-50-1	ug/L	4/19/2022	0.37	1		<1.00
GU-3	d	1,4-Dichlorobenzene	106-46-7	ug/L	4/19/2022	0.23	1		<1.00
GU-3	d	1,1-Dichloroethane	75-34-3	ug/L	4/19/2022	0.22	1		<1.00
GU-3	d	1,2-Dichloroethane	107-06-2	ug/L	4/19/2022	0.39	1		<1.00
GU-3	d	1,1-Dichloroethene	75-35-4	ug/L	4/19/2022	0.56	2		<2.00
GU-3	d	1,2-Dichloropropane	78-87-5	ug/L	4/19/2022	0.27	1		<1.00
GU-3	d	Ethylbenzene	100-41-4	ug/L	4/19/2022	0.31	1		<1.00
GU-3	d	2-Hexanone	591-78-6	ug/L	4/19/2022	2	10		<10.0
GU-3	d	Iodomethane	74-88-4	ug/L	4/19/2022	7	10		<10.0
GU-3	d	Methylene Chloride	75-09-2	ug/L	4/19/2022	1.7	5		<5.00
GU-3	d	4-Methyl-2-Pentanone	108-10-1	ug/L	4/19/2022	2.1	10		<10.0
GU-3	d	Styrene	100-42-5	ug/L	4/19/2022	0.37	1		<1.00
GU-3	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	4/19/2022	0.38	1		<1.00
GU-3	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	4/19/2022	0.47	1		<1.00
GU-3	d	Tetrachloroethene	127-18-4	ug/L	4/19/2022	0.48	1		<1.00
GU-3	d	Toluene	108-88-3	ug/L	4/19/2022	0.43	1		<1.00
GU-3	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	4/19/2022	1.1	10		<10.0
GU-3	d	trans-1,2-Dichloroethene	156-60-5	ug/L	4/19/2022	0.27	1		<1.00
GU-3	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	4/19/2022	0.56	5		<5.00
GU-3	d	1,1,1-Trichloroethane	71-55-6	ug/L	4/19/2022	0.19	1		<1.00
GU-3	d	1,1,2-Trichloroethane	79-00-5	ug/L	4/19/2022	0.45	1		<1.00
GU-3	d	Trichloroethene	79-01-6	ug/L	4/19/2022	0.43	1		<1.00
GU-3	d	Trichlorofluoromethane	75-69-4	ug/L	4/19/2022	0.38	4		<4.00
GU-3	d	1,2,3-Trichloropropane	96-18-4	ug/L	4/19/2022	0.59	1		<1.00
GU-3	d	Vinyl Acetate	108-05-4	ug/L	4/19/2022	2.5	10		<10.0
GU-3	d	Vinyl Chloride	75-01-4	ug/L	4/19/2022	0.18	1		<1.00
GU-3	d	Xylenes, total	1330-20-7	ug/L	4/19/2022	0.4	3		<3.00
GU-3	d	Chloride	16887-00-6	mg/L	4/19/2022	2.25	5		158
GU-3	d	Sulfate	14808-79-8	mg/L	4/19/2022	2	5		389
GU-3	d	Fluoride	16984-48-8	mg/L	4/19/2022	0.22	0.5		<0.500
GU-3	d	Total Suspended Solids	TSS	mg/L	4/19/2022	20.4	60		12000
GU-3	d	BOD - Five Day	BOD	mg/L	4/19/2022	12	12	*	<12.0
GU-3	d	Silica, Dissolved	D7631-86-9	mg/L	4/19/2022	3.8	10		19.9
MW-B	d	Antimony	7440-36-0	mg/L	4/19/2022	0.00069	0.002		<0.00200
MW-B	d	Arsenic	7440-38-2	mg/L	4/19/2022	0.00075	0.002		<0.00200
MW-B	d	Barium	7440-39-3	mg/L	4/19/2022	0.00088	0.002		0.043
MW-B	d	Beryllium	7440-41-7	mg/L	4/19/2022	0.00027	0.001		<0.00100
MW-B	d	Cadmium	7440-43-9	mg/L	4/19/2022	0.000055	0.0001		<0.000100
MW-B	d	Chromium	7440-47-3	mg/L	4/19/2022	0.0011	0.005		<0.00500
MW-B	d	Cobalt	7440-48-4	mg/L	4/19/2022	0.00019	0.0005		0.000833
MW-B	d	Copper	7440-50-8	mg/L	4/19/2022	0.0018	0.005	J	0.00457
MW-B	d	Lead	7439-92-1	mg/L	4/19/2022	0.00024	0.0005	J	0.000298
MW-B	d	Nickel	7440-02-0	mg/L	4/19/2022	0.0019	0.005	J	0.00401
MW-B	d	Selenium	7782-49-2	mg/L	4/19/2022	0.00096	0.005		<0.00500
MW-B	d	Silver	7440-22-4	mg/L	4/19/2022	0.00049	0.001		<0.00100
MW-B	d	Thallium	7440-28-0	mg/L	4/19/2022	0.00026	0.001		<0.00100
MW-B	d	Vanadium	7440-62-2	mg/L	4/19/2022	0.0011	0.005		<0.00500
MW-B	d	Zinc	7440-66-6	mg/L	4/19/2022	0.01	0.02		<0.0200
MW-B	d	Acetone	67-64-1	ug/L	4/19/2022	3.1	10		<10.0
MW-B	d	Acrylonitrile	107-13-1	ug/L	4/19/2022	2.2	10		<10.0
MW-B	d	Benzene	71-43-2	ug/L	4/19/2022	0.22	0.5		<0.500
MW-B	d	Bromochloromethane	74-97-5	ug/L	4/19/2022	0.54	5		<5.00
MW-B	d	Bromodichloromethane	75-27-4	ug/L	4/19/2022	0.39	1		<1.00
MW-B	d	Bromoform	75-25-2	ug/L	4/19/2022	0.78	5		<5.00
MW-B	d	Bromomethane	74-83-9	ug/L	4/19/2022	1.1	4		<4.00
MW-B	d	2-Butanone	78-93-3	ug/L	4/19/2022	2.1	10		<10.0
MW-B	d	Carbon Disulfide	75-15-0	ug/L	4/19/2022	0.45	1		<1.00
MW-B	d	Carbon Tetrachloride	56-23-5	ug/L	4/19/2022	0.65	2		<2.00

Table 9A
Analytical Data Summary - Phase II MSWLF
2024 Annual Water Quality Report
Phase II MSWLF and CWTS
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-B	d	Chlorobenzene	108-90-7	ug/L	4/19/2022	0.4	1		<1.00
MW-B	d	Chlorodibromomethane	124-48-1	ug/L	4/19/2022	0.75	5		<5.00
MW-B	d	Chloroethane	75-00-3	ug/L	4/19/2022	0.79	4		<4.00
MW-B	d	Chloroform	67-66-3	ug/L	4/19/2022	1.3	3		<3.00
MW-B	d	Chloromethane	74-87-3	ug/L	4/19/2022	0.61	3		<3.00
MW-B	d	cis-1,2-Dichloroethene	156-59-2	ug/L	4/19/2022	0.21	1		<1.00
MW-B	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	4/19/2022	0.25	5		<5.00
MW-B	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	4/19/2022	1.2	1.2		<1.20
MW-B	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	4/19/2022	0.34	0.34		<0.340
MW-B	d	Methylene Bromide	74-95-3	ug/L	4/19/2022	0.33	1		<1.00
MW-B	d	1,2-Dichlorobenzene	95-50-1	ug/L	4/19/2022	0.37	1		<1.00
MW-B	d	1,4-Dichlorobenzene	106-46-7	ug/L	4/19/2022	0.23	1		<1.00
MW-B	d	1,1-Dichloroethane	75-34-3	ug/L	4/19/2022	0.22	1		<1.00
MW-B	d	1,2-Dichloroethane	107-06-2	ug/L	4/19/2022	0.39	1		<1.00
MW-B	d	1,1-Dichloroethene	75-35-4	ug/L	4/19/2022	0.56	2		<2.00
MW-B	d	1,2-Dichloropropane	78-87-5	ug/L	4/19/2022	0.27	1		<1.00
MW-B	d	Ethylbenzene	100-41-4	ug/L	4/19/2022	0.31	1		<1.00
MW-B	d	2-Hexanone	591-78-6	ug/L	4/19/2022	2	10		<10.0
MW-B	d	Iodomethane	74-88-4	ug/L	4/19/2022	7	10	F2	<10.0
MW-B	d	Methylene Chloride	75-09-2	ug/L	4/19/2022	1.7	5		<5.00
MW-B	d	4-Methyl-2-Pentanone	108-10-1	ug/L	4/19/2022	2.1	10		<10.0
MW-B	d	Styrene	100-42-5	ug/L	4/19/2022	0.37	1		<1.00
MW-B	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	4/19/2022	0.38	1		<1.00
MW-B	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	4/19/2022	0.47	1		<1.00
MW-B	d	Tetrachloroethene	127-18-4	ug/L	4/19/2022	0.48	1		<1.00
MW-B	d	Toluene	108-88-3	ug/L	4/19/2022	0.43	1		<1.00
MW-B	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	4/19/2022	1.1	10		<10.0
MW-B	d	trans-1,2-Dichloroethene	156-60-5	ug/L	4/19/2022	0.27	1		<1.00
MW-B	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	4/19/2022	0.56	5		<5.00
MW-B	d	1,1,1-Trichloroethane	71-55-6	ug/L	4/19/2022	0.19	1		<1.00
MW-B	d	1,1,2-Trichloroethane	79-00-5	ug/L	4/19/2022	0.45	1		<1.00
MW-B	d	Trichloroethene	79-01-6	ug/L	4/19/2022	0.43	1		<1.00
MW-B	d	Trichlorofluoromethane	75-69-4	ug/L	4/19/2022	0.38	4		<4.00
MW-B	d	1,2,3-Trichloropropane	96-18-4	ug/L	4/19/2022	0.59	1		<1.00
MW-B	d	Vinyl Acetate	108-05-4	ug/L	4/19/2022	2.5	10		<10.0
MW-B	d	Vinyl Chloride	75-01-4	ug/L	4/19/2022	0.18	1		<1.00
MW-B	d	Xylenes, total	1330-20-7	ug/L	4/19/2022	0.4	3		<3.00
MW-B	d	Total Suspended Solids	TSS	mg/L	4/19/2022	0.638	1.88		9.12
MW-67	d	Antimony	7440-36-0	mg/L	4/19/2022	0.00069	0.002		<0.00200
MW-67	d	Arsenic	7440-38-2	mg/L	4/19/2022	0.00075	0.002		<0.00200
MW-67	d	Barium	7440-39-3	mg/L	4/19/2022	0.00088	0.002		0.0261
MW-67	d	Beryllium	7440-41-7	mg/L	4/19/2022	0.00027	0.001		<0.00100
MW-67	d	Cadmium	7440-43-9	mg/L	4/19/2022	0.000055	0.0001		<0.000100
MW-67	d	Chromium	7440-47-3	mg/L	4/19/2022	0.0011	0.005		<0.00500
MW-67	d	Cobalt	7440-48-4	mg/L	4/19/2022	0.00019	0.0005	J	0.000295
MW-67	d	Copper	7440-50-8	mg/L	4/19/2022	0.0018	0.005		<0.00500
MW-67	d	Lead	7439-92-1	mg/L	4/19/2022	0.00024	0.0005		<0.000500
MW-67	d	Nickel	7440-02-0	mg/L	4/19/2022	0.0019	0.005		<0.00500
MW-67	d	Selenium	7782-49-2	mg/L	4/19/2022	0.00096	0.005	J	0.00194
MW-67	d	Silver	7440-22-4	mg/L	4/19/2022	0.00049	0.001	J	0.000901
MW-67	d	Thallium	7440-28-0	mg/L	4/19/2022	0.00026	0.001	J	0.000287
MW-67	d	Vanadium	7440-62-2	mg/L	4/19/2022	0.0011	0.005		<0.00500
MW-67	d	Zinc	7440-66-6	mg/L	4/19/2022	0.01	0.02		<0.0200
MW-67	d	Acetone	67-64-1	ug/L	4/19/2022	3.1	10		<10.0
MW-67	d	Acrylonitrile	107-13-1	ug/L	4/19/2022	2.2	10		<10.0
MW-67	d	Benzene	71-43-2	ug/L	4/19/2022	0.22	0.5		<0.500
MW-67	d	Bromochloromethane	74-97-5	ug/L	4/19/2022	0.54	5		<5.00
MW-67	d	Bromodichloromethane	75-27-4	ug/L	4/19/2022	0.39	1		<1.00
MW-67	d	Bromoform	75-25-2	ug/L	4/19/2022	0.78	5		<5.00
MW-67	d	Bromomethane	74-83-9	ug/L	4/19/2022	1.1	4		<4.00
MW-67	d	2-Butanone	78-93-3	ug/L	4/19/2022	2.1	10		<10.0
MW-67	d	Carbon Disulfide	75-15-0	ug/L	4/19/2022	0.45	1		<1.00
MW-67	d	Carbon Tetrachloride	56-23-5	ug/L	4/19/2022	0.65	2		<2.00
MW-67	d	Chlorobenzene	108-90-7	ug/L	4/19/2022	0.4	1		<1.00
MW-67	d	Chlorodibromomethane	124-48-1	ug/L	4/19/2022	0.75	5		<5.00
MW-67	d	Chloroethane	75-00-3	ug/L	4/19/2022	0.79	4		<4.00
MW-67	d	Chloroform	67-66-3	ug/L	4/19/2022	1.3	3		<3.00
MW-67	d	Chloromethane	74-87-3	ug/L	4/19/2022	0.61	3		<3.00
MW-67	d	cis-1,2-Dichloroethene	156-59-2	ug/L	4/19/2022	0.21	1		<1.00
MW-67	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	4/19/2022	0.25	5		<5.00
MW-67	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	4/19/2022	1.2	1.2		<1.20
MW-67	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	4/19/2022	0.34	0.34		<0.340
MW-67	d	Methylene Bromide	74-95-3	ug/L	4/19/2022	0.33	1		<1.00
MW-67	d	1,2-Dichlorobenzene	95-50-1	ug/L	4/19/2022	0.37	1		<1.00
MW-67	d	1,4-Dichlorobenzene	106-46-7	ug/L	4/19/2022	0.23	1		<1.00

Table 9A
Analytical Data Summary - Phase II MSWLF
2024 Annual Water Quality Report
Phase II MSWLF and CWTS
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-67	d	1,1-Dichloroethane	75-34-3	ug/L	4/19/2022	0.22	1		<1.00
MW-67	d	1,2-Dichloroethane	107-06-2	ug/L	4/19/2022	0.39	1		<1.00
MW-67	d	1,1-Dichloroethene	75-35-4	ug/L	4/19/2022	0.56	2		<2.00
MW-67	d	1,2-Dichloropropane	78-87-5	ug/L	4/19/2022	0.27	1		<1.00
MW-67	d	Ethylbenzene	100-41-4	ug/L	4/19/2022	0.31	1		<1.00
MW-67	d	2-Hexanone	591-78-6	ug/L	4/19/2022	2	10		<10.0
MW-67	d	Iodomethane	74-88-4	ug/L	4/19/2022	7	10		<10.0
MW-67	d	Methylene Chloride	75-09-2	ug/L	4/19/2022	1.7	5		<5.00
MW-67	d	4-Methyl-2-Pentanone	108-10-1	ug/L	4/19/2022	2.1	10		<10.0
MW-67	d	Styrene	100-42-5	ug/L	4/19/2022	0.37	1		<1.00
MW-67	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	4/19/2022	0.38	1		<1.00
MW-67	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	4/19/2022	0.47	1		<1.00
MW-67	d	Tetrachloroethene	127-18-4	ug/L	4/19/2022	0.48	1		<1.00
MW-67	d	Toluene	108-88-3	ug/L	4/19/2022	0.43	1		<1.00
MW-67	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	4/19/2022	1.1	10		<10.0
MW-67	d	trans-1,2-Dichloroethene	156-60-5	ug/L	4/19/2022	0.27	1		<1.00
MW-67	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	4/19/2022	0.56	5		<5.00
MW-67	d	1,1,1-Trichloroethane	71-55-6	ug/L	4/19/2022	0.19	1		<1.00
MW-67	d	1,1,2-Trichloroethane	79-00-5	ug/L	4/19/2022	0.45	1		<1.00
MW-67	d	Trichloroethene	79-01-6	ug/L	4/19/2022	0.43	1		<1.00
MW-67	d	Trichlorofluoromethane	75-69-4	ug/L	4/19/2022	0.38	4		<4.00
MW-67	d	1,2,3-Trichloropropane	96-18-4	ug/L	4/19/2022	0.59	1		<1.00
MW-67	d	Vinyl Acetate	108-05-4	ug/L	4/19/2022	2.5	10		<10.0
MW-67	d	Vinyl Chloride	75-01-4	ug/L	4/19/2022	0.18	1		<1.00
MW-67	d	Xylenes, total	1330-20-7	ug/L	4/19/2022	0.4	3		<3.00
MW-67	d	Total Suspended Solids	TSS	mg/L	4/19/2022	0.638	1.88	J	1.63
GU-18	d	Ammonia as N	7664-41-7	mg/L	4/20/2022	0.22	0.5		1.12
GU-18	d	Total Kjeldahl Nitrogen	TKN	mg/L	4/20/2022	0.41	1		1.09
GU-18	d	Nitrate/Nitrite as N	1594-56-5xx	mg/L	4/20/2022	0.026	0.1	F1	1.11
GU-18	d	Aluminum	7429-90-5	mg/L	4/20/2022	0.068	0.2		<0.200
GU-18	d	Antimony	7440-36-0	mg/L	4/20/2022	0.00276	0.008		<0.00800
GU-18	d	Arsenic	7440-38-2	mg/L	4/20/2022	0.003	0.008		<0.00800
GU-18	d	Barium	7440-39-3	mg/L	4/20/2022	0.00352	0.008		0.0267
GU-18	d	Beryllium	7440-41-7	mg/L	4/20/2022	0.00108	0.004		<0.00400
GU-18	d	Boron	7440-42-8	mg/L	4/20/2022	0.232	0.4	J	0.264
GU-18	d	Cadmium	7440-43-9	mg/L	4/20/2022	0.00022	0.0004		<0.000400
GU-18	d	Chromium	7440-47-3	mg/L	4/20/2022	0.0044	0.02		<0.0200
GU-18	d	Cobalt	7440-48-4	mg/L	4/20/2022	0.00076	0.002		0.00265
GU-18	d	Copper	7440-50-8	mg/L	4/20/2022	0.0072	0.02		<0.0200
GU-18	d	Iron	7439-89-6	mg/L	4/20/2022	0.144	0.4		2.41
GU-18	d	Lead	7439-92-1	mg/L	4/20/2022	0.00096	0.002		<0.00200
GU-18	d	Lithium	7439-93-2	mg/L	4/20/2022	0.01	0.04		0.0785
GU-18	d	Manganese	7439-96-5	mg/L	4/20/2022	0.0144	0.04		2.02
GU-18	d	Molybdenum	7439-98-7	mg/L	4/20/2022	0.0048	0.008		<0.00800
GU-18	d	Nickel	7440-02-0	mg/L	4/20/2022	0.0076	0.02	J	0.0126
GU-18	d	Selenium	7782-49-2	mg/L	4/20/2022	0.00384	0.02		<0.0200
GU-18	d	Silver	7440-22-4	mg/L	4/20/2022	0.00196	0.004		<0.00400
GU-18	d	Thallium	7440-28-0	mg/L	4/20/2022	0.00104	0.004		<0.00400
GU-18	d	Vanadium	7440-62-2	mg/L	4/20/2022	0.0044	0.02		<0.0200
GU-18	d	Zinc	7440-66-6	mg/L	4/20/2022	0.04	0.08		<0.0800
GU-18	d	Acetone	67-64-1	ug/L	4/20/2022	3.1	10		<10.0
GU-18	d	Acrylonitrile	107-13-1	ug/L	4/20/2022	2.2	10		<10.0
GU-18	d	Benzene	71-43-2	ug/L	4/20/2022	0.22	0.5		<0.500
GU-18	d	Bromochloromethane	74-97-5	ug/L	4/20/2022	0.54	5		<5.00
GU-18	d	Bromodichloromethane	75-27-4	ug/L	4/20/2022	0.39	1		<1.00
GU-18	d	Bromoform	75-25-2	ug/L	4/20/2022	0.78	5		<5.00
GU-18	d	Bromomethane	74-83-9	ug/L	4/20/2022	1.1	4		<4.00
GU-18	d	2-Butanone	78-93-3	ug/L	4/20/2022	2.1	10		<10.0
GU-18	d	Carbon Disulfide	75-15-0	ug/L	4/20/2022	0.45	1		<1.00
GU-18	d	Carbon Tetrachloride	56-23-5	ug/L	4/20/2022	0.65	2		<2.00
GU-18	d	Chlorobenzene	108-90-7	ug/L	4/20/2022	0.4	1		<1.00
GU-18	d	Chlorodibromomethane	124-48-1	ug/L	4/20/2022	0.75	5		<5.00
GU-18	d	Chloroethane	75-00-3	ug/L	4/20/2022	0.79	4		<4.00
GU-18	d	Chloroform	67-66-3	ug/L	4/20/2022	1.3	3		<3.00
GU-18	d	Chloromethane	74-87-3	ug/L	4/20/2022	0.61	3		<3.00
GU-18	d	cis-1,2-Dichloroethene	156-59-2	ug/L	4/20/2022	0.21	1		<1.00
GU-18	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	4/20/2022	0.25	5		<5.00
GU-18	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	4/20/2022	1.2	1.2		<1.20
GU-18	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	4/20/2022	0.34	0.34		<0.340
GU-18	d	Methylene Bromide	74-95-3	ug/L	4/20/2022	0.33	1		<1.00
GU-18	d	1,2-Dichlorobenzene	95-50-1	ug/L	4/20/2022	0.37	1		<1.00
GU-18	d	1,4-Dichlorobenzene	106-46-7	ug/L	4/20/2022	0.23	1		<1.00
GU-18	d	1,1-Dichloroethane	75-34-3	ug/L	4/20/2022	0.22	1		<1.00
GU-18	d	1,2-Dichloroethane	107-06-2	ug/L	4/20/2022	0.39	1		<1.00
GU-18	d	1,1-Dichloroethene	75-35-4	ug/L	4/20/2022	0.56	2		<2.00

Table 9A
Analytical Data Summary - Phase II MSWLF
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Phase II MSWLF and CWTS
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
GU-18	d	1,2-Dichloropropane	78-87-5	ug/L	4/20/2022	0.27	1		<1.00
GU-18	d	Ethylbenzene	100-41-4	ug/L	4/20/2022	0.31	1		<1.00
GU-18	d	2-Hexanone	591-78-6	ug/L	4/20/2022	2	10		<10.0
GU-18	d	Iodomethane	74-88-4	ug/L	4/20/2022	7	10		<10.0
GU-18	d	Methylene Chloride	75-09-2	ug/L	4/20/2022	1.7	5		<5.00
GU-18	d	4-Methyl-2-Pentanone	108-10-1	ug/L	4/20/2022	2.1	10		<10.0
GU-18	d	Styrene	100-42-5	ug/L	4/20/2022	0.37	1		<1.00
GU-18	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	4/20/2022	0.38	1		<1.00
GU-18	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	4/20/2022	0.47	1		<1.00
GU-18	d	Tetrachloroethene	127-18-4	ug/L	4/20/2022	0.48	1		<1.00
GU-18	d	Toluene	108-88-3	ug/L	4/20/2022	0.43	1		<1.00
GU-18	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	4/20/2022	1.1	10		<10.0
GU-18	d	trans-1,2-Dichloroethene	156-60-5	ug/L	4/20/2022	0.27	1		<1.00
GU-18	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	4/20/2022	0.56	5		<5.00
GU-18	d	1,1,1-Trichloroethane	71-55-6	ug/L	4/20/2022	0.19	1		<1.00
GU-18	d	1,1,2-Trichloroethane	79-00-5	ug/L	4/20/2022	0.45	1		<1.00
GU-18	d	Trichloroethene	79-01-6	ug/L	4/20/2022	0.43	1		<1.00
GU-18	d	Trichlorofluoromethane	75-69-4	ug/L	4/20/2022	0.38	4		<4.00
GU-18	d	1,2,3-Trichloropropane	96-18-4	ug/L	4/20/2022	0.59	1		<1.00
GU-18	d	Vinyl Acetate	108-05-4	ug/L	4/20/2022	2.5	10		<10.0
GU-18	d	Vinyl Chloride	75-01-4	ug/L	4/20/2022	0.18	1		<1.00
GU-18	d	Xylenes, total	1330-20-7	ug/L	4/20/2022	0.4	3		<3.00
GU-18	d	Chloride	16887-00-6	mg/L	4/20/2022	2.25	5		60.7
GU-18	d	Sulfate	14808-79-8	mg/L	4/20/2022	8	20		956
GU-18	d	Fluoride	16984-48-8	mg/L	4/20/2022	0.22	0.5		<0.500
GU-18	d	Total Suspended Solids	TSS	mg/L	4/20/2022	5.1	15		15
GU-18	d	BOD - Five Day	BOD	mg/L	4/20/2022	3	3		<3.00
GU-18	d	Silica, Dissolved	D7631-86-9	mg/L	4/20/2022	3.8	10		22
GU-5	d	Ammonia as N	7664-41-7	mg/L	4/20/2022	0.22	0.5		<0.500
GU-5	d	Total Kjeldahl Nitrogen	TKN	mg/L	4/20/2022	0.41	1		<1.00
GU-5	d	Nitrate/Nitrite as N	1594-56-5xx	mg/L	4/20/2022	0.026	0.1		0.306
GU-5	d	Aluminum	7429-90-5	mg/L	4/20/2022	0.017	0.05		<0.0500
GU-5	d	Antimony	7440-36-0	mg/L	4/20/2022	0.00069	0.002		<0.00200
GU-5	d	Arsenic	7440-38-2	mg/L	4/20/2022	0.00075	0.002	J	0.00103
GU-5	d	Barium	7440-39-3	mg/L	4/20/2022	0.00088	0.002		0.0272
GU-5	d	Beryllium	7440-41-7	mg/L	4/20/2022	0.00027	0.001		<0.00100
GU-5	d	Boron	7440-42-8	mg/L	4/20/2022	0.058	0.1		0.593
GU-5	d	Cadmium	7440-43-9	mg/L	4/20/2022	0.000055	0.0001		<0.000100
GU-5	d	Chromium	7440-47-3	mg/L	4/20/2022	0.0011	0.005		<0.00500
GU-5	d	Cobalt	7440-48-4	mg/L	4/20/2022	0.00019	0.0005		0.00218
GU-5	d	Copper	7440-50-8	mg/L	4/20/2022	0.0018	0.005		<0.00500
GU-5	d	Iron	7439-89-6	mg/L	4/20/2022	0.036	0.1		1.12
GU-5	d	Lead	7439-92-1	mg/L	4/20/2022	0.00024	0.0005		<0.000500
GU-5	d	Lithium	7439-93-2	mg/L	4/20/2022	0.0025	0.01		0.0566
GU-5	d	Manganese	7439-96-5	mg/L	4/20/2022	0.0036	0.01		1.27
GU-5	d	Molybdenum	7439-98-7	mg/L	4/20/2022	0.0012	0.002		<0.00200
GU-5	d	Nickel	7440-02-0	mg/L	4/20/2022	0.0019	0.005		0.0106
GU-5	d	Selenium	7782-49-2	mg/L	4/20/2022	0.00096	0.005		<0.00500
GU-5	d	Silver	7440-22-4	mg/L	4/20/2022	0.00049	0.001		<0.00100
GU-5	d	Thallium	7440-28-0	mg/L	4/20/2022	0.00026	0.001		<0.00100
GU-5	d	Vanadium	7440-62-2	mg/L	4/20/2022	0.0011	0.005		<0.00500
GU-5	d	Zinc	7440-66-6	mg/L	4/20/2022	0.01	0.02		<0.0200
GU-5	d	Acetone	67-64-1	ug/L	4/20/2022	3.1	10		<10.0
GU-5	d	Acrylonitrile	107-13-1	ug/L	4/20/2022	2.2	10		<10.0
GU-5	d	Benzene	71-43-2	ug/L	4/20/2022	0.22	0.5		<0.500
GU-5	d	Bromochloromethane	74-97-5	ug/L	4/20/2022	0.54	5		<5.00
GU-5	d	Bromodichloromethane	75-27-4	ug/L	4/20/2022	0.39	1		<1.00
GU-5	d	Bromoform	75-25-2	ug/L	4/20/2022	0.78	5		<5.00
GU-5	d	Bromomethane	74-83-9	ug/L	4/20/2022	1.1	4		<4.00
GU-5	d	2-Butanone	78-93-3	ug/L	4/20/2022	2.1	10		<10.0
GU-5	d	Carbon Disulfide	75-15-0	ug/L	4/20/2022	0.45	1		<1.00
GU-5	d	Carbon Tetrachloride	56-23-5	ug/L	4/20/2022	0.65	2		<2.00
GU-5	d	Chlorobenzene	108-90-7	ug/L	4/20/2022	0.4	1		<1.00
GU-5	d	Chlorodibromomethane	124-48-1	ug/L	4/20/2022	0.75	5		<5.00
GU-5	d	Chloroethane	75-00-3	ug/L	4/20/2022	0.79	4		<4.00
GU-5	d	Chloroform	67-66-3	ug/L	4/20/2022	1.3	3		<3.00
GU-5	d	Chloromethane	74-87-3	ug/L	4/20/2022	0.61	3		<3.00
GU-5	d	cis-1,2-Dichloroethene	156-59-2	ug/L	4/20/2022	0.21	1		<1.00
GU-5	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	4/20/2022	0.25	5		<5.00
GU-5	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	4/20/2022	1.2	1.2		<1.20
GU-5	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	4/20/2022	0.34	0.34		<0.340
GU-5	d	Methylene Bromide	74-95-3	ug/L	4/20/2022	0.33	1		<1.00
GU-5	d	1,2-Dichlorobenzene	95-50-1	ug/L	4/20/2022	0.37	1		<1.00
GU-5	d	1,4-Dichlorobenzene	106-46-7	ug/L	4/20/2022	0.23	1		<1.00
GU-5	d	1,1-Dichloroethane	75-34-3	ug/L	4/20/2022	0.22	1		<1.00

Table 9A
Analytical Data Summary - Phase II MSWLF
2024 Annual Water Quality Report
Phase II MSWLF and CWTS
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
GU-5	d	1,2-Dichloroethane	107-06-2	ug/L	4/20/2022	0.39	1		<1.00
GU-5	d	1,1-Dichloroethene	75-35-4	ug/L	4/20/2022	0.56	2		<2.00
GU-5	d	1,2-Dichloropropane	78-87-5	ug/L	4/20/2022	0.27	1		<1.00
GU-5	d	Ethylbenzene	100-41-4	ug/L	4/20/2022	0.31	1		<1.00
GU-5	d	2-Hexanone	591-78-6	ug/L	4/20/2022	2	10		<10.0
GU-5	d	Iodomethane	74-88-4	ug/L	4/20/2022	7	10		<10.0
GU-5	d	Methylene Chloride	75-09-2	ug/L	4/20/2022	1.7	5		<5.00
GU-5	d	4-Methyl-2-Pentanone	108-10-1	ug/L	4/20/2022	2.1	10		<10.0
GU-5	d	Styrene	100-42-5	ug/L	4/20/2022	0.37	1		<1.00
GU-5	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	4/20/2022	0.38	1		<1.00
GU-5	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	4/20/2022	0.47	1		<1.00
GU-5	d	Tetrachloroethene	127-18-4	ug/L	4/20/2022	0.48	1		<1.00
GU-5	d	Toluene	108-88-3	ug/L	4/20/2022	0.43	1		<1.00
GU-5	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	4/20/2022	1.1	10		<10.0
GU-5	d	trans-1,2-Dichloroethene	156-60-5	ug/L	4/20/2022	0.27	1		<1.00
GU-5	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	4/20/2022	0.56	5		<5.00
GU-5	d	1,1,1-Trichloroethane	71-55-6	ug/L	4/20/2022	0.19	1		<1.00
GU-5	d	1,1,2-Trichloroethane	79-00-5	ug/L	4/20/2022	0.45	1		<1.00
GU-5	d	Trichloroethene	79-01-6	ug/L	4/20/2022	0.43	1		<1.00
GU-5	d	Trichlorofluoromethane	75-69-4	ug/L	4/20/2022	0.38	4		<4.00
GU-5	d	1,2,3-Trichloropropane	96-18-4	ug/L	4/20/2022	0.59	1		<1.00
GU-5	d	Vinyl Acetate	108-05-4	ug/L	4/20/2022	2.5	10		<10.0
GU-5	d	Vinyl Chloride	75-01-4	ug/L	4/20/2022	0.18	1		<1.00
GU-5	d	Xylenes, total	1330-20-7	ug/L	4/20/2022	0.4	3		<3.00
GU-5	d	Chloride	16887-00-6	mg/L	4/20/2022	2.25	5		118
GU-5	d	Sulfate	14808-79-8	mg/L	4/20/2022	8	20		823
GU-5	d	Fluoride	16984-48-8	mg/L	4/20/2022	0.22	0.5		0.88
GU-5	d	Total Suspended Solids	TSS	mg/L	4/20/2022	1.7	5		7
GU-5	d	BOD - Five Day	BOD	mg/L	4/20/2022	3	3		<3.00
GU-5	d	Silica, Dissolved	D7631-86-9	mg/L	4/20/2022	3.8	10		16.7
MW-C	d	Antimony	7440-36-0	mg/L	4/20/2022	0.00069	0.002		<0.00200
MW-C	d	Arsenic	7440-38-2	mg/L	4/20/2022	0.00075	0.002		<0.00200
MW-C	d	Barium	7440-39-3	mg/L	4/20/2022	0.00088	0.002		0.132
MW-C	d	Beryllium	7440-41-7	mg/L	4/20/2022	0.00027	0.001		<0.00100
MW-C	d	Cadmium	7440-43-9	mg/L	4/20/2022	0.000055	0.0001		<0.000100
MW-C	d	Chromium	7440-47-3	mg/L	4/20/2022	0.0011	0.005		<0.00500
MW-C	d	Cobalt	7440-48-4	mg/L	4/20/2022	0.00019	0.0005		0.000566
MW-C	d	Copper	7440-50-8	mg/L	4/20/2022	0.0018	0.005		<0.00500
MW-C	d	Lead	7439-92-1	mg/L	4/20/2022	0.00024	0.0005	J	0.00044
MW-C	d	Nickel	7440-02-0	mg/L	4/20/2022	0.0019	0.005	J	0.00245
MW-C	d	Selenium	7782-49-2	mg/L	4/20/2022	0.00096	0.005		<0.00500
MW-C	d	Silver	7440-22-4	mg/L	4/20/2022	0.00049	0.001		<0.00100
MW-C	d	Thallium	7440-28-0	mg/L	4/20/2022	0.00026	0.001		<0.00100
MW-C	d	Vanadium	7440-62-2	mg/L	4/20/2022	0.0011	0.005		<0.00500
MW-C	d	Zinc	7440-66-6	mg/L	4/20/2022	0.01	0.02		<0.0200
MW-C	d	Acetone	67-64-1	ug/L	4/20/2022	3.1	10		<10.0
MW-C	d	Acrylonitrile	107-13-1	ug/L	4/20/2022	2.2	10		<10.0
MW-C	d	Benzene	71-43-2	ug/L	4/20/2022	0.22	0.5		<0.500
MW-C	d	Bromochloromethane	74-97-5	ug/L	4/20/2022	0.54	5		<5.00
MW-C	d	Bromodichloromethane	75-27-4	ug/L	4/20/2022	0.39	1		<1.00
MW-C	d	Bromoform	75-25-2	ug/L	4/20/2022	0.78	5		<5.00
MW-C	d	Bromomethane	74-83-9	ug/L	4/20/2022	1.1	4		<4.00
MW-C	d	2-Butanone	78-93-3	ug/L	4/20/2022	2.1	10		<10.0
MW-C	d	Carbon Disulfide	75-15-0	ug/L	4/20/2022	0.45	1		<1.00
MW-C	d	Carbon Tetrachloride	56-23-5	ug/L	4/20/2022	0.65	2		<2.00
MW-C	d	Chlorobenzene	108-90-7	ug/L	4/20/2022	0.4	1		<1.00
MW-C	d	Chlorodibromomethane	124-48-1	ug/L	4/20/2022	0.75	5		<5.00
MW-C	d	Chloroethane	75-00-3	ug/L	4/20/2022	0.79	4		<4.00
MW-C	d	Chloroform	67-66-3	ug/L	4/20/2022	1.3	3		<3.00
MW-C	d	Chloromethane	74-87-3	ug/L	4/20/2022	0.61	3		<3.00
MW-C	d	cis-1,2-Dichloroethene	156-59-2	ug/L	4/20/2022	0.21	1		<1.00
MW-C	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	4/20/2022	0.25	5		<5.00
MW-C	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	4/20/2022	1.2	1.2		<1.20
MW-C	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	4/20/2022	0.34	0.34		<0.340
MW-C	d	Methylene Bromide	74-95-3	ug/L	4/20/2022	0.33	1		<1.00
MW-C	d	1,2-Dichlorobenzene	95-50-1	ug/L	4/20/2022	0.37	1		<1.00
MW-C	d	1,4-Dichlorobenzene	106-46-7	ug/L	4/20/2022	0.23	1		<1.00
MW-C	d	1,1-Dichloroethane	75-34-3	ug/L	4/20/2022	0.22	1		<1.00
MW-C	d	1,2-Dichloroethane	107-06-2	ug/L	4/20/2022	0.39	1		<1.00
MW-C	d	1,1-Dichloroethene	75-35-4	ug/L	4/20/2022	0.56	2		<2.00
MW-C	d	1,2-Dichloropropane	78-87-5	ug/L	4/20/2022	0.27	1		<1.00
MW-C	d	Ethylbenzene	100-41-4	ug/L	4/20/2022	0.31	1		<1.00
MW-C	d	2-Hexanone	591-78-6	ug/L	4/20/2022	2	10		<10.0
MW-C	d	Iodomethane	74-88-4	ug/L	4/20/2022	7	10		<10.0
MW-C	d	Methylene Chloride	75-09-2	ug/L	4/20/2022	1.7	5		<5.00

Table 9A
Analytical Data Summary - Phase II MSWLF
2024 Annual Water Quality Report
Phase II MSWLF and CWTS
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-C	d	4-Methyl-2-Pentanone	108-10-1	ug/L	4/20/2022	2.1	10		<10.0
MW-C	d	Styrene	100-42-5	ug/L	4/20/2022	0.37	1		<1.00
MW-C	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	4/20/2022	0.38	1		<1.00
MW-C	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	4/20/2022	0.47	1		<1.00
MW-C	d	Tetrachloroethene	127-18-4	ug/L	4/20/2022	0.48	1		<1.00
MW-C	d	Toluene	108-88-3	ug/L	4/20/2022	0.43	1		<1.00
MW-C	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	4/20/2022	1.1	10		<10.0
MW-C	d	trans-1,2-Dichloroethene	156-60-5	ug/L	4/20/2022	0.27	1		<1.00
MW-C	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	4/20/2022	0.56	5		<5.00
MW-C	d	1,1,1-Trichloroethane	71-55-6	ug/L	4/20/2022	0.19	1		<1.00
MW-C	d	1,1,2-Trichloroethane	79-00-5	ug/L	4/20/2022	0.45	1		<1.00
MW-C	d	Trichloroethene	79-01-6	ug/L	4/20/2022	0.43	1		<1.00
MW-C	d	Trichlorofluoromethane	75-69-4	ug/L	4/20/2022	0.38	4		<4.00
MW-C	d	1,2,3-Trichloropropane	96-18-4	ug/L	4/20/2022	0.59	1		<1.00
MW-C	d	Vinyl Acetate	108-05-4	ug/L	4/20/2022	2.5	10		<10.0
MW-C	d	Vinyl Chloride	75-01-4	ug/L	4/20/2022	0.18	1		<1.00
MW-C	d	Xylenes, total	1330-20-7	ug/L	4/20/2022	0.4	3		<3.00
MW-C	d	Total Suspended Solids	TSS	mg/L	4/20/2022	5.1	15		19
MW-26	u	Antimony	7440-36-0	mg/L	4/20/2022	0.00069	0.002		<0.00200
MW-26	u	Arsenic	7440-38-2	mg/L	4/20/2022	0.00075	0.002		<0.00200
MW-26	u	Barium	7440-39-3	mg/L	4/20/2022	0.00088	0.002		0.0589
MW-26	u	Beryllium	7440-41-7	mg/L	4/20/2022	0.00027	0.001		<0.00100
MW-26	u	Cadmium	7440-43-9	mg/L	4/20/2022	0.000055	0.0001		<0.000100
MW-26	u	Chromium	7440-47-3	mg/L	4/20/2022	0.0011	0.005		0.00687
MW-26	u	Cobalt	7440-48-4	mg/L	4/20/2022	0.00019	0.0005		<0.000500
MW-26	u	Copper	7440-50-8	mg/L	4/20/2022	0.0018	0.005		<0.00500
MW-26	u	Lead	7439-92-1	mg/L	4/20/2022	0.00024	0.0005		<0.000500
MW-26	u	Nickel	7440-02-0	mg/L	4/20/2022	0.0019	0.005		<0.00500
MW-26	u	Selenium	7782-49-2	mg/L	4/20/2022	0.00096	0.005		0.028
MW-26	u	Silver	7440-22-4	mg/L	4/20/2022	0.00049	0.001		<0.00100
MW-26	u	Thallium	7440-28-0	mg/L	4/20/2022	0.00026	0.001		<0.00100
MW-26	u	Vanadium	7440-62-2	mg/L	4/20/2022	0.0011	0.005	J	0.0013
MW-26	u	Zinc	7440-66-6	mg/L	4/20/2022	0.01	0.02		<0.0200
MW-26	u	Acetone	67-64-1	ug/L	4/20/2022	3.1	10		<10.0
MW-26	u	Acrylonitrile	107-13-1	ug/L	4/20/2022	2.2	10		<10.0
MW-26	u	Benzene	71-43-2	ug/L	4/20/2022	0.22	0.5		<0.500
MW-26	u	Bromochloromethane	74-97-5	ug/L	4/20/2022	0.54	5		<5.00
MW-26	u	Bromodichloromethane	75-27-4	ug/L	4/20/2022	0.39	1		<1.00
MW-26	u	Bromoform	75-25-2	ug/L	4/20/2022	0.78	5		<5.00
MW-26	u	Bromomethane	74-83-9	ug/L	4/20/2022	1.1	4		<4.00
MW-26	u	2-Butanone	78-93-3	ug/L	4/20/2022	2.1	10		<10.0
MW-26	u	Carbon Disulfide	75-15-0	ug/L	4/20/2022	0.45	1		<1.00
MW-26	u	Carbon Tetrachloride	56-23-5	ug/L	4/20/2022	0.65	2		<2.00
MW-26	u	Chlorobenzene	108-90-7	ug/L	4/20/2022	0.4	1		<1.00
MW-26	u	Chlorodibromomethane	124-48-1	ug/L	4/20/2022	0.75	5		<5.00
MW-26	u	Chloroethane	75-00-3	ug/L	4/20/2022	0.79	4		<4.00
MW-26	u	Chloroform	67-66-3	ug/L	4/20/2022	1.3	3		<3.00
MW-26	u	Chloromethane	74-87-3	ug/L	4/20/2022	0.61	3		<3.00
MW-26	u	cis-1,2-Dichloroethene	156-59-2	ug/L	4/20/2022	0.21	1		<1.00
MW-26	u	cis-1,3-Dichloropropene	10061-01-5	ug/L	4/20/2022	0.25	5		<5.00
MW-26	u	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	4/20/2022	1.2	1.2		<1.20
MW-26	u	1,2-Dibromoethane [EDB]	106-93-4	ug/L	4/20/2022	0.34	0.34		<0.340
MW-26	u	Methylene Bromide	74-95-3	ug/L	4/20/2022	0.33	1		<1.00
MW-26	u	1,2-Dichlorobenzene	95-50-1	ug/L	4/20/2022	0.37	1		<1.00
MW-26	u	1,4-Dichlorobenzene	106-46-7	ug/L	4/20/2022	0.23	1		<1.00
MW-26	u	1,1-Dichloroethane	75-34-3	ug/L	4/20/2022	0.22	1		<1.00
MW-26	u	1,2-Dichloroethane	107-06-2	ug/L	4/20/2022	0.39	1		<1.00
MW-26	u	1,1-Dichloroethene	75-35-4	ug/L	4/20/2022	0.56	2		<2.00
MW-26	u	1,2-Dichloropropane	78-87-5	ug/L	4/20/2022	0.27	1		<1.00
MW-26	u	Ethylbenzene	100-41-4	ug/L	4/20/2022	0.31	1		<1.00
MW-26	u	2-Hexanone	591-78-6	ug/L	4/20/2022	2	10		<10.0
MW-26	u	Iodomethane	74-88-4	ug/L	4/20/2022	7	10		<10.0
MW-26	u	Methylene Chloride	75-09-2	ug/L	4/20/2022	1.7	5		<5.00
MW-26	u	4-Methyl-2-Pentanone	108-10-1	ug/L	4/20/2022	2.1	10		<10.0
MW-26	u	Styrene	100-42-5	ug/L	4/20/2022	0.37	1		<1.00
MW-26	u	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	4/20/2022	0.38	1		<1.00
MW-26	u	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	4/20/2022	0.47	1		<1.00
MW-26	u	Tetrachloroethene	127-18-4	ug/L	4/20/2022	0.48	1		<1.00
MW-26	u	Toluene	108-88-3	ug/L	4/20/2022	0.43	1		<1.00
MW-26	u	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	4/20/2022	1.1	10		<10.0
MW-26	u	trans-1,2-Dichloroethene	156-60-5	ug/L	4/20/2022	0.27	1		<1.00
MW-26	u	trans-1,3-Dichloropropene	10061-02-6	ug/L	4/20/2022	0.56	5		<5.00
MW-26	u	1,1,1-Trichloroethane	71-55-6	ug/L	4/20/2022	0.19	1		<1.00
MW-26	u	1,1,2-Trichloroethane	79-00-5	ug/L	4/20/2022	0.45	1		<1.00
MW-26	u	Trichloroethene	79-01-6	ug/L	4/20/2022	0.43	1		<1.00

Table 9A
Analytical Data Summary - Phase II MSWLF
2024 Annual Water Quality Report
Phase II MSWLF and CWTS
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-26	u	Trichlorofluoromethane	75-69-4	ug/L	4/20/2022	0.38	4		<4.00
MW-26	u	1,2,3-Trichloropropane	96-18-4	ug/L	4/20/2022	0.59	1		<1.00
MW-26	u	Vinyl Acetate	108-05-4	ug/L	4/20/2022	2.5	10		<10.0
MW-26	u	Vinyl Chloride	75-01-4	ug/L	4/20/2022	0.18	1		<1.00
MW-26	u	Xylenes, total	1330-20-7	ug/L	4/20/2022	0.4	3		<3.00
MW-26	u	Total Suspended Solids	TSS	mg/L	4/20/2022	0.638	1.88		<1.88
MW-26	d	Antimony	7440-36-0	mg/L	11/14/2022	0.00069	0.002		<0.00200
MW-26	d	Arsenic	7440-38-2	mg/L	11/14/2022	0.00075	0.002		<0.00200
MW-26	d	Barium	7440-39-3	mg/L	11/14/2022	0.00088	0.002		0.0691
MW-26	d	Beryllium	7440-41-7	mg/L	11/14/2022	0.00027	0.001		<0.00100
MW-26	d	Cadmium	7440-43-9	mg/L	11/14/2022	0.000055	0.0001		<0.000100
MW-26	d	Chromium	7440-47-3	mg/L	11/14/2022	0.0011	0.005		0.00526
MW-26	d	Cobalt	7440-48-4	mg/L	11/14/2022	0.00019	0.0005		<0.000500
MW-26	d	Copper	7440-50-8	mg/L	11/14/2022	0.0018	0.005	J	0.00313
MW-26	d	Lead	7439-92-1	mg/L	11/14/2022	0.00024	0.0005		<0.000500
MW-26	d	Nickel	7440-02-0	mg/L	11/14/2022	0.0019	0.005	J	0.00221
MW-26	d	Selenium	7782-49-2	mg/L	11/14/2022	0.00096	0.005		0.0211
MW-26	d	Silver	7440-22-4	mg/L	11/14/2022	0.00049	0.001		<0.00100
MW-26	d	Thallium	7440-28-0	mg/L	11/14/2022	0.00026	0.001		<0.00100
MW-26	d	Vanadium	7440-62-2	mg/L	11/14/2022	0.0011	0.005		<0.00500
MW-26	d	Zinc	7440-66-6	mg/L	11/14/2022	0.01	0.02		<0.0200
MW-26	d	Acetone	67-64-1	ug/L	11/14/2022	3.1	10		<10.0
MW-26	d	Acrylonitrile	107-13-1	ug/L	11/14/2022	2.2	10		<10.0
MW-26	d	Benzene	71-43-2	ug/L	11/14/2022	0.22	0.5		<0.500
MW-26	d	Bromochloromethane	74-97-5	ug/L	11/14/2022	0.54	5		<5.00
MW-26	d	Bromodichloromethane	75-27-4	ug/L	11/14/2022	0.39	1		<1.00
MW-26	d	Bromoform	75-25-2	ug/L	11/14/2022	0.78	5		<5.00
MW-26	d	Bromomethane	74-83-9	ug/L	11/14/2022	1.1	4		<4.00
MW-26	d	2-Butanone	78-93-3	ug/L	11/14/2022	2.1	10		<10.0
MW-26	d	Carbon Disulfide	75-15-0	ug/L	11/14/2022	0.45	1		<1.00
MW-26	d	Carbon Tetrachloride	56-23-5	ug/L	11/14/2022	0.65	2		<2.00
MW-26	d	Chlorobenzene	108-90-7	ug/L	11/14/2022	0.4	1		<1.00
MW-26	d	Chlorodibromomethane	124-48-1	ug/L	11/14/2022	0.75	5		<5.00
MW-26	d	Chloroethane	75-00-3	ug/L	11/14/2022	0.79	4		<4.00
MW-26	d	Chloroform	67-66-3	ug/L	11/14/2022	1.3	3		<3.00
MW-26	d	Chloromethane	74-87-3	ug/L	11/14/2022	0.61	3		<3.00
MW-26	d	cis-1,2-Dichloroethene	156-59-2	ug/L	11/14/2022	0.21	1		<1.00
MW-26	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	11/14/2022	0.25	5		<5.00
MW-26	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	11/14/2022	1.2	1.2		<1.20
MW-26	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	11/14/2022	0.34	0.34		<0.340
MW-26	d	Methylene Bromide	74-95-3	ug/L	11/14/2022	0.33	1		<1.00
MW-26	d	1,2-Dichlorobenzene	95-50-1	ug/L	11/14/2022	0.37	1		<1.00
MW-26	d	1,4-Dichlorobenzene	106-46-7	ug/L	11/14/2022	0.23	1		<1.00
MW-26	d	1,1-Dichloroethane	75-34-3	ug/L	11/14/2022	0.22	1		<1.00
MW-26	d	1,2-Dichloroethane	107-06-2	ug/L	11/14/2022	0.39	1		<1.00
MW-26	d	1,1-Dichloroethene	75-35-4	ug/L	11/14/2022	0.56	2		<2.00
MW-26	d	1,2-Dichloropropane	78-87-5	ug/L	11/14/2022	0.27	1		<1.00
MW-26	d	Ethylbenzene	100-41-4	ug/L	11/14/2022	0.31	1		<1.00
MW-26	d	2-Hexanone	591-78-6	ug/L	11/14/2022	2	10		<10.0
MW-26	d	Iodomethane	74-88-4	ug/L	11/14/2022	7	10		<10.0
MW-26	d	Methylene Chloride	75-09-2	ug/L	11/14/2022	1.7	5		<5.00
MW-26	d	4-Methyl-2-Pentanone	108-10-1	ug/L	11/14/2022	2.1	10		<10.0
MW-26	d	Styrene	100-42-5	ug/L	11/14/2022	0.37	1		<1.00
MW-26	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	11/14/2022	0.38	1		<1.00
MW-26	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	11/14/2022	0.47	1		<1.00
MW-26	d	Tetrachloroethene	127-18-4	ug/L	11/14/2022	0.48	1		<1.00
MW-26	d	Toluene	108-88-3	ug/L	11/14/2022	0.43	1		<1.00
MW-26	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	11/14/2022	1.1	10		<10.0
MW-26	d	trans-1,2-Dichloroethene	156-60-5	ug/L	11/14/2022	0.27	1		<1.00
MW-26	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	11/14/2022	0.56	5		<5.00
MW-26	d	1,1,1-Trichloroethane	71-55-6	ug/L	11/14/2022	0.19	1		<1.00
MW-26	d	1,1,2-Trichloroethane	79-00-5	ug/L	11/14/2022	0.45	1		<1.00
MW-26	d	Trichloroethene	79-01-6	ug/L	11/14/2022	0.43	1		<1.00
MW-26	d	Trichlorofluoromethane	75-69-4	ug/L	11/14/2022	0.38	4		<4.00
MW-26	d	1,2,3-Trichloropropane	96-18-4	ug/L	11/14/2022	0.59	1		<1.00
MW-26	d	Vinyl Acetate	108-05-4	ug/L	11/14/2022	2.5	10		<10.0
MW-26	d	Vinyl Chloride	75-01-4	ug/L	11/14/2022	0.18	1		<1.00
MW-26	d	Xylenes, total	1330-20-7	ug/L	11/14/2022	0.4	3		<3.00
MW-26	d	Total Suspended Solids	TSS	mg/L	11/14/2022	0.638	1.88		<1.88
MW-B	d	Antimony	7440-36-0	mg/L	11/14/2022	0.00069	0.002		<0.00200
MW-B	d	Arsenic	7440-38-2	mg/L	11/14/2022	0.00075	0.002		<0.00200
MW-B	d	Barium	7440-39-3	mg/L	11/14/2022	0.00088	0.002		0.0531
MW-B	d	Beryllium	7440-41-7	mg/L	11/14/2022	0.00027	0.001		<0.00100
MW-B	d	Cadmium	7440-43-9	mg/L	11/14/2022	0.000055	0.0001		<0.000100
MW-B	d	Chromium	7440-47-3	mg/L	11/14/2022	0.0011	0.005		<0.00500

Table 9A
Analytical Data Summary - Phase II MSWLF
2024 Annual Water Quality Report
Phase II MSWLF and CWTS
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-B	d	Cobalt	7440-48-4	mg/L	11/14/2022	0.00019	0.0005		0.00389
MW-B	d	Copper	7440-50-8	mg/L	11/14/2022	0.0018	0.005		<0.00500
MW-B	d	Lead	7439-92-1	mg/L	11/14/2022	0.00024	0.0005		<0.000500
MW-B	d	Nickel	7440-02-0	mg/L	11/14/2022	0.0019	0.005	J	0.00495
MW-B	d	Selenium	7782-49-2	mg/L	11/14/2022	0.00096	0.005		<0.00500
MW-B	d	Silver	7440-22-4	mg/L	11/14/2022	0.00049	0.001		<0.00100
MW-B	d	Thallium	7440-28-0	mg/L	11/14/2022	0.00026	0.001		<0.00100
MW-B	d	Vanadium	7440-62-2	mg/L	11/14/2022	0.0011	0.005		<0.00500
MW-B	d	Zinc	7440-66-6	mg/L	11/14/2022	0.01	0.02		<0.0200
MW-B	d	Acetone	67-64-1	ug/L	11/14/2022	3.1	10		22.2
MW-B	d	Acrylonitrile	107-13-1	ug/L	11/14/2022	2.2	10		<10.0
MW-B	d	Benzene	71-43-2	ug/L	11/14/2022	0.22	0.5		<0.500
MW-B	d	Bromochloromethane	74-97-5	ug/L	11/14/2022	0.54	5		<5.00
MW-B	d	Bromodichloromethane	75-27-4	ug/L	11/14/2022	0.39	1		<1.00
MW-B	d	Bromoform	75-25-2	ug/L	11/14/2022	0.78	5		<5.00
MW-B	d	Bromomethane	74-83-9	ug/L	11/14/2022	1.1	4		<4.00
MW-B	d	2-Butanone	78-93-3	ug/L	11/14/2022	2.1	10		<10.0
MW-B	d	Carbon Disulfide	75-15-0	ug/L	11/14/2022	0.45	1		<1.00
MW-B	d	Carbon Tetrachloride	56-23-5	ug/L	11/14/2022	0.65	2		<2.00
MW-B	d	Chlorobenzene	108-90-7	ug/L	11/14/2022	0.4	1		<1.00
MW-B	d	Chlorodibromomethane	124-48-1	ug/L	11/14/2022	0.75	5		<5.00
MW-B	d	Chloroethane	75-00-3	ug/L	11/14/2022	0.79	4		<4.00
MW-B	d	Chloroform	67-66-3	ug/L	11/14/2022	1.3	3		<3.00
MW-B	d	Chloromethane	74-87-3	ug/L	11/14/2022	0.61	3		<3.00
MW-B	d	cis-1,2-Dichloroethene	156-59-2	ug/L	11/14/2022	0.21	1		<1.00
MW-B	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	11/14/2022	0.25	5		<5.00
MW-B	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	11/14/2022	1.2	1.2		<1.20
MW-B	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	11/14/2022	0.34	0.34		<0.340
MW-B	d	Methylene Bromide	74-95-3	ug/L	11/14/2022	0.33	1		<1.00
MW-B	d	1,2-Dichlorobenzene	95-50-1	ug/L	11/14/2022	0.37	1		<1.00
MW-B	d	1,4-Dichlorobenzene	106-46-7	ug/L	11/14/2022	0.23	1		<1.00
MW-B	d	1,1-Dichloroethane	75-34-3	ug/L	11/14/2022	0.22	1		<1.00
MW-B	d	1,2-Dichloroethane	107-06-2	ug/L	11/14/2022	0.39	1		<1.00
MW-B	d	1,1-Dichloroethene	75-35-4	ug/L	11/14/2022	0.56	2		<2.00
MW-B	d	1,2-Dichloropropane	78-87-5	ug/L	11/14/2022	0.27	1		<1.00
MW-B	d	Ethylbenzene	100-41-4	ug/L	11/14/2022	0.31	1		<1.00
MW-B	d	2-Hexanone	591-78-6	ug/L	11/14/2022	2	10		<10.0
MW-B	d	Iodomethane	74-88-4	ug/L	11/14/2022	7	10		<10.0
MW-B	d	Methylene Chloride	75-09-2	ug/L	11/14/2022	1.7	5		<5.00
MW-B	d	4-Methyl-2-Pentanone	108-10-1	ug/L	11/14/2022	2.1	10		<10.0
MW-B	d	Styrene	100-42-5	ug/L	11/14/2022	0.37	1		<1.00
MW-B	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	11/14/2022	0.38	1		<1.00
MW-B	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	11/14/2022	0.47	1		<1.00
MW-B	d	Tetrachloroethene	127-18-4	ug/L	11/14/2022	0.48	1		<1.00
MW-B	d	Toluene	108-88-3	ug/L	11/14/2022	0.43	1		<1.00
MW-B	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	11/14/2022	1.1	10		<10.0
MW-B	d	trans-1,2-Dichloroethene	156-60-5	ug/L	11/14/2022	0.27	1		<1.00
MW-B	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	11/14/2022	0.56	5		<5.00
MW-B	d	1,1,1-Trichloroethane	71-55-6	ug/L	11/14/2022	0.19	1		<1.00
MW-B	d	1,1,2-Trichloroethane	79-00-5	ug/L	11/14/2022	0.45	1		<1.00
MW-B	d	Trichloroethene	79-01-6	ug/L	11/14/2022	0.43	1		<1.00
MW-B	d	Trichlorofluoromethane	75-69-4	ug/L	11/14/2022	0.38	4		<4.00
MW-B	d	1,2,3-Trichloropropane	96-18-4	ug/L	11/14/2022	0.59	1		<1.00
MW-B	d	Vinyl Acetate	108-05-4	ug/L	11/14/2022	2.5	10		<10.0
MW-B	d	Vinyl Chloride	75-01-4	ug/L	11/14/2022	0.18	1		<1.00
MW-B	d	Xylenes, total	1330-20-7	ug/L	11/14/2022	0.4	3		<3.00
MW-B	d	Total Suspended Solids	TSS	mg/L	11/14/2022	0.638	1.88		2.5
MW-C	d	Antimony	7440-36-0	mg/L	11/14/2022	0.00069	0.002		<0.00200
MW-C	d	Arsenic	7440-38-2	mg/L	11/14/2022	0.00075	0.002		0.00329
MW-C	d	Barium	7440-39-3	mg/L	11/14/2022	0.00088	0.002		0.285
MW-C	d	Beryllium	7440-41-7	mg/L	11/14/2022	0.00027	0.001		<0.00100
MW-C	d	Cadmium	7440-43-9	mg/L	11/14/2022	0.000055	0.0001		<0.000100
MW-C	d	Chromium	7440-47-3	mg/L	11/14/2022	0.0011	0.005		<0.00500
MW-C	d	Cobalt	7440-48-4	mg/L	11/14/2022	0.00019	0.0005		0.00122
MW-C	d	Copper	7440-50-8	mg/L	11/14/2022	0.0018	0.005		<0.00500
MW-C	d	Lead	7439-92-1	mg/L	11/14/2022	0.00024	0.0005		<0.000500
MW-C	d	Nickel	7440-02-0	mg/L	11/14/2022	0.0019	0.005		<0.00500
MW-C	d	Selenium	7782-49-2	mg/L	11/14/2022	0.00096	0.005		<0.00500
MW-C	d	Silver	7440-22-4	mg/L	11/14/2022	0.00049	0.001		<0.00100
MW-C	d	Thallium	7440-28-0	mg/L	11/14/2022	0.00026	0.001		<0.00100
MW-C	d	Vanadium	7440-62-2	mg/L	11/14/2022	0.0011	0.005		<0.00500
MW-C	d	Zinc	7440-66-6	mg/L	11/14/2022	0.01	0.02		<0.0200
MW-C	d	Acetone	67-64-1	ug/L	11/14/2022	3.1	10		<10.0
MW-C	d	Acrylonitrile	107-13-1	ug/L	11/14/2022	2.2	10		<10.0
MW-C	d	Benzene	71-43-2	ug/L	11/14/2022	0.22	0.5		<0.500

Table 9A
Analytical Data Summary - Phase II MSWLF
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Phase II MSWLF and CWTS
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-C	d	Bromochloromethane	74-97-5	ug/L	11/14/2022	0.54	5		<5.00
MW-C	d	Bromodichloromethane	75-27-4	ug/L	11/14/2022	0.39	1		<1.00
MW-C	d	Bromoform	75-25-2	ug/L	11/14/2022	0.78	5		<5.00
MW-C	d	Bromomethane	74-83-9	ug/L	11/14/2022	1.1	4		<4.00
MW-C	d	2-Butanone	78-93-3	ug/L	11/14/2022	2.1	10		<10.0
MW-C	d	Carbon Disulfide	75-15-0	ug/L	11/14/2022	0.45	1		7.05
MW-C	d	Carbon Tetrachloride	56-23-5	ug/L	11/14/2022	0.65	2		<2.00
MW-C	d	Chlorobenzene	108-90-7	ug/L	11/14/2022	0.4	1		<1.00
MW-C	d	Chlorodibromomethane	124-48-1	ug/L	11/14/2022	0.75	5		<5.00
MW-C	d	Chloroethane	75-00-3	ug/L	11/14/2022	0.79	4		<4.00
MW-C	d	Chloroform	67-66-3	ug/L	11/14/2022	1.3	3		<3.00
MW-C	d	Chloromethane	74-87-3	ug/L	11/14/2022	0.61	3		<3.00
MW-C	d	cis-1,2-Dichloroethene	156-59-2	ug/L	11/14/2022	0.21	1		<1.00
MW-C	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	11/14/2022	0.25	5		<5.00
MW-C	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	11/14/2022	1.2	1.2		<1.20
MW-C	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	11/14/2022	0.34	0.34		<0.340
MW-C	d	Methylene Bromide	74-95-3	ug/L	11/14/2022	0.33	1		<1.00
MW-C	d	1,2-Dichlorobenzene	95-50-1	ug/L	11/14/2022	0.37	1		<1.00
MW-C	d	1,4-Dichlorobenzene	106-46-7	ug/L	11/14/2022	0.23	1		<1.00
MW-C	d	1,1-Dichloroethane	75-34-3	ug/L	11/14/2022	0.22	1		<1.00
MW-C	d	1,2-Dichloroethane	107-06-2	ug/L	11/14/2022	0.39	1		<1.00
MW-C	d	1,1-Dichloroethene	75-35-4	ug/L	11/14/2022	0.56	2		<2.00
MW-C	d	1,2-Dichloropropane	78-87-5	ug/L	11/14/2022	0.27	1		<1.00
MW-C	d	Ethylbenzene	100-41-4	ug/L	11/14/2022	0.31	1		<1.00
MW-C	d	2-Hexanone	591-78-6	ug/L	11/14/2022	2	10		<10.0
MW-C	d	Iodomethane	74-88-4	ug/L	11/14/2022	7	10		<10.0
MW-C	d	Methylene Chloride	75-09-2	ug/L	11/14/2022	1.7	5		<5.00
MW-C	d	4-Methyl-2-Pentanone	108-10-1	ug/L	11/14/2022	2.1	10		<10.0
MW-C	d	Styrene	100-42-5	ug/L	11/14/2022	0.37	1		<1.00
MW-C	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	11/14/2022	0.38	1		<1.00
MW-C	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	11/14/2022	0.47	1		<1.00
MW-C	d	Tetrachloroethene	127-18-4	ug/L	11/14/2022	0.48	1		<1.00
MW-C	d	Toluene	108-88-3	ug/L	11/14/2022	0.43	1		<1.00
MW-C	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	11/14/2022	1.1	10		<10.0
MW-C	d	trans-1,2-Dichloroethene	156-60-5	ug/L	11/14/2022	0.27	1		<1.00
MW-C	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	11/14/2022	0.56	5		<5.00
MW-C	d	1,1,1-Trichloroethane	71-55-6	ug/L	11/14/2022	0.19	1		<1.00
MW-C	d	1,1,2-Trichloroethane	79-00-5	ug/L	11/14/2022	0.45	1		<1.00
MW-C	d	Trichloroethene	79-01-6	ug/L	11/14/2022	0.43	1		<1.00
MW-C	d	Trichlorofluoromethane	75-69-4	ug/L	11/14/2022	0.38	4		<4.00
MW-C	d	1,2,3-Trichloropropane	96-18-4	ug/L	11/14/2022	0.59	1		<1.00
MW-C	d	Vinyl Acetate	108-05-4	ug/L	11/14/2022	2.5	10		<10.0
MW-C	d	Vinyl Chloride	75-01-4	ug/L	11/14/2022	0.18	1		<1.00
MW-C	d	Xylenes, total	1330-20-7	ug/L	11/14/2022	0.4	3		<3.00
MW-C	d	Total Suspended Solids	TSS	mg/L	11/14/2022	1.28	3.75		10.5
MW-67	d	Antimony	7440-36-0	mg/L	11/14/2022	0.00069	0.002		<0.00200
MW-67	d	Arsenic	7440-38-2	mg/L	11/14/2022	0.00075	0.002		<0.00200
MW-67	d	Barium	7440-39-3	mg/L	11/14/2022	0.00088	0.002		0.0237
MW-67	d	Beryllium	7440-41-7	mg/L	11/14/2022	0.00027	0.001		<0.00100
MW-67	d	Cadmium	7440-43-9	mg/L	11/14/2022	0.000055	0.0001	J	0.000059
MW-67	d	Chromium	7440-47-3	mg/L	11/14/2022	0.0011	0.005		<0.00500
MW-67	d	Cobalt	7440-48-4	mg/L	11/14/2022	0.00019	0.0005	J	0.000213
MW-67	d	Copper	7440-50-8	mg/L	11/14/2022	0.0018	0.005		<0.00500
MW-67	d	Lead	7439-92-1	mg/L	11/14/2022	0.00024	0.0005		<0.000500
MW-67	d	Nickel	7440-02-0	mg/L	11/14/2022	0.0019	0.005		0.00519
MW-67	d	Selenium	7782-49-2	mg/L	11/14/2022	0.00096	0.005		<0.00500
MW-67	d	Silver	7440-22-4	mg/L	11/14/2022	0.00049	0.001		<0.00100
MW-67	d	Thallium	7440-28-0	mg/L	11/14/2022	0.00026	0.001		<0.00100
MW-67	d	Vanadium	7440-62-2	mg/L	11/14/2022	0.0011	0.005		<0.00500
MW-67	d	Zinc	7440-66-6	mg/L	11/14/2022	0.01	0.02		<0.0200
MW-67	d	Acetone	67-64-1	ug/L	11/14/2022	3.1	10		<10.0
MW-67	d	Acrylonitrile	107-13-1	ug/L	11/14/2022	2.2	10		<10.0
MW-67	d	Benzene	71-43-2	ug/L	11/14/2022	0.22	0.5		<0.500
MW-67	d	Bromochloromethane	74-97-5	ug/L	11/14/2022	0.54	5		<5.00
MW-67	d	Bromodichloromethane	75-27-4	ug/L	11/14/2022	0.39	1		<1.00
MW-67	d	Bromoform	75-25-2	ug/L	11/14/2022	0.78	5		<5.00
MW-67	d	Bromomethane	74-83-9	ug/L	11/14/2022	1.1	4		<4.00
MW-67	d	2-Butanone	78-93-3	ug/L	11/14/2022	2.1	10		<10.0
MW-67	d	Carbon Disulfide	75-15-0	ug/L	11/14/2022	0.45	1		<1.00
MW-67	d	Carbon Tetrachloride	56-23-5	ug/L	11/14/2022	0.65	2		<2.00
MW-67	d	Chlorobenzene	108-90-7	ug/L	11/14/2022	0.4	1		<1.00
MW-67	d	Chlorodibromomethane	124-48-1	ug/L	11/14/2022	0.75	5		<5.00
MW-67	d	Chloroethane	75-00-3	ug/L	11/14/2022	0.79	4		<4.00
MW-67	d	Chloroform	67-66-3	ug/L	11/14/2022	1.3	3		<3.00
MW-67	d	Chloromethane	74-87-3	ug/L	11/14/2022	0.61	3		<3.00

Table 9A
Analytical Data Summary - Phase II MSWLF
2024 Annual Water Quality Report
Phase II MSWLF and CWTS
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-67	d	cis-1,2-Dichloroethene	156-59-2	ug/L	11/14/2022	0.21	1		<1.00
MW-67	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	11/14/2022	0.25	5		<5.00
MW-67	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	11/14/2022	1.2	1.2		<1.20
MW-67	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	11/14/2022	0.34	0.34		<0.340
MW-67	d	Methylene Bromide	74-95-3	ug/L	11/14/2022	0.33	1		<1.00
MW-67	d	1,2-Dichlorobenzene	95-50-1	ug/L	11/14/2022	0.37	1		<1.00
MW-67	d	1,4-Dichlorobenzene	106-46-7	ug/L	11/14/2022	0.23	1		<1.00
MW-67	d	1,1-Dichloroethane	75-34-3	ug/L	11/14/2022	0.22	1		<1.00
MW-67	d	1,2-Dichloroethane	107-06-2	ug/L	11/14/2022	0.39	1		<1.00
MW-67	d	1,1-Dichloroethene	75-35-4	ug/L	11/14/2022	0.56	2		<2.00
MW-67	d	1,2-Dichloropropane	78-87-5	ug/L	11/14/2022	0.27	1		<1.00
MW-67	d	Ethylbenzene	100-41-4	ug/L	11/14/2022	0.31	1		<1.00
MW-67	d	2-Hexanone	591-78-6	ug/L	11/14/2022	2	10		<10.0
MW-67	d	Iodomethane	74-88-4	ug/L	11/14/2022	7	10		<10.0
MW-67	d	Methylene Chloride	75-09-2	ug/L	11/14/2022	1.7	5		<5.00
MW-67	d	4-Methyl-2-Pentanone	108-10-1	ug/L	11/14/2022	2.1	10		<10.0
MW-67	d	Styrene	100-42-5	ug/L	11/14/2022	0.37	1		<1.00
MW-67	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	11/14/2022	0.38	1		<1.00
MW-67	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	11/14/2022	0.47	1		<1.00
MW-67	d	Tetrachloroethene	127-18-4	ug/L	11/14/2022	0.48	1		<1.00
MW-67	d	Toluene	108-88-3	ug/L	11/14/2022	0.43	1		<1.00
MW-67	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	11/14/2022	1.1	10		<10.0
MW-67	d	trans-1,2-Dichloroethene	156-60-5	ug/L	11/14/2022	0.27	1		<1.00
MW-67	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	11/14/2022	0.56	5		<5.00
MW-67	d	1,1,1-Trichloroethane	71-55-6	ug/L	11/14/2022	0.19	1		<1.00
MW-67	d	1,1,2-Trichloroethane	79-00-5	ug/L	11/14/2022	0.45	1		<1.00
MW-67	d	Trichloroethene	79-01-6	ug/L	11/14/2022	0.43	1		<1.00
MW-67	d	Trichlorofluoromethane	75-69-4	ug/L	11/14/2022	0.38	4		<4.00
MW-67	d	1,2,3-Trichloropropane	96-18-4	ug/L	11/14/2022	0.59	1		<1.00
MW-67	d	Vinyl Acetate	108-05-4	ug/L	11/14/2022	2.5	10		<10.0
MW-67	d	Vinyl Chloride	75-01-4	ug/L	11/14/2022	0.18	1		<1.00
MW-67	d	Xylenes, total	1330-20-7	ug/L	11/14/2022	0.4	3		<3.00
MW-67	d	Total Suspended Solids	TSS	mg/L	11/14/2022	0.638	1.88		3
MW-B	d	Acetone	67-64-1	ug/L	1/10/2023	3.1	10	J	6.58
MW-C	d	Arsenic	7440-38-2	mg/L	1/10/2023	0.00075	0.002	J	0.00189
MW-C	d	Carbon Disulfide	75-15-0	ug/L	1/10/2023	0.45	1		<1.00
GU-18	d	Antimony	7440-36-0	mg/L	3/23/2023	0.00069	0.002		<0.00200
GU-18	d	Arsenic	7440-38-2	mg/L	3/23/2023	0.00075	0.002		0.00204
GU-18	d	Barium	7440-39-3	mg/L	3/23/2023	0.00088	0.002		0.0295
GU-18	d	Beryllium	7440-41-7	mg/L	3/23/2023	0.00027	0.001		<0.00100
GU-18	d	Cadmium	7440-43-9	mg/L	3/23/2023	0.000055	0.0001		0.000135
GU-18	d	Chromium	7440-47-3	mg/L	3/23/2023	0.0011	0.005		<0.00500
GU-18	d	Cobalt	7440-48-4	mg/L	3/23/2023	0.00019	0.0005		0.0028
GU-18	d	Copper	7440-50-8	mg/L	3/23/2023	0.0018	0.005		<0.00500
GU-18	d	Lead	7439-92-1	mg/L	3/23/2023	0.00024	0.0005	J	0.000262
GU-18	d	Nickel	7440-02-0	mg/L	3/23/2023	0.0019	0.005		0.0122
GU-18	d	Selenium	7782-49-2	mg/L	3/23/2023	0.00096	0.005	J	0.00149
GU-18	d	Silver	7440-22-4	mg/L	3/23/2023	0.00049	0.001		<0.00100
GU-18	d	Thallium	7440-28-0	mg/L	3/23/2023	0.00026	0.001	J	0.000315
GU-18	d	Vanadium	7440-62-2	mg/L	3/23/2023	0.0011	0.005		<0.00500
GU-18	d	Zinc	7440-66-6	mg/L	3/23/2023	0.01	0.02		<0.0200
GU-18	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	3/23/2023	0.38	1		<1.00
GU-18	d	1,1,1-Trichloroethane	71-55-6	ug/L	3/23/2023	0.19	1		<1.00
GU-18	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	3/23/2023	0.47	1		<1.00
GU-18	d	1,1,2-Trichloroethane	79-00-5	ug/L	3/23/2023	0.45	1		<1.00
GU-18	d	1,1-Dichloroethane	75-34-3	ug/L	3/23/2023	0.22	1		<1.00
GU-18	d	1,1-Dichloroethene	75-35-4	ug/L	3/23/2023	0.56	2		<2.00
GU-18	d	1,2,3-Trichloropropane	96-18-4	ug/L	3/23/2023	0.59	1		<1.00
GU-18	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	3/23/2023	1.2	5		<5.00
GU-18	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	3/23/2023	0.34	1		<1.00
GU-18	d	1,2-Dichlorobenzene	95-50-1	ug/L	3/23/2023	0.37	1		<1.00
GU-18	d	1,2-Dichloroethane	107-06-2	ug/L	3/23/2023	0.39	1		<1.00
GU-18	d	1,2-Dichloropropane	78-87-5	ug/L	3/23/2023	0.27	1		<1.00
GU-18	d	1,4-Dichlorobenzene	106-46-7	ug/L	3/23/2023	0.23	1		<1.00
GU-18	d	2-Butanone	78-93-3	ug/L	3/23/2023	2.1	10		<10.0
GU-18	d	2-Hexanone	591-78-6	ug/L	3/23/2023	2	10		<10.0
GU-18	d	4-Methyl-2-Pentanone	108-10-1	ug/L	3/23/2023	2.1	10		<10.0
GU-18	d	Acetone	67-64-1	ug/L	3/23/2023	3.1	10		<10.0
GU-18	d	Acrylonitrile	107-13-1	ug/L	3/23/2023	2.2	5		<5.00
GU-18	d	Benzene	71-43-2	ug/L	3/23/2023	0.22	0.5		<0.500
GU-18	d	Bromochloromethane	74-97-5	ug/L	3/23/2023	0.54	5		<5.00
GU-18	d	Bromodichloromethane	75-27-4	ug/L	3/23/2023	0.39	1		<1.00
GU-18	d	Bromoform	75-25-2	ug/L	3/23/2023	0.78	5		<5.00
GU-18	d	Bromomethane	74-83-9	ug/L	3/23/2023	1.1	4		<4.00
GU-18	d	Carbon Disulfide	75-15-0	ug/L	3/23/2023	0.45	1		<1.00

Table 9A
Analytical Data Summary - Phase II MSWLF
2024 Annual Water Quality Report
Phase II MSWLF and CWTS
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
GU-18	d	Carbon Tetrachloride	56-23-5	ug/L	3/23/2023	0.65	2		<2.00
GU-18	d	Chlorobenzene	108-90-7	ug/L	3/23/2023	0.4	1		<1.00
GU-18	d	Chlorodibromomethane	124-48-1	ug/L	3/23/2023	0.75	5		<5.00
GU-18	d	Chloroethane	75-00-3	ug/L	3/23/2023	0.79	4		<4.00
GU-18	d	Chloroform	67-66-3	ug/L	3/23/2023	1.3	3		<3.00
GU-18	d	Chloromethane	74-87-3	ug/L	3/23/2023	0.61	3		<3.00
GU-18	d	cis-1,2-Dichloroethene	156-59-2	ug/L	3/23/2023	0.21	1		<1.00
GU-18	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	3/23/2023	0.25	5		<5.00
GU-18	d	Methylene Bromide	74-95-3	ug/L	3/23/2023	0.33	1		<1.00
GU-18	d	Ethylbenzene	100-41-4	ug/L	3/23/2023	0.31	1		<1.00
GU-18	d	Iodomethane	74-88-4	ug/L	3/23/2023	7	10		<10.0
GU-18	d	Methylene Chloride	75-09-2	ug/L	3/23/2023	1.7	5		<5.00
GU-18	d	Styrene	100-42-5	ug/L	3/23/2023	0.37	1		<1.00
GU-18	d	Tetrachloroethene	127-18-4	ug/L	3/23/2023	0.48	1		<1.00
GU-18	d	Toluene	108-88-3	ug/L	3/23/2023	0.43	1		<1.00
GU-18	d	trans-1,2-Dichloroethene	156-60-5	ug/L	3/23/2023	0.27	1		<1.00
GU-18	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	3/23/2023	0.56	5		<5.00
GU-18	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	3/23/2023	1.1	10		<10.0
GU-18	d	Trichloroethene	79-01-6	ug/L	3/23/2023	0.43	1		<1.00
GU-18	d	Trichlorofluoromethane	75-69-4	ug/L	3/23/2023	0.38	4		<4.00
GU-18	d	Vinyl Acetate	108-05-4	ug/L	3/23/2023	2.5	10		<10.0
GU-18	d	Vinyl Chloride	75-01-4	ug/L	3/23/2023	0.18	1		<1.00
GU-18	d	Xylenes, total	1330-20-7	ug/L	3/23/2023	0.4	3		<3.00
GU-18	d	Total Suspended Solids	TSS	mg/L	3/23/2023	0.638	1.88		5.38
MW-67	d	Antimony	7440-36-0	mg/L	3/23/2023	0.00069	0.002		<0.00200
MW-67	d	Arsenic	7440-38-2	mg/L	3/23/2023	0.00075	0.002		<0.00200
MW-67	d	Barium	7440-39-3	mg/L	3/23/2023	0.00088	0.002		0.0281
MW-67	d	Beryllium	7440-41-7	mg/L	3/23/2023	0.00027	0.001		<0.00100
MW-67	d	Cadmium	7440-43-9	mg/L	3/23/2023	0.000055	0.0001		<0.000100
MW-67	d	Chromium	7440-47-3	mg/L	3/23/2023	0.0011	0.005		<0.00500
MW-67	d	Cobalt	7440-48-4	mg/L	3/23/2023	0.00019	0.0005	J	0.000353
MW-67	d	Copper	7440-50-8	mg/L	3/23/2023	0.0018	0.005		<0.00500
MW-67	d	Lead	7439-92-1	mg/L	3/23/2023	0.00024	0.0005		<0.000500
MW-67	d	Nickel	7440-02-0	mg/L	3/23/2023	0.0019	0.005	J	0.00252
MW-67	d	Selenium	7782-49-2	mg/L	3/23/2023	0.00096	0.005		<0.00500
MW-67	d	Silver	7440-22-4	mg/L	3/23/2023	0.00049	0.001		<0.00100
MW-67	d	Thallium	7440-28-0	mg/L	3/23/2023	0.00026	0.001		<0.00100
MW-67	d	Vanadium	7440-62-2	mg/L	3/23/2023	0.0011	0.005		<0.00500
MW-67	d	Zinc	7440-66-6	mg/L	3/23/2023	0.01	0.02		<0.0200
MW-67	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	3/23/2023	0.38	1		<1.00
MW-67	d	1,1,1-Trichloroethane	71-55-6	ug/L	3/23/2023	0.19	1		<1.00
MW-67	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	3/23/2023	0.47	1		<1.00
MW-67	d	1,1,2-Trichloroethane	79-00-5	ug/L	3/23/2023	0.45	1		<1.00
MW-67	d	1,1-Dichloroethane	75-34-3	ug/L	3/23/2023	0.22	1		<1.00
MW-67	d	1,1-Dichloroethene	75-35-4	ug/L	3/23/2023	0.56	2		<2.00
MW-67	d	1,2,3-Trichloropropane	96-18-4	ug/L	3/23/2023	0.59	1		<1.00
MW-67	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	3/23/2023	1.2	5		<5.00
MW-67	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	3/23/2023	0.34	1		<1.00
MW-67	d	1,2-Dichlorobenzene	95-50-1	ug/L	3/23/2023	0.37	1		<1.00
MW-67	d	1,2-Dichloroethane	107-06-2	ug/L	3/23/2023	0.39	1		<1.00
MW-67	d	1,2-Dichloropropane	78-87-5	ug/L	3/23/2023	0.27	1		<1.00
MW-67	d	1,4-Dichlorobenzene	106-46-7	ug/L	3/23/2023	0.23	1		<1.00
MW-67	d	2-Butanone	78-93-3	ug/L	3/23/2023	2.1	10		<10.0
MW-67	d	2-Hexanone	591-78-6	ug/L	3/23/2023	2	10		<10.0
MW-67	d	4-Methyl-2-Pentanone	108-10-1	ug/L	3/23/2023	2.1	10		<10.0
MW-67	d	Acetone	67-64-1	ug/L	3/23/2023	3.1	10		<10.0
MW-67	d	Acrylonitrile	107-13-1	ug/L	3/23/2023	2.2	5		<5.00
MW-67	d	Benzene	71-43-2	ug/L	3/23/2023	0.22	0.5		<0.500
MW-67	d	Bromochloromethane	74-97-5	ug/L	3/23/2023	0.54	5		<5.00
MW-67	d	Bromodichloromethane	75-27-4	ug/L	3/23/2023	0.39	1		<1.00
MW-67	d	Bromoform	75-25-2	ug/L	3/23/2023	0.78	5		<5.00
MW-67	d	Bromomethane	74-83-9	ug/L	3/23/2023	1.1	4		<4.00
MW-67	d	Carbon Disulfide	75-15-0	ug/L	3/23/2023	0.45	1		<1.00
MW-67	d	Carbon Tetrachloride	56-23-5	ug/L	3/23/2023	0.65	2		<2.00
MW-67	d	Chlorobenzene	108-90-7	ug/L	3/23/2023	0.4	1		<1.00
MW-67	d	Chlorodibromomethane	124-48-1	ug/L	3/23/2023	0.75	5		<5.00
MW-67	d	Chloroethane	75-00-3	ug/L	3/23/2023	0.79	4		<4.00
MW-67	d	Chloroform	67-66-3	ug/L	3/23/2023	1.3	3		<3.00
MW-67	d	Chloromethane	74-87-3	ug/L	3/23/2023	0.61	3		<3.00
MW-67	d	cis-1,2-Dichloroethene	156-59-2	ug/L	3/23/2023	0.21	1		<1.00
MW-67	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	3/23/2023	0.25	5		<5.00
MW-67	d	Methylene Bromide	74-95-3	ug/L	3/23/2023	0.33	1		<1.00
MW-67	d	Ethylbenzene	100-41-4	ug/L	3/23/2023	0.31	1		<1.00
MW-67	d	Iodomethane	74-88-4	ug/L	3/23/2023	7	10		<10.0
MW-67	d	Methylene Chloride	75-09-2	ug/L	3/23/2023	1.7	5		<5.00

Table 9A
Analytical Data Summary - Phase II MSWLF
2024 Annual Water Quality Report
Phase II MSWLF and CWTS
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-67	d	Styrene	100-42-5	ug/L	3/23/2023	0.37	1		<1.00
MW-67	d	Tetrachloroethene	127-18-4	ug/L	3/23/2023	0.48	1		<1.00
MW-67	d	Toluene	108-88-3	ug/L	3/23/2023	0.43	1		<1.00
MW-67	d	trans-1,2-Dichloroethene	156-60-5	ug/L	3/23/2023	0.27	1		<1.00
MW-67	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	3/23/2023	0.56	5		<5.00
MW-67	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	3/23/2023	1.1	10		<10.0
MW-67	d	Trichloroethene	79-01-6	ug/L	3/23/2023	0.43	1		<1.00
MW-67	d	Trichlorofluoromethane	75-69-4	ug/L	3/23/2023	0.38	4		<4.00
MW-67	d	Vinyl Acetate	108-05-4	ug/L	3/23/2023	2.5	10		<10.0
MW-67	d	Vinyl Chloride	75-01-4	ug/L	3/23/2023	0.18	1		<1.00
MW-67	d	Xylenes, total	1330-20-7	ug/L	3/23/2023	0.4	3		<3.00
MW-67	d	Total Suspended Solids	TSS	mg/L	3/23/2023	0.638	1.88	J	0.75
MW-26	u	Antimony	7440-36-0	mg/L	3/24/2023	0.00069	0.002		<0.00200
MW-26	u	Arsenic	7440-38-2	mg/L	3/24/2023	0.00075	0.002		<0.00200
MW-26	u	Barium	7440-39-3	mg/L	3/24/2023	0.00088	0.002		0.0775
MW-26	u	Beryllium	7440-41-7	mg/L	3/24/2023	0.00027	0.001		<0.00100
MW-26	u	Cadmium	7440-43-9	mg/L	3/24/2023	0.000055	0.0001		0.000112
MW-26	u	Chromium	7440-47-3	mg/L	3/24/2023	0.0011	0.005		0.00786
MW-26	u	Cobalt	7440-48-4	mg/L	3/24/2023	0.00019	0.0005	J	0.000324
MW-26	u	Copper	7440-50-8	mg/L	3/24/2023	0.0018	0.005		0.00645
MW-26	u	Lead	7439-92-1	mg/L	3/24/2023	0.00024	0.0005		<0.000500
MW-26	u	Nickel	7440-02-0	mg/L	3/24/2023	0.0019	0.005	J	0.00385
MW-26	u	Selenium	7782-49-2	mg/L	3/24/2023	0.00096	0.005		0.0232
MW-26	u	Silver	7440-22-4	mg/L	3/24/2023	0.00049	0.001		<0.00100
MW-26	u	Thallium	7440-28-0	mg/L	3/24/2023	0.00026	0.001		<0.00100
MW-26	u	Vanadium	7440-62-2	mg/L	3/24/2023	0.0011	0.005		<0.00500
MW-26	u	Zinc	7440-66-6	mg/L	3/24/2023	0.01	0.02		<0.0200
MW-26	u	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	3/24/2023	0.38	1		<1.00
MW-26	u	1,1,1-Trichloroethane	71-55-6	ug/L	3/24/2023	0.19	1		<1.00
MW-26	u	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	3/24/2023	0.47	1		<1.00
MW-26	u	1,1,2-Trichloroethane	79-00-5	ug/L	3/24/2023	0.45	1		<1.00
MW-26	u	1,1-Dichloroethane	75-34-3	ug/L	3/24/2023	0.22	1		<1.00
MW-26	u	1,1-Dichloroethene	75-35-4	ug/L	3/24/2023	0.56	2		<2.00
MW-26	u	1,2,3-Trichloropropane	96-18-4	ug/L	3/24/2023	0.59	1		<1.00
MW-26	u	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	3/24/2023	1.2	5		<5.00
MW-26	u	1,2-Dibromoethane [EDB]	106-93-4	ug/L	3/24/2023	0.34	1		<1.00
MW-26	u	1,2-Dichlorobenzene	95-50-1	ug/L	3/24/2023	0.37	1		<1.00
MW-26	u	1,2-Dichloroethane	107-06-2	ug/L	3/24/2023	0.39	1		<1.00
MW-26	u	1,2-Dichloropropane	78-87-5	ug/L	3/24/2023	0.27	1		<1.00
MW-26	u	1,4-Dichlorobenzene	106-46-7	ug/L	3/24/2023	0.23	1		<1.00
MW-26	u	2-Butanone	78-93-3	ug/L	3/24/2023	2.1	10		<10.0
MW-26	u	2-Hexanone	591-78-6	ug/L	3/24/2023	2	10		<10.0
MW-26	u	4-Methyl-2-Pentanone	108-10-1	ug/L	3/24/2023	2.1	10		<10.0
MW-26	u	Acetone	67-64-1	ug/L	3/24/2023	3.1	10		<10.0
MW-26	u	Acrylonitrile	107-13-1	ug/L	3/24/2023	2.2	5		<5.00
MW-26	u	Benzene	71-43-2	ug/L	3/24/2023	0.22	0.5		<0.500
MW-26	u	Bromochloromethane	74-97-5	ug/L	3/24/2023	0.54	5		<5.00
MW-26	u	Bromodichloromethane	75-27-4	ug/L	3/24/2023	0.39	1		<1.00
MW-26	u	Bromoform	75-25-2	ug/L	3/24/2023	0.78	5		<5.00
MW-26	u	Bromomethane	74-83-9	ug/L	3/24/2023	1.1	4		<4.00
MW-26	u	Carbon Disulfide	75-15-0	ug/L	3/24/2023	0.45	1		<1.00
MW-26	u	Carbon Tetrachloride	56-23-5	ug/L	3/24/2023	0.65	2		<2.00
MW-26	u	Chlorobenzene	108-90-7	ug/L	3/24/2023	0.4	1		<1.00
MW-26	u	Chlorodibromomethane	124-48-1	ug/L	3/24/2023	0.75	5		<5.00
MW-26	u	Chloroethane	75-00-3	ug/L	3/24/2023	0.79	4		<4.00
MW-26	u	Chloroform	67-66-3	ug/L	3/24/2023	1.3	3		<3.00
MW-26	u	Chloromethane	74-87-3	ug/L	3/24/2023	0.61	3		<3.00
MW-26	u	cis-1,2-Dichloroethene	156-59-2	ug/L	3/24/2023	0.21	1		<1.00
MW-26	u	cis-1,3-Dichloropropene	10061-01-5	ug/L	3/24/2023	0.25	5		<5.00
MW-26	u	Methylene Bromide	74-95-3	ug/L	3/24/2023	0.33	1		<1.00
MW-26	u	Ethylbenzene	100-41-4	ug/L	3/24/2023	0.31	1		<1.00
MW-26	u	Iodomethane	74-88-4	ug/L	3/24/2023	7	10		<10.0
MW-26	u	Methylene Chloride	75-09-2	ug/L	3/24/2023	1.7	5		<5.00
MW-26	u	Styrene	100-42-5	ug/L	3/24/2023	0.37	1		<1.00
MW-26	u	Tetrachloroethene	127-18-4	ug/L	3/24/2023	0.48	1		<1.00
MW-26	u	Toluene	108-88-3	ug/L	3/24/2023	0.43	1		<1.00
MW-26	u	trans-1,2-Dichloroethene	156-60-5	ug/L	3/24/2023	0.27	1		<1.00
MW-26	u	trans-1,3-Dichloropropene	10061-02-6	ug/L	3/24/2023	0.56	5		<5.00
MW-26	u	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	3/24/2023	1.1	10		<10.0
MW-26	u	Trichloroethene	79-01-6	ug/L	3/24/2023	0.43	1		<1.00
MW-26	u	Trichlorofluoromethane	75-69-4	ug/L	3/24/2023	0.38	4		<4.00
MW-26	u	Vinyl Acetate	108-05-4	ug/L	3/24/2023	2.5	10		<10.0
MW-26	u	Vinyl Chloride	75-01-4	ug/L	3/24/2023	0.18	1		<1.00
MW-26	u	Xylenes, total	1330-20-7	ug/L	3/24/2023	0.4	3		<3.00
MW-26	u	Total Suspended Solids	TSS	mg/L	3/24/2023	0.638	1.88		<1.88

Table 9A
Analytical Data Summary - Phase II MSWLF
2024 Annual Water Quality Report
Phase II MSWLF and CWTS
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
GU-3	d	Antimony	7440-36-0	mg/L	3/24/2023	0.00069	0.002		<0.00200
GU-3	d	Arsenic	7440-38-2	mg/L	3/24/2023	0.00075	0.002		<0.00200
GU-3	d	Barium	7440-39-3	mg/L	3/24/2023	0.00088	0.002		0.0334
GU-3	d	Beryllium	7440-41-7	mg/L	3/24/2023	0.00027	0.001		<0.00100
GU-3	d	Cadmium	7440-43-9	mg/L	3/24/2023	0.000055	0.0001		0.000551
GU-3	d	Chromium	7440-47-3	mg/L	3/24/2023	0.0011	0.005		<0.00500
GU-3	d	Cobalt	7440-48-4	mg/L	3/24/2023	0.00019	0.0005		0.000628
GU-3	d	Copper	7440-50-8	mg/L	3/24/2023	0.0018	0.005		<0.00500
GU-3	d	Lead	7439-92-1	mg/L	3/24/2023	0.00024	0.0005	J	0.000249
GU-3	d	Nickel	7440-02-0	mg/L	3/24/2023	0.0019	0.005		0.0124
GU-3	d	Selenium	7782-49-2	mg/L	3/24/2023	0.00096	0.005		<0.00500
GU-3	d	Silver	7440-22-4	mg/L	3/24/2023	0.00049	0.001		<0.00100
GU-3	d	Thallium	7440-28-0	mg/L	3/24/2023	0.00026	0.001	J	0.00032
GU-3	d	Vanadium	7440-62-2	mg/L	3/24/2023	0.0011	0.005		<0.00500
GU-3	d	Zinc	7440-66-6	mg/L	3/24/2023	0.01	0.02		0.0286
GU-3	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	3/24/2023	0.38	1		<1.00
GU-3	d	1,1,1-Trichloroethane	71-55-6	ug/L	3/24/2023	0.19	1		<1.00
GU-3	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	3/24/2023	0.47	1		<1.00
GU-3	d	1,1,2-Trichloroethane	79-00-5	ug/L	3/24/2023	0.45	1		<1.00
GU-3	d	1,1-Dichloroethane	75-34-3	ug/L	3/24/2023	0.22	1		<1.00
GU-3	d	1,1-Dichloroethene	75-35-4	ug/L	3/24/2023	0.56	2		<2.00
GU-3	d	1,2,3-Trichloropropane	96-18-4	ug/L	3/24/2023	0.59	1		<1.00
GU-3	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	3/24/2023	1.2	5		<5.00
GU-3	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	3/24/2023	0.34	1		<1.00
GU-3	d	1,2-Dichlorobenzene	95-50-1	ug/L	3/24/2023	0.37	1		<1.00
GU-3	d	1,2-Dichloroethane	107-06-2	ug/L	3/24/2023	0.39	1		<1.00
GU-3	d	1,2-Dichloropropane	78-87-5	ug/L	3/24/2023	0.27	1		<1.00
GU-3	d	1,4-Dichlorobenzene	106-46-7	ug/L	3/24/2023	0.23	1		<1.00
GU-3	d	2-Butanone	78-93-3	ug/L	3/24/2023	2.1	10		<10.0
GU-3	d	2-Hexanone	591-78-6	ug/L	3/24/2023	2	10		<10.0
GU-3	d	4-Methyl-2-Pentanone	108-10-1	ug/L	3/24/2023	2.1	10		<10.0
GU-3	d	Acetone	67-64-1	ug/L	3/24/2023	3.1	10		<10.0
GU-3	d	Acrylonitrile	107-13-1	ug/L	3/24/2023	2.2	5		<5.00
GU-3	d	Benzene	71-43-2	ug/L	3/24/2023	0.22	0.5		<0.500
GU-3	d	Bromochloromethane	74-97-5	ug/L	3/24/2023	0.54	5		<5.00
GU-3	d	Bromodichloromethane	75-27-4	ug/L	3/24/2023	0.39	1		<1.00
GU-3	d	Bromoform	75-25-2	ug/L	3/24/2023	0.78	5		<5.00
GU-3	d	Bromomethane	74-83-9	ug/L	3/24/2023	1.1	4		<4.00
GU-3	d	Carbon Disulfide	75-15-0	ug/L	3/24/2023	0.45	1		<1.00
GU-3	d	Carbon Tetrachloride	56-23-5	ug/L	3/24/2023	0.65	2		<2.00
GU-3	d	Chlorobenzene	108-90-7	ug/L	3/24/2023	0.4	1		<1.00
GU-3	d	Chlorodibromomethane	124-48-1	ug/L	3/24/2023	0.75	5		<5.00
GU-3	d	Chloroethane	75-00-3	ug/L	3/24/2023	0.79	4		<4.00
GU-3	d	Chloroform	67-66-3	ug/L	3/24/2023	1.3	3		<3.00
GU-3	d	Chloromethane	74-87-3	ug/L	3/24/2023	0.61	3		<3.00
GU-3	d	cis-1,2-Dichloroethene	156-59-2	ug/L	3/24/2023	0.21	1		<1.00
GU-3	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	3/24/2023	0.25	5		<5.00
GU-3	d	Methylene Bromide	74-95-3	ug/L	3/24/2023	0.33	1		<1.00
GU-3	d	Ethylbenzene	100-41-4	ug/L	3/24/2023	0.31	1		<1.00
GU-3	d	Iodomethane	74-88-4	ug/L	3/24/2023	7	10		<10.0
GU-3	d	Methylene Chloride	75-09-2	ug/L	3/24/2023	1.7	5		<5.00
GU-3	d	Styrene	100-42-5	ug/L	3/24/2023	0.37	1		<1.00
GU-3	d	Tetrachloroethene	127-18-4	ug/L	3/24/2023	0.48	1		<1.00
GU-3	d	Toluene	108-88-3	ug/L	3/24/2023	0.43	1		<1.00
GU-3	d	trans-1,2-Dichloroethene	156-60-5	ug/L	3/24/2023	0.27	1		<1.00
GU-3	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	3/24/2023	0.56	5		<5.00
GU-3	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	3/24/2023	1.1	10		<10.0
GU-3	d	Trichloroethene	79-01-6	ug/L	3/24/2023	0.43	1		<1.00
GU-3	d	Trichlorofluoromethane	75-69-4	ug/L	3/24/2023	0.38	4		<4.00
GU-3	d	Vinyl Acetate	108-05-4	ug/L	3/24/2023	2.5	10		<10.0
GU-3	d	Vinyl Chloride	75-01-4	ug/L	3/24/2023	0.18	1		<1.00
GU-3	d	Xylenes, total	1330-20-7	ug/L	3/24/2023	0.4	3		<3.00
GU-3	d	Total Suspended Solids	TSS	mg/L	3/24/2023	0.638	1.88		<1.88
MW-B	d	Antimony	7440-36-0	mg/L	3/24/2023	0.00069	0.002		<0.00200
MW-B	d	Arsenic	7440-38-2	mg/L	3/24/2023	0.00075	0.002	J	0.000823
MW-B	d	Barium	7440-39-3	mg/L	3/24/2023	0.00088	0.002		0.0616
MW-B	d	Beryllium	7440-41-7	mg/L	3/24/2023	0.00027	0.001		<0.00100
MW-B	d	Cadmium	7440-43-9	mg/L	3/24/2023	0.000055	0.0001		0.000111
MW-B	d	Chromium	7440-47-3	mg/L	3/24/2023	0.0011	0.005		<0.00500
MW-B	d	Cobalt	7440-48-4	mg/L	3/24/2023	0.00019	0.0005		0.00106
MW-B	d	Copper	7440-50-8	mg/L	3/24/2023	0.0018	0.005	J	0.00308
MW-B	d	Lead	7439-92-1	mg/L	3/24/2023	0.00024	0.0005		0.000686
MW-B	d	Nickel	7440-02-0	mg/L	3/24/2023	0.0019	0.005	J	0.00298
MW-B	d	Selenium	7782-49-2	mg/L	3/24/2023	0.00096	0.005		<0.00500
MW-B	d	Silver	7440-22-4	mg/L	3/24/2023	0.00049	0.001		<0.00100

Table 9A
Analytical Data Summary - Phase II MSWLF
2024 Annual Water Quality Report
Phase II MSWLF and CWTS
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-B	d	Thallium	7440-28-0	mg/L	3/24/2023	0.00026	0.001		<0.00100
MW-B	d	Vanadium	7440-62-2	mg/L	3/24/2023	0.0011	0.005	J	0.00228
MW-B	d	Zinc	7440-66-6	mg/L	3/24/2023	0.01	0.02		<0.0200
MW-B	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	3/24/2023	0.38	1		<1.00
MW-B	d	1,1,1-Trichloroethane	71-55-6	ug/L	3/24/2023	0.19	1		<1.00
MW-B	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	3/24/2023	0.47	1		<1.00
MW-B	d	1,1,2-Trichloroethane	79-00-5	ug/L	3/24/2023	0.45	1		<1.00
MW-B	d	1,1-Dichloroethane	75-34-3	ug/L	3/24/2023	0.22	1		<1.00
MW-B	d	1,1-Dichloroethene	75-35-4	ug/L	3/24/2023	0.56	2		<2.00
MW-B	d	1,2,3-Trichloropropane	96-18-4	ug/L	3/24/2023	0.59	1		<1.00
MW-B	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	3/24/2023	1.2	5		<5.00
MW-B	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	3/24/2023	0.34	1		<1.00
MW-B	d	1,2-Dichlorobenzene	95-50-1	ug/L	3/24/2023	0.37	1		<1.00
MW-B	d	1,2-Dichloroethane	107-06-2	ug/L	3/24/2023	0.39	1		<1.00
MW-B	d	1,2-Dichloropropane	78-87-5	ug/L	3/24/2023	0.27	1		<1.00
MW-B	d	1,4-Dichlorobenzene	106-46-7	ug/L	3/24/2023	0.23	1		<1.00
MW-B	d	2-Butanone	78-93-3	ug/L	3/24/2023	2.1	10		<10.0
MW-B	d	2-Hexanone	591-78-6	ug/L	3/24/2023	2	10		<10.0
MW-B	d	4-Methyl-2-Pentanone	108-10-1	ug/L	3/24/2023	2.1	10		<10.0
MW-B	d	Acetone	67-64-1	ug/L	3/24/2023	3.1	10		<10.0
MW-B	d	Acrylonitrile	107-13-1	ug/L	3/24/2023	2.2	5		<5.00
MW-B	d	Benzene	71-43-2	ug/L	3/24/2023	0.22	0.5		<0.500
MW-B	d	Bromochloromethane	74-97-5	ug/L	3/24/2023	0.54	5		<5.00
MW-B	d	Bromodichloromethane	75-27-4	ug/L	3/24/2023	0.39	1		<1.00
MW-B	d	Bromoform	75-25-2	ug/L	3/24/2023	0.78	5		<5.00
MW-B	d	Bromomethane	74-83-9	ug/L	3/24/2023	1.1	4		<4.00
MW-B	d	Carbon Disulfide	75-15-0	ug/L	3/24/2023	0.45	1		<1.00
MW-B	d	Carbon Tetrachloride	56-23-5	ug/L	3/24/2023	0.65	2		<2.00
MW-B	d	Chlorobenzene	108-90-7	ug/L	3/24/2023	0.4	1		<1.00
MW-B	d	Chlorodibromomethane	124-48-1	ug/L	3/24/2023	0.75	5		<5.00
MW-B	d	Chloroethane	75-00-3	ug/L	3/24/2023	0.79	4		<4.00
MW-B	d	Chloroform	67-66-3	ug/L	3/24/2023	1.3	3		<3.00
MW-B	d	Chloromethane	74-87-3	ug/L	3/24/2023	0.61	3		<3.00
MW-B	d	cis-1,2-Dichloroethene	156-59-2	ug/L	3/24/2023	0.21	1		<1.00
MW-B	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	3/24/2023	0.25	5		<5.00
MW-B	d	Methylene Bromide	74-95-3	ug/L	3/24/2023	0.33	1		<1.00
MW-B	d	Ethylbenzene	100-41-4	ug/L	3/24/2023	0.31	1		<1.00
MW-B	d	Iodomethane	74-88-4	ug/L	3/24/2023	7	10		<10.0
MW-B	d	Methylene Chloride	75-09-2	ug/L	3/24/2023	1.7	5		<5.00
MW-B	d	Styrene	100-42-5	ug/L	3/24/2023	0.37	1		<1.00
MW-B	d	Tetrachloroethene	127-18-4	ug/L	3/24/2023	0.48	1		<1.00
MW-B	d	Toluene	108-88-3	ug/L	3/24/2023	0.43	1		<1.00
MW-B	d	trans-1,2-Dichloroethene	156-60-5	ug/L	3/24/2023	0.27	1		<1.00
MW-B	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	3/24/2023	0.56	5		<5.00
MW-B	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	3/24/2023	1.1	10		<10.0
MW-B	d	Trichloroethene	79-01-6	ug/L	3/24/2023	0.43	1		<1.00
MW-B	d	Trichlorofluoromethane	75-69-4	ug/L	3/24/2023	0.38	4		<4.00
MW-B	d	Vinyl Acetate	108-05-4	ug/L	3/24/2023	2.5	10		<10.0
MW-B	d	Vinyl Chloride	75-01-4	ug/L	3/24/2023	0.18	1		<1.00
MW-B	d	Xylenes, total	1330-20-7	ug/L	3/24/2023	0.4	3		<3.00
MW-B	d	Total Suspended Solids	TSS	mg/L	3/24/2023	0.638	1.88		4.75
GU-5	d	Antimony	7440-36-0	mg/L	3/24/2023	0.00069	0.002		<0.00200
GU-5	d	Arsenic	7440-38-2	mg/L	3/24/2023	0.00075	0.002		<0.00200
GU-5	d	Barium	7440-39-3	mg/L	3/24/2023	0.00088	0.002		0.0213
GU-5	d	Beryllium	7440-41-7	mg/L	3/24/2023	0.00027	0.001		<0.00100
GU-5	d	Cadmium	7440-43-9	mg/L	3/24/2023	0.000055	0.0001	J	0.000057
GU-5	d	Chromium	7440-47-3	mg/L	3/24/2023	0.0011	0.005		<0.00500
GU-5	d	Cobalt	7440-48-4	mg/L	3/24/2023	0.00019	0.0005	J	0.000357
GU-5	d	Copper	7440-50-8	mg/L	3/24/2023	0.0018	0.005		<0.00500
GU-5	d	Lead	7439-92-1	mg/L	3/24/2023	0.00024	0.0005		<0.000500
GU-5	d	Nickel	7440-02-0	mg/L	3/24/2023	0.0019	0.005		<0.00500
GU-5	d	Selenium	7782-49-2	mg/L	3/24/2023	0.00096	0.005		<0.00500
GU-5	d	Silver	7440-22-4	mg/L	3/24/2023	0.00049	0.001		<0.00100
GU-5	d	Thallium	7440-28-0	mg/L	3/24/2023	0.00026	0.001		<0.00100
GU-5	d	Vanadium	7440-62-2	mg/L	3/24/2023	0.0011	0.005		<0.00500
GU-5	d	Zinc	7440-66-6	mg/L	3/24/2023	0.01	0.02		<0.0200
GU-5	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	3/24/2023	0.38	1		<1.00
GU-5	d	1,1,1-Trichloroethane	71-55-6	ug/L	3/24/2023	0.19	1		<1.00
GU-5	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	3/24/2023	0.47	1		<1.00
GU-5	d	1,1,2-Trichloroethane	79-00-5	ug/L	3/24/2023	0.45	1		<1.00
GU-5	d	1,1-Dichloroethane	75-34-3	ug/L	3/24/2023	0.22	1		<1.00
GU-5	d	1,1-Dichloroethene	75-35-4	ug/L	3/24/2023	0.56	2		<2.00
GU-5	d	1,2,3-Trichloropropane	96-18-4	ug/L	3/24/2023	0.59	1		<1.00
GU-5	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	3/24/2023	1.2	5		<5.00
GU-5	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	3/24/2023	0.34	1		<1.00

Table 9A
Analytical Data Summary - Phase II MSWLF
2024 Annual Water Quality Report
Phase II MSWLF and CWTS
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
GU-5	d	1,2-Dichlorobenzene	95-50-1	ug/L	3/24/2023	0.37	1		<1.00
GU-5	d	1,2-Dichloroethane	107-06-2	ug/L	3/24/2023	0.39	1		<1.00
GU-5	d	1,2-Dichloropropane	78-87-5	ug/L	3/24/2023	0.27	1		<1.00
GU-5	d	1,4-Dichlorobenzene	106-46-7	ug/L	3/24/2023	0.23	1		<1.00
GU-5	d	2-Butanone	78-93-3	ug/L	3/24/2023	2.1	10		<10.0
GU-5	d	2-Hexanone	591-78-6	ug/L	3/24/2023	2	10		<10.0
GU-5	d	4-Methyl-2-Pentanone	108-10-1	ug/L	3/24/2023	2.1	10		<10.0
GU-5	d	Acetone	67-64-1	ug/L	3/24/2023	3.1	10		<10.0
GU-5	d	Acrylonitrile	107-13-1	ug/L	3/24/2023	2.2	5		<5.00
GU-5	d	Benzene	71-43-2	ug/L	3/24/2023	0.22	0.5		<0.500
GU-5	d	Bromochloromethane	74-97-5	ug/L	3/24/2023	0.54	5		<5.00
GU-5	d	Bromodichloromethane	75-27-4	ug/L	3/24/2023	0.39	1		<1.00
GU-5	d	Bromoform	75-25-2	ug/L	3/24/2023	0.78	5		<5.00
GU-5	d	Bromomethane	74-83-9	ug/L	3/24/2023	1.1	4		<4.00
GU-5	d	Carbon Disulfide	75-15-0	ug/L	3/24/2023	0.45	1		<1.00
GU-5	d	Carbon Tetrachloride	56-23-5	ug/L	3/24/2023	0.65	2		<2.00
GU-5	d	Chlorobenzene	108-90-7	ug/L	3/24/2023	0.4	1		<1.00
GU-5	d	Chlorodibromomethane	124-48-1	ug/L	3/24/2023	0.75	5		<5.00
GU-5	d	Chloroethane	75-00-3	ug/L	3/24/2023	0.79	4		<4.00
GU-5	d	Chloroform	67-66-3	ug/L	3/24/2023	1.3	3		<3.00
GU-5	d	Chloromethane	74-87-3	ug/L	3/24/2023	0.61	3		<3.00
GU-5	d	cis-1,2-Dichloroethene	156-59-2	ug/L	3/24/2023	0.21	1		<1.00
GU-5	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	3/24/2023	0.25	5		<5.00
GU-5	d	Methylene Bromide	74-95-3	ug/L	3/24/2023	0.33	1		<1.00
GU-5	d	Ethylbenzene	100-41-4	ug/L	3/24/2023	0.31	1		<1.00
GU-5	d	Iodomethane	74-88-4	ug/L	3/24/2023	7	10		<10.0
GU-5	d	Methylene Chloride	75-09-2	ug/L	3/24/2023	1.7	5		<5.00
GU-5	d	Styrene	100-42-5	ug/L	3/24/2023	0.37	1		<1.00
GU-5	d	Tetrachloroethene	127-18-4	ug/L	3/24/2023	0.48	1		<1.00
GU-5	d	Toluene	108-88-3	ug/L	3/24/2023	0.43	1		<1.00
GU-5	d	trans-1,2-Dichloroethene	156-60-5	ug/L	3/24/2023	0.27	1		<1.00
GU-5	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	3/24/2023	0.56	5		<5.00
GU-5	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	3/24/2023	1.1	10		<10.0
GU-5	d	Trichloroethene	79-01-6	ug/L	3/24/2023	0.43	1		<1.00
GU-5	d	Trichlorofluoromethane	75-69-4	ug/L	3/24/2023	0.38	4		<4.00
GU-5	d	Vinyl Acetate	108-05-4	ug/L	3/24/2023	2.5	10		<10.0
GU-5	d	Vinyl Chloride	75-01-4	ug/L	3/24/2023	0.18	1		<1.00
GU-5	d	Xylenes, total	1330-20-7	ug/L	3/24/2023	0.4	3		<3.00
GU-5	d	Total Suspended Solids	TSS	mg/L	3/24/2023	0.638	1.88		2
GU-4	d	Antimony	7440-36-0	mg/L	3/24/2023	0.00069	0.002		<0.00200
GU-4	d	Arsenic	7440-38-2	mg/L	3/24/2023	0.00075	0.002		0.00385
GU-4	d	Barium	7440-39-3	mg/L	3/24/2023	0.00088	0.002		0.0892
GU-4	d	Beryllium	7440-41-7	mg/L	3/24/2023	0.00027	0.001		<0.00100
GU-4	d	Cadmium	7440-43-9	mg/L	3/24/2023	0.000055	0.0001		0.000232
GU-4	d	Chromium	7440-47-3	mg/L	3/24/2023	0.0011	0.005		0.0141
GU-4	d	Cobalt	7440-48-4	mg/L	3/24/2023	0.00019	0.0005		0.00212
GU-4	d	Copper	7440-50-8	mg/L	3/24/2023	0.0018	0.005	J	0.00382
GU-4	d	Lead	7439-92-1	mg/L	3/24/2023	0.00024	0.0005		0.000852
GU-4	d	Nickel	7440-02-0	mg/L	3/24/2023	0.0019	0.005		0.0196
GU-4	d	Selenium	7782-49-2	mg/L	3/24/2023	0.00096	0.005		<0.00500
GU-4	d	Silver	7440-22-4	mg/L	3/24/2023	0.00049	0.001		<0.00100
GU-4	d	Thallium	7440-28-0	mg/L	3/24/2023	0.00026	0.001	J	0.000281
GU-4	d	Vanadium	7440-62-2	mg/L	3/24/2023	0.0011	0.005	J	0.00321
GU-4	d	Zinc	7440-66-6	mg/L	3/24/2023	0.01	0.02		0.0205
GU-4	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	3/24/2023	0.38	1		<1.00
GU-4	d	1,1,1-Trichloroethane	71-55-6	ug/L	3/24/2023	0.19	1		<1.00
GU-4	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	3/24/2023	0.47	1		<1.00
GU-4	d	1,1,2-Trichloroethane	79-00-5	ug/L	3/24/2023	0.45	1		<1.00
GU-4	d	1,1-Dichloroethane	75-34-3	ug/L	3/24/2023	0.22	1		<1.00
GU-4	d	1,1-Dichloroethene	75-35-4	ug/L	3/24/2023	0.56	2		<2.00
GU-4	d	1,2,3-Trichloropropane	96-18-4	ug/L	3/24/2023	0.59	1		<1.00
GU-4	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	3/24/2023	1.2	5		<5.00
GU-4	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	3/24/2023	0.34	1		<1.00
GU-4	d	1,2-Dichlorobenzene	95-50-1	ug/L	3/24/2023	0.37	1		<1.00
GU-4	d	1,2-Dichloroethane	107-06-2	ug/L	3/24/2023	0.39	1		<1.00
GU-4	d	1,2-Dichloropropane	78-87-5	ug/L	3/24/2023	0.27	1		<1.00
GU-4	d	1,4-Dichlorobenzene	106-46-7	ug/L	3/24/2023	0.23	1		<1.00
GU-4	d	2-Butanone	78-93-3	ug/L	3/24/2023	2.1	10		<10.0
GU-4	d	2-Hexanone	591-78-6	ug/L	3/24/2023	2	10		<10.0
GU-4	d	4-Methyl-2-Pentanone	108-10-1	ug/L	3/24/2023	2.1	10		<10.0
GU-4	d	Acetone	67-64-1	ug/L	3/24/2023	3.1	10		<10.0
GU-4	d	Acrylonitrile	107-13-1	ug/L	3/24/2023	2.2	5		<5.00
GU-4	d	Benzene	71-43-2	ug/L	3/24/2023	0.22	0.5		<0.500
GU-4	d	Bromochloromethane	74-97-5	ug/L	3/24/2023	0.54	5		<5.00
GU-4	d	Bromodichloromethane	75-27-4	ug/L	3/24/2023	0.39	1		<1.00

Table 9A
Analytical Data Summary - Phase II MSWLF
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Phase II MSWLF and CWTS
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
GU-4	d	Bromoform	75-25-2	ug/L	3/24/2023	0.78	5		<5.00
GU-4	d	Bromomethane	74-83-9	ug/L	3/24/2023	1.1	4		<4.00
GU-4	d	Carbon Disulfide	75-15-0	ug/L	3/24/2023	0.45	1		<1.00
GU-4	d	Carbon Tetrachloride	56-23-5	ug/L	3/24/2023	0.65	2		<2.00
GU-4	d	Chlorobenzene	108-90-7	ug/L	3/24/2023	0.4	1		<1.00
GU-4	d	Chlorodibromomethane	124-48-1	ug/L	3/24/2023	0.75	5		<5.00
GU-4	d	Chloroethane	75-00-3	ug/L	3/24/2023	0.79	4		<4.00
GU-4	d	Chloroform	67-66-3	ug/L	3/24/2023	1.3	3		<3.00
GU-4	d	Chloromethane	74-87-3	ug/L	3/24/2023	0.61	3		<3.00
GU-4	d	cis-1,2-Dichloroethene	156-59-2	ug/L	3/24/2023	0.21	1	J	0.214
GU-4	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	3/24/2023	0.25	5		<5.00
GU-4	d	Methylene Bromide	74-95-3	ug/L	3/24/2023	0.33	1		<1.00
GU-4	d	Ethylbenzene	100-41-4	ug/L	3/24/2023	0.31	1		<1.00
GU-4	d	Iodomethane	74-88-4	ug/L	3/24/2023	7	10		<10.0
GU-4	d	Methylene Chloride	75-09-2	ug/L	3/24/2023	1.7	5		<5.00
GU-4	d	Styrene	100-42-5	ug/L	3/24/2023	0.37	1		<1.00
GU-4	d	Tetrachloroethene	127-18-4	ug/L	3/24/2023	0.48	1		<1.00
GU-4	d	Toluene	108-88-3	ug/L	3/24/2023	0.43	1		<1.00
GU-4	d	trans-1,2-Dichloroethene	156-60-5	ug/L	3/24/2023	0.27	1		<1.00
GU-4	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	3/24/2023	0.56	5		<5.00
GU-4	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	3/24/2023	1.1	10		<10.0
GU-4	d	Trichloroethene	79-01-6	ug/L	3/24/2023	0.43	1		<1.00
GU-4	d	Trichlorofluoromethane	75-69-4	ug/L	3/24/2023	0.38	4		<4.00
GU-4	d	Vinyl Acetate	108-05-4	ug/L	3/24/2023	2.5	10		<10.0
GU-4	d	Vinyl Chloride	75-01-4	ug/L	3/24/2023	0.18	1		<1.00
GU-4	d	Xylenes, total	1330-20-7	ug/L	3/24/2023	0.4	3		<3.00
GU-4	d	Total Suspended Solids	TSS	mg/L	3/24/2023	5.1	15		206
MW-C	d	Antimony	7440-36-0	mg/L	3/24/2023	0.00069	0.002		<0.00200
MW-C	d	Arsenic	7440-38-2	mg/L	3/24/2023	0.00075	0.002		<0.00200
MW-C	d	Barium	7440-39-3	mg/L	3/24/2023	0.00088	0.002		0.22
MW-C	d	Beryllium	7440-41-7	mg/L	3/24/2023	0.00027	0.001		<0.00100
MW-C	d	Cadmium	7440-43-9	mg/L	3/24/2023	0.000055	0.0001		<0.000100
MW-C	d	Chromium	7440-47-3	mg/L	3/24/2023	0.0011	0.005		<0.00500
MW-C	d	Cobalt	7440-48-4	mg/L	3/24/2023	0.00019	0.0005	J	0.000497
MW-C	d	Copper	7440-50-8	mg/L	3/24/2023	0.0018	0.005		<0.00500
MW-C	d	Lead	7439-92-1	mg/L	3/24/2023	0.00024	0.0005	J	0.000335
MW-C	d	Nickel	7440-02-0	mg/L	3/24/2023	0.0019	0.005		<0.00500
MW-C	d	Selenium	7782-49-2	mg/L	3/24/2023	0.00096	0.005		<0.00500
MW-C	d	Silver	7440-22-4	mg/L	3/24/2023	0.00049	0.001		<0.00100
MW-C	d	Thallium	7440-28-0	mg/L	3/24/2023	0.00026	0.001		<0.00100
MW-C	d	Vanadium	7440-62-2	mg/L	3/24/2023	0.0011	0.005		<0.00500
MW-C	d	Zinc	7440-66-6	mg/L	3/24/2023	0.01	0.02		<0.0200
MW-C	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	3/24/2023	0.38	1		<1.00
MW-C	d	1,1,1-Trichloroethane	71-55-6	ug/L	3/24/2023	0.19	1		<1.00
MW-C	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	3/24/2023	0.47	1		<1.00
MW-C	d	1,1,2-Trichloroethane	79-00-5	ug/L	3/24/2023	0.45	1		<1.00
MW-C	d	1,1-Dichloroethane	75-34-3	ug/L	3/24/2023	0.22	1		<1.00
MW-C	d	1,1-Dichloroethene	75-35-4	ug/L	3/24/2023	0.56	2		<2.00
MW-C	d	1,2,3-Trichloropropane	96-18-4	ug/L	3/24/2023	0.59	1		<1.00
MW-C	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	3/24/2023	1.2	5		<5.00
MW-C	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	3/24/2023	0.34	1		<1.00
MW-C	d	1,2-Dichlorobenzene	95-50-1	ug/L	3/24/2023	0.37	1		<1.00
MW-C	d	1,2-Dichloroethane	107-06-2	ug/L	3/24/2023	0.39	1		<1.00
MW-C	d	1,2-Dichloropropane	78-87-5	ug/L	3/24/2023	0.27	1		<1.00
MW-C	d	1,4-Dichlorobenzene	106-46-7	ug/L	3/24/2023	0.23	1		<1.00
MW-C	d	2-Butanone	78-93-3	ug/L	3/24/2023	2.1	10		<10.0
MW-C	d	2-Hexanone	591-78-6	ug/L	3/24/2023	2	10		<10.0
MW-C	d	4-Methyl-2-Pentanone	108-10-1	ug/L	3/24/2023	2.1	10		<10.0
MW-C	d	Acetone	67-64-1	ug/L	3/24/2023	3.1	10		<10.0
MW-C	d	Acrylonitrile	107-13-1	ug/L	3/24/2023	2.2	5		<5.00
MW-C	d	Benzene	71-43-2	ug/L	3/24/2023	0.22	0.5		<0.500
MW-C	d	Bromochloromethane	74-97-5	ug/L	3/24/2023	0.54	5		<5.00
MW-C	d	Bromodichloromethane	75-27-4	ug/L	3/24/2023	0.39	1		<1.00
MW-C	d	Bromoform	75-25-2	ug/L	3/24/2023	0.78	5		<5.00
MW-C	d	Bromomethane	74-83-9	ug/L	3/24/2023	1.1	4		<4.00
MW-C	d	Carbon Disulfide	75-15-0	ug/L	3/24/2023	0.45	1		<1.00
MW-C	d	Carbon Tetrachloride	56-23-5	ug/L	3/24/2023	0.65	2		<2.00
MW-C	d	Chlorobenzene	108-90-7	ug/L	3/24/2023	0.4	1		<1.00
MW-C	d	Chlorodibromomethane	124-48-1	ug/L	3/24/2023	0.75	5		<5.00
MW-C	d	Chloroethane	75-00-3	ug/L	3/24/2023	0.79	4		<4.00
MW-C	d	Chloroform	67-66-3	ug/L	3/24/2023	1.3	3		<3.00
MW-C	d	Chloromethane	74-87-3	ug/L	3/24/2023	0.61	3		<3.00
MW-C	d	cis-1,2-Dichloroethene	156-59-2	ug/L	3/24/2023	0.21	1		<1.00
MW-C	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	3/24/2023	0.25	5		<5.00
MW-C	d	Methylene Bromide	74-95-3	ug/L	3/24/2023	0.33	1		<1.00

Table 9A
Analytical Data Summary - Phase II MSWLF
2024 Annual Water Quality Report
Phase II MSWLF and CWTS
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-C	d	Ethylbenzene	100-41-4	ug/L	3/24/2023	0.31	1		<1.00
MW-C	d	Iodomethane	74-88-4	ug/L	3/24/2023	7	10		<10.0
MW-C	d	Methylene Chloride	75-09-2	ug/L	3/24/2023	1.7	5		<5.00
MW-C	d	Styrene	100-42-5	ug/L	3/24/2023	0.37	1		<1.00
MW-C	d	Tetrachloroethene	127-18-4	ug/L	3/24/2023	0.48	1		<1.00
MW-C	d	Toluene	108-88-3	ug/L	3/24/2023	0.43	1		<1.00
MW-C	d	trans-1,2-Dichloroethene	156-60-5	ug/L	3/24/2023	0.27	1		<1.00
MW-C	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	3/24/2023	0.56	5		<5.00
MW-C	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	3/24/2023	1.1	10		<10.0
MW-C	d	Trichloroethene	79-01-6	ug/L	3/24/2023	0.43	1		<1.00
MW-C	d	Trichlorofluoromethane	75-69-4	ug/L	3/24/2023	0.38	4		<4.00
MW-C	d	Vinyl Acetate	108-05-4	ug/L	3/24/2023	2.5	10		<10.0
MW-C	d	Vinyl Chloride	75-01-4	ug/L	3/24/2023	0.18	1		<1.00
MW-C	d	Xylenes, total	1330-20-7	ug/L	3/24/2023	0.4	3		<3.00
MW-C	d	Total Suspended Solids	TSS	mg/L	3/24/2023	1.28	3.75		4.75
MW-B	d	Antimony	7440-36-0	mg/L	9/21/2023	0.001	0.002	0	<0.00200
MW-B	d	Arsenic	7440-38-2	mg/L	9/21/2023	0.00053	0.002	J	0.000763
MW-B	d	Barium	7440-39-3	mg/L	9/21/2023	0.00064	0.002	0	0.0399
MW-B	d	Beryllium	7440-41-7	mg/L	9/21/2023	0.00033	0.001	0	<0.00100
MW-B	d	Cadmium	7440-43-9	mg/L	9/21/2023	0.0001	0.002	J	0.000103
MW-B	d	Chromium	7440-47-3	mg/L	9/21/2023	0.0011	0.005	0	<0.00500
MW-B	d	Cobalt	7440-48-4	mg/L	9/21/2023	0.00017	0.0005	J	0.000405
MW-B	d	Copper	7440-50-8	mg/L	9/21/2023	0.0018	0.005	0	<0.00500
MW-B	d	Lead	7439-92-1	mg/L	9/21/2023	0.00024	0.0005	0	<0.000500
MW-B	d	Nickel	7440-02-0	mg/L	9/21/2023	0.0019	0.005	J	0.00244
MW-B	d	Selenium	7782-49-2	mg/L	9/21/2023	0.0014	0.005	0	<0.00500
MW-B	d	Silver	7440-22-4	mg/L	9/21/2023	0.0005	0.001	0	<0.00100
MW-B	d	Thallium	7440-28-0	mg/L	9/21/2023	0.00026	0.001	^+	<0.00100
MW-B	d	Vanadium	7440-62-2	mg/L	9/21/2023	0.0011	0.005	0	<0.00500
MW-B	d	Zinc	7440-66-6	mg/L	9/21/2023	0.0064	0.02	J	0.00882
MW-B	d	Acetone	67-64-1	ug/L	9/21/2023	3.1	10	0	<10.0
MW-B	d	Acrylonitrile	107-13-1	ug/L	9/21/2023	2.2	5	0	<5.00
MW-B	d	Benzene	71-43-2	ug/L	9/21/2023	0.22	0.5	0	<0.500
MW-B	d	Bromochloromethane	74-97-5	ug/L	9/21/2023	0.54	5	0	<5.00
MW-B	d	Bromodichloromethane	75-27-4	ug/L	9/21/2023	0.39	1	0	<1.00
MW-B	d	Bromoform	75-25-2	ug/L	9/21/2023	0.78	5	0	<5.00
MW-B	d	Bromomethane	74-83-9	ug/L	9/21/2023	1.1	4	0	<4.00
MW-B	d	2-Butanone	78-93-3	ug/L	9/21/2023	2.1	10	0	<10.0
MW-B	d	Carbon Disulfide	75-15-0	ug/L	9/21/2023	0.45	1	0	<1.00
MW-B	d	Carbon Tetrachloride	56-23-5	ug/L	9/21/2023	0.65	2	0	<2.00
MW-B	d	Chlorobenzene	108-90-7	ug/L	9/21/2023	0.4	1	0	<1.00
MW-B	d	Chlorodibromomethane	124-48-1	ug/L	9/21/2023	0.75	5	0	<5.00
MW-B	d	Chloroethane	75-00-3	ug/L	9/21/2023	0.79	4	0	<4.00
MW-B	d	Chloroform	67-66-3	ug/L	9/21/2023	1.3	3	0	<3.00
MW-B	d	Chloromethane	74-87-3	ug/L	9/21/2023	0.61	3	0	<3.00
MW-B	d	cis-1,2-Dichloroethene	156-59-2	ug/L	9/21/2023	0.21	1	0	<1.00
MW-B	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	9/21/2023	0.25	5	0	<5.00
MW-B	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	9/21/2023	1.2	5	0	<5.00
MW-B	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	9/21/2023	0.34	1	0	<1.00
MW-B	d	Methylene Bromide	74-95-3	ug/L	9/21/2023	0.33	1	0	<1.00
MW-B	d	1,2-Dichlorobenzene	95-50-1	ug/L	9/21/2023	0.37	1	0	<1.00
MW-B	d	1,4-Dichlorobenzene	106-46-7	ug/L	9/21/2023	0.23	1	0	<1.00
MW-B	d	1,1-Dichloroethane	75-34-3	ug/L	9/21/2023	0.22	1	0	<1.00
MW-B	d	1,2-Dichloroethane	107-06-2	ug/L	9/21/2023	0.39	1	0	<1.00
MW-B	d	1,1-Dichloroethene	75-35-4	ug/L	9/21/2023	0.56	2	0	<2.00
MW-B	d	1,2-Dichloropropane	78-87-5	ug/L	9/21/2023	0.27	1	0	<1.00
MW-B	d	Ethylbenzene	100-41-4	ug/L	9/21/2023	0.31	1	0	<1.00
MW-B	d	2-Hexanone	591-78-6	ug/L	9/21/2023	2	10	0	<10.0
MW-B	d	Iodomethane	74-88-4	ug/L	9/21/2023	7	10	0	<10.0
MW-B	d	Methylene Chloride	75-09-2	ug/L	9/21/2023	1.7	5	0	<5.00
MW-B	d	4-Methyl-2-Pentanone	108-10-1	ug/L	9/21/2023	2.1	10	0	<10.0
MW-B	d	Styrene	100-42-5	ug/L	9/21/2023	0.37	1	0	<1.00
MW-B	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	9/21/2023	0.38	1	0	<1.00
MW-B	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	9/21/2023	0.47	1	0	<1.00
MW-B	d	Tetrachloroethene	127-18-4	ug/L	9/21/2023	0.48	1	0	<1.00
MW-B	d	Toluene	108-88-3	ug/L	9/21/2023	0.43	1	0	<1.00
MW-B	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	9/21/2023	1.1	10	0	<10.0
MW-B	d	trans-1,2-Dichloroethene	156-60-5	ug/L	9/21/2023	0.27	1	0	<1.00
MW-B	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	9/21/2023	0.56	5	0	<5.00
MW-B	d	1,1,1-Trichloroethane	71-55-6	ug/L	9/21/2023	0.19	1	0	<1.00
MW-B	d	1,1,2-Trichloroethane	79-00-5	ug/L	9/21/2023	0.45	1	0	<1.00
MW-B	d	Trichloroethene	79-01-6	ug/L	9/21/2023	0.43	1	0	<1.00
MW-B	d	Trichlorofluoromethane	75-69-4	ug/L	9/21/2023	0.38	4	0	<4.00
MW-B	d	1,2,3-Trichloropropane	96-18-4	ug/L	9/21/2023	0.59	1	0	<1.00
MW-B	d	Vinyl Acetate	108-05-4	ug/L	9/21/2023	2.5	10	0	<10.0

Table 9A
Analytical Data Summary - Phase II MSWLF
2024 Annual Water Quality Report
Phase II MSWLF and CWTS
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-B	d	Vinyl Chloride	75-01-4	ug/L	9/21/2023	0.18	1	0	<1.00
MW-B	d	Xylenes, total	1330-20-7	ug/L	9/21/2023	0.4	3	0	<3.00
MW-B	d	Total Suspended Solids	TSS	mg/L	9/21/2023	0.638	1.88	0	2.63
MW-C	d	Antimony	7440-36-0	mg/L	9/21/2023	0.001	0.002	0	<0.00200
MW-C	d	Arsenic	7440-38-2	mg/L	9/21/2023	0.00053	0.002	0	0.00261
MW-C	d	Barium	7440-39-3	mg/L	9/21/2023	0.00064	0.002	0	0.281
MW-C	d	Beryllium	7440-41-7	mg/L	9/21/2023	0.00033	0.001	0	<0.00100
MW-C	d	Cadmium	7440-43-9	mg/L	9/21/2023	0.0001	0.0002	0	<0.000200
MW-C	d	Chromium	7440-47-3	mg/L	9/21/2023	0.0011	0.005	0	<0.00500
MW-C	d	Cobalt	7440-48-4	mg/L	9/21/2023	0.00017	0.0005	J	0.000473
MW-C	d	Copper	7440-50-8	mg/L	9/21/2023	0.0018	0.005	0	<0.00500
MW-C	d	Lead	7439-92-1	mg/L	9/21/2023	0.00024	0.0005	J	0.000265
MW-C	d	Nickel	7440-02-0	mg/L	9/21/2023	0.0019	0.005	0	<0.00500
MW-C	d	Selenium	7782-49-2	mg/L	9/21/2023	0.0014	0.005	0	<0.00500
MW-C	d	Silver	7440-22-4	mg/L	9/21/2023	0.0005	0.001	0	<0.00100
MW-C	d	Thallium	7440-28-0	mg/L	9/21/2023	0.00026	0.001	^+	<0.00100
MW-C	d	Vanadium	7440-62-2	mg/L	9/21/2023	0.0011	0.005	0	<0.00500
MW-C	d	Zinc	7440-66-6	mg/L	9/21/2023	0.0064	0.02	0	<0.0200
MW-C	d	Acetone	67-64-1	ug/L	9/21/2023	3.1	10	0	<10.0
MW-C	d	Acrylonitrile	107-13-1	ug/L	9/21/2023	2.2	5	0	<5.00
MW-C	d	Benzene	71-43-2	ug/L	9/21/2023	0.22	0.5	0	<0.500
MW-C	d	Bromochloromethane	74-97-5	ug/L	9/21/2023	0.54	5	0	<5.00
MW-C	d	Bromodichloromethane	75-27-4	ug/L	9/21/2023	0.39	1	0	<1.00
MW-C	d	Bromoform	75-25-2	ug/L	9/21/2023	0.78	5	0	<5.00
MW-C	d	Bromomethane	74-83-9	ug/L	9/21/2023	1.1	4	0	<4.00
MW-C	d	2-Butanone	78-93-3	ug/L	9/21/2023	2.1	10	0	<10.0
MW-C	d	Carbon Disulfide	75-15-0	ug/L	9/21/2023	0.45	1	0	<1.00
MW-C	d	Carbon Tetrachloride	56-23-5	ug/L	9/21/2023	0.65	2	0	<2.00
MW-C	d	Chlorobenzene	108-90-7	ug/L	9/21/2023	0.4	1	0	<1.00
MW-C	d	Chlorodibromomethane	124-48-1	ug/L	9/21/2023	0.75	5	0	<5.00
MW-C	d	Chloroethane	75-00-3	ug/L	9/21/2023	0.79	4	0	<4.00
MW-C	d	Chloroform	67-66-3	ug/L	9/21/2023	1.3	3	0	<3.00
MW-C	d	Chloromethane	74-87-3	ug/L	9/21/2023	0.61	3	0	<3.00
MW-C	d	cis-1,2-Dichloroethene	156-59-2	ug/L	9/21/2023	0.21	1	0	<1.00
MW-C	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	9/21/2023	0.25	5	0	<5.00
MW-C	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	9/21/2023	1.2	5	0	<5.00
MW-C	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	9/21/2023	0.34	1	0	<1.00
MW-C	d	Methylene Bromide	74-95-3	ug/L	9/21/2023	0.33	1	0	<1.00
MW-C	d	1,2-Dichlorobenzene	95-50-1	ug/L	9/21/2023	0.37	1	0	<1.00
MW-C	d	1,4-Dichlorobenzene	106-46-7	ug/L	9/21/2023	0.23	1	0	<1.00
MW-C	d	1,1-Dichloroethane	75-34-3	ug/L	9/21/2023	0.22	1	0	<1.00
MW-C	d	1,2-Dichloroethane	107-06-2	ug/L	9/21/2023	0.39	1	0	<1.00
MW-C	d	1,1-Dichloroethene	75-35-4	ug/L	9/21/2023	0.56	2	0	<2.00
MW-C	d	1,2-Dichloropropane	78-87-5	ug/L	9/21/2023	0.27	1	0	<1.00
MW-C	d	Ethylbenzene	100-41-4	ug/L	9/21/2023	0.31	1	0	<1.00
MW-C	d	2-Hexanone	591-78-6	ug/L	9/21/2023	2	10	0	<10.0
MW-C	d	Iodomethane	74-88-4	ug/L	9/21/2023	7	10	0	<10.0
MW-C	d	Methylene Chloride	75-09-2	ug/L	9/21/2023	1.7	5	0	<5.00
MW-C	d	4-Methyl-2-Pentanone	108-10-1	ug/L	9/21/2023	2.1	10	0	<10.0
MW-C	d	Styrene	100-42-5	ug/L	9/21/2023	0.37	1	0	<1.00
MW-C	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	9/21/2023	0.38	1	0	<1.00
MW-C	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	9/21/2023	0.47	1	0	<1.00
MW-C	d	Tetrachloroethene	127-18-4	ug/L	9/21/2023	0.48	1	0	<1.00
MW-C	d	Toluene	108-88-3	ug/L	9/21/2023	0.43	1	0	<1.00
MW-C	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	9/21/2023	1.1	10	0	<10.0
MW-C	d	trans-1,2-Dichloroethene	156-60-5	ug/L	9/21/2023	0.27	1	0	<1.00
MW-C	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	9/21/2023	0.56	5	0	<5.00
MW-C	d	1,1,1-Trichloroethane	71-55-6	ug/L	9/21/2023	0.19	1	0	<1.00
MW-C	d	1,1,2-Trichloroethane	79-00-5	ug/L	9/21/2023	0.45	1	0	<1.00
MW-C	d	Trichloroethene	79-01-6	ug/L	9/21/2023	0.43	1	0	<1.00
MW-C	d	Trichlorofluoromethane	75-69-4	ug/L	9/21/2023	0.38	4	0	<4.00
MW-C	d	1,2,3-Trichloropropane	96-18-4	ug/L	9/21/2023	0.59	1	0	<1.00
MW-C	d	Vinyl Acetate	108-05-4	ug/L	9/21/2023	2.5	10	0	<10.0
MW-C	d	Vinyl Chloride	75-01-4	ug/L	9/21/2023	0.18	1	0	<1.00
MW-C	d	Xylenes, total	1330-20-7	ug/L	9/21/2023	0.4	3	0	<3.00
MW-C	d	Total Suspended Solids	TSS	mg/L	9/21/2023	1.28	3.75	0	13.8
MW-E	d	Antimony	7440-36-0	mg/L	9/21/2023	0.001	0.002	0	<0.00200
MW-E	d	Arsenic	7440-38-2	mg/L	9/21/2023	0.00053	0.002	J	0.00133
MW-E	d	Barium	7440-39-3	mg/L	9/21/2023	0.00064	0.002	0	0.585
MW-E	d	Beryllium	7440-41-7	mg/L	9/21/2023	0.00033	0.001	0	<0.00100
MW-E	d	Cadmium	7440-43-9	mg/L	9/21/2023	0.0001	0.0002	0	<0.000200
MW-E	d	Chromium	7440-47-3	mg/L	9/21/2023	0.0011	0.005	0	<0.00500
MW-E	d	Cobalt	7440-48-4	mg/L	9/21/2023	0.00017	0.0005	0	0.000570
MW-E	d	Copper	7440-50-8	mg/L	9/21/2023	0.0018	0.005	0	<0.00500
MW-E	d	Lead	7439-92-1	mg/L	9/21/2023	0.00024	0.0005	0	<0.000500

Table 9A
Analytical Data Summary - Phase II MSWLF
2024 Annual Water Quality Report
Phase II MSWLF and CWTS
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-E	d	Nickel	7440-02-0	mg/L	9/21/2023	0.0019	0.005	0	<0.00500
MW-E	d	Selenium	7782-49-2	mg/L	9/21/2023	0.0014	0.005	0	<0.00500
MW-E	d	Silver	7440-22-4	mg/L	9/21/2023	0.0005	0.001	0	<0.00100
MW-E	d	Thallium	7440-28-0	mg/L	9/21/2023	0.00026	0.001	^+	<0.00100
MW-E	d	Vanadium	7440-62-2	mg/L	9/21/2023	0.0011	0.005	0	<0.00500
MW-E	d	Zinc	7440-66-6	mg/L	9/21/2023	0.0064	0.02	0	<0.0200
MW-E	d	Acetone	67-64-1	ug/L	9/21/2023	3.1	10	0	<10.0
MW-E	d	Acrylonitrile	107-13-1	ug/L	9/21/2023	2.2	5	0	<5.00
MW-E	d	Benzene	71-43-2	ug/L	9/21/2023	0.22	0.5	0	<0.500
MW-E	d	Bromochloromethane	74-97-5	ug/L	9/21/2023	0.54	5	0	<5.00
MW-E	d	Bromodichloromethane	75-27-4	ug/L	9/21/2023	0.39	1	0	<1.00
MW-E	d	Bromoform	75-25-2	ug/L	9/21/2023	0.78	5	0	<5.00
MW-E	d	Bromomethane	74-83-9	ug/L	9/21/2023	1.1	4	0	<4.00
MW-E	d	2-Butanone	78-93-3	ug/L	9/21/2023	2.1	10	0	<10.0
MW-E	d	Carbon Disulfide	75-15-0	ug/L	9/21/2023	0.45	1	0	<1.00
MW-E	d	Carbon Tetrachloride	56-23-5	ug/L	9/21/2023	0.65	2	0	<2.00
MW-E	d	Chlorobenzene	108-90-7	ug/L	9/21/2023	0.4	1	0	<1.00
MW-E	d	Chlorodibromomethane	124-48-1	ug/L	9/21/2023	0.75	5	0	<5.00
MW-E	d	Chloroethane	75-00-3	ug/L	9/21/2023	0.79	4	0	<4.00
MW-E	d	Chloroform	67-66-3	ug/L	9/21/2023	1.3	3	0	<3.00
MW-E	d	Chloromethane	74-87-3	ug/L	9/21/2023	0.61	3	0	<3.00
MW-E	d	cis-1,2-Dichloroethene	156-59-2	ug/L	9/21/2023	0.21	1	0	<1.00
MW-E	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	9/21/2023	0.25	5	0	<5.00
MW-E	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	9/21/2023	1.2	5	0	<5.00
MW-E	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	9/21/2023	0.34	1	0	<1.00
MW-E	d	Methylene Bromide	74-95-3	ug/L	9/21/2023	0.33	1	0	<1.00
MW-E	d	1,2-Dichlorobenzene	95-50-1	ug/L	9/21/2023	0.37	1	0	<1.00
MW-E	d	1,4-Dichlorobenzene	106-46-7	ug/L	9/21/2023	0.23	1	0	<1.00
MW-E	d	1,1-Dichloroethane	75-34-3	ug/L	9/21/2023	0.22	1	0	<1.00
MW-E	d	1,2-Dichloroethane	107-06-2	ug/L	9/21/2023	0.39	1	0	<1.00
MW-E	d	1,1-Dichloroethene	75-35-4	ug/L	9/21/2023	0.56	2	0	<2.00
MW-E	d	1,2-Dichloropropane	78-87-5	ug/L	9/21/2023	0.27	1	0	<1.00
MW-E	d	Ethylbenzene	100-41-4	ug/L	9/21/2023	0.31	1	0	<1.00
MW-E	d	2-Hexanone	591-78-6	ug/L	9/21/2023	2	10	0	<10.0
MW-E	d	Iodomethane	74-88-4	ug/L	9/21/2023	7	10	0	<10.0
MW-E	d	Methylene Chloride	75-09-2	ug/L	9/21/2023	1.7	5	0	<5.00
MW-E	d	4-Methyl-2-Pentanone	108-10-1	ug/L	9/21/2023	2.1	10	0	<10.0
MW-E	d	Styrene	100-42-5	ug/L	9/21/2023	0.37	1	0	<1.00
MW-E	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	9/21/2023	0.38	1	0	<1.00
MW-E	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	9/21/2023	0.47	1	0	<1.00
MW-E	d	Tetrachloroethene	127-18-4	ug/L	9/21/2023	0.48	1	0	<1.00
MW-E	d	Toluene	108-88-3	ug/L	9/21/2023	0.43	1	0	<1.00
MW-E	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	9/21/2023	1.1	10	0	<10.0
MW-E	d	trans-1,2-Dichloroethene	156-60-5	ug/L	9/21/2023	0.27	1	0	<1.00
MW-E	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	9/21/2023	0.56	5	0	<5.00
MW-E	d	1,1,1-Trichloroethane	71-55-6	ug/L	9/21/2023	0.19	1	0	<1.00
MW-E	d	1,1,2-Trichloroethane	79-00-5	ug/L	9/21/2023	0.45	1	0	<1.00
MW-E	d	Trichloroethene	79-01-6	ug/L	9/21/2023	0.43	1	0	<1.00
MW-E	d	Trichlorofluoromethane	75-69-4	ug/L	9/21/2023	0.38	4	0	<4.00
MW-E	d	1,2,3-Trichloropropane	96-18-4	ug/L	9/21/2023	0.59	1	0	<1.00
MW-E	d	Vinyl Acetate	108-05-4	ug/L	9/21/2023	2.5	10	0	<10.0
MW-E	d	Vinyl Chloride	75-01-4	ug/L	9/21/2023	0.18	1	0	<1.00
MW-E	d	Xylenes, total	1330-20-7	ug/L	9/21/2023	0.4	3	0	<3.00
MW-E	d	Total Suspended Solids	TSS	mg/L	9/21/2023	0.638	1.88	0	4.88
GU-3	d	Antimony	7440-36-0	mg/L	9/20/2023	0.001	0.002	0	<0.00200
GU-3	d	Arsenic	7440-38-2	mg/L	9/20/2023	0.00053	0.002	0	0.0133
GU-3	d	Barium	7440-39-3	mg/L	9/20/2023	0.00064	0.002	0	0.0470
GU-3	d	Beryllium	7440-41-7	mg/L	9/20/2023	0.00033	0.001	0	<0.00100
GU-3	d	Cadmium	7440-43-9	mg/L	9/20/2023	0.0001	0.0002	0	0.000634
GU-3	d	Chromium	7440-47-3	mg/L	9/20/2023	0.0011	0.005	0	<0.00500
GU-3	d	Cobalt	7440-48-4	mg/L	9/20/2023	0.00017	0.0005	0	0.000995
GU-3	d	Copper	7440-50-8	mg/L	9/20/2023	0.0018	0.005	0	<0.00500
GU-3	d	Lead	7439-92-1	mg/L	9/20/2023	0.00024	0.0005	J	0.000479
GU-3	d	Nickel	7440-02-0	mg/L	9/20/2023	0.0019	0.005	J	0.00383
GU-3	d	Selenium	7782-49-2	mg/L	9/20/2023	0.0014	0.005	J	0.00280
GU-3	d	Silver	7440-22-4	mg/L	9/20/2023	0.0005	0.001	0	<0.00100
GU-3	d	Thallium	7440-28-0	mg/L	9/20/2023	0.00026	0.001	0	0.00596
GU-3	d	Vanadium	7440-62-2	mg/L	9/20/2023	0.0011	0.005	0	0.00145
GU-3	d	Zinc	7440-66-6	mg/L	9/20/2023	0.0064	0.02	J	0.0186
GU-3	d	Acetone	67-64-1	ug/L	9/20/2023	3.1	10	J	<10.0
GU-3	d	Acrylonitrile	107-13-1	ug/L	9/20/2023	2.2	5	0	<5.00
GU-3	d	Benzene	71-43-2	ug/L	9/20/2023	0.22	0.5	0	<0.500
GU-3	d	Bromochloromethane	74-97-5	ug/L	9/20/2023	0.54	5	0	<5.00
GU-3	d	Bromodichloromethane	75-27-4	ug/L	9/20/2023	0.39	1	0	<1.00
GU-3	d	Bromoform	75-25-2	ug/L	9/20/2023	0.78	5	0	<5.00

Table 9A
Analytical Data Summary - Phase II MSWLF
2024 Annual Water Quality Report
Phase II MSWLF and CWTS
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
GU-3	d	Bromomethane	74-83-9	ug/L	9/20/2023	1.1	4	0	<4.00
GU-3	d	2-Butanone	78-93-3	ug/L	9/20/2023	2.1	10	0	<10.0
GU-3	d	Carbon Disulfide	75-15-0	ug/L	9/20/2023	0.45	1	0	<1.00
GU-3	d	Carbon Tetrachloride	56-23-5	ug/L	9/20/2023	0.65	2	0	<2.00
GU-3	d	Chlorobenzene	108-90-7	ug/L	9/20/2023	0.4	1	0	<1.00
GU-3	d	Chlorodibromomethane	124-48-1	ug/L	9/20/2023	0.75	5	0	<5.00
GU-3	d	Chloroethane	75-00-3	ug/L	9/20/2023	0.79	4	0	<4.00
GU-3	d	Chloroform	67-66-3	ug/L	9/20/2023	1.3	3	0	<3.00
GU-3	d	Chloromethane	74-87-3	ug/L	9/20/2023	0.61	3	0	<3.00
GU-3	d	cis-1,2-Dichloroethene	156-59-2	ug/L	9/20/2023	0.21	1	0	<1.00
GU-3	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	9/20/2023	0.25	5	0	<5.00
GU-3	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	9/20/2023	1.2	5	0	<5.00
GU-3	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	9/20/2023	0.34	1	0	<1.00
GU-3	d	Methylene Bromide	74-95-3	ug/L	9/20/2023	0.33	1	0	<1.00
GU-3	d	1,2-Dichlorobenzene	95-50-1	ug/L	9/20/2023	0.37	1	0	<1.00
GU-3	d	1,4-Dichlorobenzene	106-46-7	ug/L	9/20/2023	0.23	1	0	<1.00
GU-3	d	1,1-Dichloroethane	75-34-3	ug/L	9/20/2023	0.22	1	0	<1.00
GU-3	d	1,2-Dichloroethane	107-06-2	ug/L	9/20/2023	0.39	1	0	<1.00
GU-3	d	1,1-Dichloroethene	75-35-4	ug/L	9/20/2023	0.56	2	0	<2.00
GU-3	d	1,2-Dichloropropane	78-87-5	ug/L	9/20/2023	0.27	1	0	<1.00
GU-3	d	Ethylbenzene	100-41-4	ug/L	9/20/2023	0.31	1	0	<1.00
GU-3	d	2-Hexanone	591-78-6	ug/L	9/20/2023	2	10	0	<10.0
GU-3	d	Iodomethane	74-88-4	ug/L	9/20/2023	7	10	0	<10.0
GU-3	d	Methylene Chloride	75-09-2	ug/L	9/20/2023	1.7	5	0	<5.00
GU-3	d	4-Methyl-2-Pentanone	108-10-1	ug/L	9/20/2023	2.1	10	0	<10.0
GU-3	d	Styrene	100-42-5	ug/L	9/20/2023	0.37	1	0	<1.00
GU-3	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	9/20/2023	0.38	1	0	<1.00
GU-3	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	9/20/2023	0.47	1	0	<1.00
GU-3	d	Tetrachloroethene	127-18-4	ug/L	9/20/2023	0.48	1	0	<1.00
GU-3	d	Toluene	108-88-3	ug/L	9/20/2023	0.43	1	0	<1.00
GU-3	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	9/20/2023	1.1	10	0	<10.0
GU-3	d	trans-1,2-Dichloroethene	156-60-5	ug/L	9/20/2023	0.27	1	0	<1.00
GU-3	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	9/20/2023	0.56	5	0	<5.00
GU-3	d	1,1,1-Trichloroethane	71-55-6	ug/L	9/20/2023	0.19	1	0	<1.00
GU-3	d	1,1,2-Trichloroethane	79-00-5	ug/L	9/20/2023	0.45	1	0	<1.00
GU-3	d	Trichloroethene	79-01-6	ug/L	9/20/2023	0.43	1	0	<1.00
GU-3	d	Trichlorofluoromethane	75-69-4	ug/L	9/20/2023	0.38	4	0	<4.00
GU-3	d	1,2,3-Trichloropropane	96-18-4	ug/L	9/20/2023	0.59	1	0	<1.00
GU-3	d	Vinyl Acetate	108-05-4	ug/L	9/20/2023	2.5	10	0	<10.0
GU-3	d	Vinyl Chloride	75-01-4	ug/L	9/20/2023	0.18	1	0	<1.00
GU-3	d	Xylenes, total	1330-20-7	ug/L	9/20/2023	0.4	3	0	<3.00
GU-3	d	Total Suspended Solids	TSS	mg/L	9/20/2023	2.55	7.5	0	185
GU-4	d	Antimony	7440-36-0	mg/L	9/21/2023	0.001	0.002	0	<0.00200
GU-4	d	Arsenic	7440-38-2	mg/L	9/21/2023	0.00053	0.002	0	<0.00200
GU-4	d	Barium	7440-39-3	mg/L	9/21/2023	0.00064	0.002	0	0.0243
GU-4	d	Beryllium	7440-41-7	mg/L	9/21/2023	0.00033	0.001	0	<0.00100
GU-4	d	Cadmium	7440-43-9	mg/L	9/21/2023	0.0001	0.0002	0	<0.000200
GU-4	d	Chromium	7440-47-3	mg/L	9/21/2023	0.0011	0.005	0	<0.00500
GU-4	d	Cobalt	7440-48-4	mg/L	9/21/2023	0.00017	0.0005	0	0.000513
GU-4	d	Copper	7440-50-8	mg/L	9/21/2023	0.0018	0.005	J	0.00194
GU-4	d	Lead	7439-92-1	mg/L	9/21/2023	0.00024	0.0005	0	<0.000500
GU-4	d	Nickel	7440-02-0	mg/L	9/21/2023	0.0019	0.005	0	0.0109
GU-4	d	Selenium	7782-49-2	mg/L	9/21/2023	0.0014	0.005	0	<0.00500
GU-4	d	Silver	7440-22-4	mg/L	9/21/2023	0.0005	0.001	0	<0.00100
GU-4	d	Thallium	7440-28-0	mg/L	9/21/2023	0.00026	0.001	J	0.000758
GU-4	d	Vanadium	7440-62-2	mg/L	9/21/2023	0.0011	0.005	0	<0.00500
GU-4	d	Zinc	7440-66-6	mg/L	9/21/2023	0.0064	0.02	0	0.0267
GU-4	d	Acetone	67-64-1	ug/L	9/21/2023	3.1	10	0	<10.0
GU-4	d	Acrylonitrile	107-13-1	ug/L	9/21/2023	2.2	5	0	<5.00
GU-4	d	Benzene	71-43-2	ug/L	9/21/2023	0.22	0.5	0	<0.500
GU-4	d	Bromochloromethane	74-97-5	ug/L	9/21/2023	0.54	5	0	<5.00
GU-4	d	Bromodichloromethane	75-27-4	ug/L	9/21/2023	0.39	1	0	<1.00
GU-4	d	Bromoform	75-25-2	ug/L	9/21/2023	0.78	5	0	<5.00
GU-4	d	Bromomethane	74-83-9	ug/L	9/21/2023	1.1	4	0	<4.00
GU-4	d	2-Butanone	78-93-3	ug/L	9/21/2023	2.1	10	0	<10.0
GU-4	d	Carbon Disulfide	75-15-0	ug/L	9/21/2023	0.45	1	0	<1.00
GU-4	d	Carbon Tetrachloride	56-23-5	ug/L	9/21/2023	0.65	2	0	<2.00
GU-4	d	Chlorobenzene	108-90-7	ug/L	9/21/2023	0.4	1	0	<1.00
GU-4	d	Chlorodibromomethane	124-48-1	ug/L	9/21/2023	0.75	5	0	<5.00
GU-4	d	Chloroethane	75-00-3	ug/L	9/21/2023	0.79	4	0	<4.00
GU-4	d	Chloroform	67-66-3	ug/L	9/21/2023	1.3	3	0	<3.00
GU-4	d	Chloromethane	74-87-3	ug/L	9/21/2023	0.61	3	0	<3.00
GU-4	d	cis-1,2-Dichloroethene	156-59-2	ug/L	9/21/2023	0.21	1	0	<1.00
GU-4	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	9/21/2023	0.25	5	0	<5.00
GU-4	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	9/21/2023	1.2	5	0	<5.00

Table 9A
Analytical Data Summary - Phase II MSWLF
2024 Annual Water Quality Report
Phase II MSWLF and CWTS
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
GU-4	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	9/21/2023	0.34	1	0	<1.00
GU-4	d	Methylene Bromide	74-95-3	ug/L	9/21/2023	0.33	1	0	<1.00
GU-4	d	1,2-Dichlorobenzene	95-50-1	ug/L	9/21/2023	0.37	1	0	<1.00
GU-4	d	1,4-Dichlorobenzene	106-46-7	ug/L	9/21/2023	0.23	1	0	<1.00
GU-4	d	1,1-Dichloroethane	75-34-3	ug/L	9/21/2023	0.22	1	0	<1.00
GU-4	d	1,2-Dichloroethane	107-06-2	ug/L	9/21/2023	0.39	1	0	<1.00
GU-4	d	1,1-Dichloroethene	75-35-4	ug/L	9/21/2023	0.56	2	0	<2.00
GU-4	d	1,2-Dichloropropane	78-87-5	ug/L	9/21/2023	0.27	1	0	<1.00
GU-4	d	Ethylbenzene	100-41-4	ug/L	9/21/2023	0.31	1	0	<1.00
GU-4	d	2-Hexanone	591-78-6	ug/L	9/21/2023	2	10	0	<10.0
GU-4	d	Iodomethane	74-88-4	ug/L	9/21/2023	7	10	0	<10.0
GU-4	d	Methylene Chloride	75-09-2	ug/L	9/21/2023	1.7	5	0	<5.00
GU-4	d	4-Methyl-2-Pentanone	108-10-1	ug/L	9/21/2023	2.1	10	0	<10.0
GU-4	d	Styrene	100-42-5	ug/L	9/21/2023	0.37	1	0	<1.00
GU-4	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	9/21/2023	0.38	1	0	<1.00
GU-4	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	9/21/2023	0.47	1	0	<1.00
GU-4	d	Tetrachloroethene	127-18-4	ug/L	9/21/2023	0.48	1	0	<1.00
GU-4	d	Toluene	108-88-3	ug/L	9/21/2023	0.43	1	0	<1.00
GU-4	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	9/21/2023	1.1	10	0	<10.0
GU-4	d	trans-1,2-Dichloroethene	156-60-5	ug/L	9/21/2023	0.27	1	0	<1.00
GU-4	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	9/21/2023	0.56	5	0	<5.00
GU-4	d	1,1,1-Trichloroethane	71-55-6	ug/L	9/21/2023	0.19	1	0	<1.00
GU-4	d	1,1,2-Trichloroethane	79-00-5	ug/L	9/21/2023	0.45	1	0	<1.00
GU-4	d	Trichloroethene	79-01-6	ug/L	9/21/2023	0.43	1	0	<1.00
GU-4	d	Trichlorofluoromethane	75-69-4	ug/L	9/21/2023	0.38	4	0	<4.00
GU-4	d	1,2,3-Trichloropropane	96-18-4	ug/L	9/21/2023	0.59	1	0	<1.00
GU-4	d	Vinyl Acetate	108-05-4	ug/L	9/21/2023	2.5	10	0	<10.0
GU-4	d	Vinyl Chloride	75-01-4	ug/L	9/21/2023	0.18	1	0	<1.00
GU-4	d	Xylenes, total	1330-20-7	ug/L	9/21/2023	0.4	3	0	<3.00
GU-4	d	Total Suspended Solids	TSS	mg/L	9/21/2023	0.638	1.88	0	4.88
GU-5	d	Antimony	7440-36-0	mg/L	9/21/2023	0.001	0.002	0	<0.00200
GU-5	d	Arsenic	7440-38-2	mg/L	9/21/2023	0.00053	0.002	J	0.000765
GU-5	d	Barium	7440-39-3	mg/L	9/21/2023	0.00064	0.002	0	0.0345
GU-5	d	Beryllium	7440-41-7	mg/L	9/21/2023	0.00033	0.001	0	<0.00100
GU-5	d	Cadmium	7440-43-9	mg/L	9/21/2023	0.0001	0.0002	J	0.000102
GU-5	d	Chromium	7440-47-3	mg/L	9/21/2023	0.0011	0.005	0	<0.00500
GU-5	d	Cobalt	7440-48-4	mg/L	9/21/2023	0.00017	0.0005	0	0.00261
GU-5	d	Copper	7440-50-8	mg/L	9/21/2023	0.0018	0.005	0	<0.00500
GU-5	d	Lead	7439-92-1	mg/L	9/21/2023	0.00024	0.0005	0	<0.000500
GU-5	d	Nickel	7440-02-0	mg/L	9/21/2023	0.0019	0.005	0	0.0124
GU-5	d	Selenium	7782-49-2	mg/L	9/21/2023	0.0014	0.005	0	<0.00500
GU-5	d	Silver	7440-22-4	mg/L	9/21/2023	0.0005	0.001	0	<0.00100
GU-5	d	Thallium	7440-28-0	mg/L	9/21/2023	0.00026	0.001	J	0.000512
GU-5	d	Vanadium	7440-62-2	mg/L	9/21/2023	0.0011	0.005	0	<0.00500
GU-5	d	Zinc	7440-66-6	mg/L	9/21/2023	0.0064	0.02	J	0.0141
GU-5	d	Acetone	67-64-1	ug/L	9/21/2023	3.1	10	0	<10.0
GU-5	d	Acrylonitrile	107-13-1	ug/L	9/21/2023	2.2	5	0	<5.00
GU-5	d	Benzene	71-43-2	ug/L	9/21/2023	0.22	0.5	0	<0.500
GU-5	d	Bromochloromethane	74-97-5	ug/L	9/21/2023	0.54	5	0	<5.00
GU-5	d	Bromodichloromethane	75-27-4	ug/L	9/21/2023	0.39	1	0	<1.00
GU-5	d	Bromoform	75-25-2	ug/L	9/21/2023	0.78	5	0	<5.00
GU-5	d	Bromomethane	74-83-9	ug/L	9/21/2023	1.1	4	0	<4.00
GU-5	d	2-Butanone	78-93-3	ug/L	9/21/2023	2.1	10	0	<10.0
GU-5	d	Carbon Disulfide	75-15-0	ug/L	9/21/2023	0.45	1	0	<1.00
GU-5	d	Carbon Tetrachloride	56-23-5	ug/L	9/21/2023	0.65	2	0	<2.00
GU-5	d	Chlorobenzene	108-90-7	ug/L	9/21/2023	0.4	1	0	<1.00
GU-5	d	Chlorodibromomethane	124-48-1	ug/L	9/21/2023	0.75	5	0	<5.00
GU-5	d	Chloroethane	75-00-3	ug/L	9/21/2023	0.79	4	0	<4.00
GU-5	d	Chloroform	67-66-3	ug/L	9/21/2023	1.3	3	0	<3.00
GU-5	d	Chloromethane	74-87-3	ug/L	9/21/2023	0.61	3	0	<3.00
GU-5	d	cis-1,2-Dichloroethene	156-59-2	ug/L	9/21/2023	0.21	1	0	<1.00
GU-5	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	9/21/2023	0.25	5	0	<5.00
GU-5	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	9/21/2023	1.2	5	0	<5.00
GU-5	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	9/21/2023	0.34	1	0	<1.00
GU-5	d	Methylene Bromide	74-95-3	ug/L	9/21/2023	0.33	1	0	<1.00
GU-5	d	1,2-Dichlorobenzene	95-50-1	ug/L	9/21/2023	0.37	1	0	<1.00
GU-5	d	1,4-Dichlorobenzene	106-46-7	ug/L	9/21/2023	0.23	1	0	<1.00
GU-5	d	1,1-Dichloroethane	75-34-3	ug/L	9/21/2023	0.22	1	0	<1.00
GU-5	d	1,2-Dichloroethane	107-06-2	ug/L	9/21/2023	0.39	1	0	<1.00
GU-5	d	1,1-Dichloroethene	75-35-4	ug/L	9/21/2023	0.56	2	0	<2.00
GU-5	d	1,2-Dichloropropane	78-87-5	ug/L	9/21/2023	0.27	1	0	<1.00
GU-5	d	Ethylbenzene	100-41-4	ug/L	9/21/2023	0.31	1	0	<1.00
GU-5	d	2-Hexanone	591-78-6	ug/L	9/21/2023	2	10	0	<10.0
GU-5	d	Iodomethane	74-88-4	ug/L	9/21/2023	7	10	0	<10.0
GU-5	d	Methylene Chloride	75-09-2	ug/L	9/21/2023	1.7	5	0	<5.00

Table 9A
Analytical Data Summary - Phase II MSWLF
2024 Annual Water Quality Report
Phase II MSWLF and CWTS
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
GU-5	d	4-Methyl-2-Pentanone	108-10-1	ug/L	9/21/2023	2.1	10	0	<10.0
GU-5	d	Styrene	100-42-5	ug/L	9/21/2023	0.37	1	0	<1.00
GU-5	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	9/21/2023	0.38	1	0	<1.00
GU-5	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	9/21/2023	0.47	1	0	<1.00
GU-5	d	Tetrachloroethene	127-18-4	ug/L	9/21/2023	0.48	1	0	<1.00
GU-5	d	Toluene	108-88-3	ug/L	9/21/2023	0.43	1	0	<1.00
GU-5	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	9/21/2023	1.1	10	0	<10.0
GU-5	d	trans-1,2-Dichloroethene	156-60-5	ug/L	9/21/2023	0.27	1	0	<1.00
GU-5	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	9/21/2023	0.56	5	0	<5.00
GU-5	d	1,1,1-Trichloroethane	71-55-6	ug/L	9/21/2023	0.19	1	0	<1.00
GU-5	d	1,1,2-Trichloroethane	79-00-5	ug/L	9/21/2023	0.45	1	0	<1.00
GU-5	d	Trichloroethene	79-01-6	ug/L	9/21/2023	0.43	1	0	<1.00
GU-5	d	Trichlorofluoromethane	75-69-4	ug/L	9/21/2023	0.38	4	0	<4.00
GU-5	d	1,2,3-Trichloropropane	96-18-4	ug/L	9/21/2023	0.59	1	0	<1.00
GU-5	d	Vinyl Acetate	108-05-4	ug/L	9/21/2023	2.5	10	0	<10.0
GU-5	d	Vinyl Chloride	75-01-4	ug/L	9/21/2023	0.18	1	0	<1.00
GU-5	d	Xylenes, total	1330-20-7	ug/L	9/21/2023	0.4	3	0	<3.00
GU-5	d	Total Suspended Solids	TSS	mg/L	9/21/2023	0.638	1.88	J	1.13
MW-26	u	Antimony	7440-36-0	mg/L	9/20/2023	0.001	0.002	0	<0.00200
MW-26	u	Arsenic	7440-38-2	mg/L	9/20/2023	0.00053	0.002	0	<0.00200
MW-26	u	Barium	7440-39-3	mg/L	9/20/2023	0.00064	0.002	0	0.0314
MW-26	u	Beryllium	7440-41-7	mg/L	9/20/2023	0.00033	0.001	0	<0.00100
MW-26	u	Cadmium	7440-43-9	mg/L	9/20/2023	0.0001	0.0002	J	0.000144
MW-26	u	Chromium	7440-47-3	mg/L	9/20/2023	0.0011	0.005	0	<0.00500
MW-26	u	Cobalt	7440-48-4	mg/L	9/20/2023	0.00017	0.0005	J	0.000249
MW-26	u	Copper	7440-50-8	mg/L	9/20/2023	0.0018	0.005	0	<0.00500
MW-26	u	Lead	7439-92-1	mg/L	9/20/2023	0.00024	0.0005	0	<0.000500
MW-26	u	Nickel	7440-02-0	mg/L	9/20/2023	0.0019	0.005	J	0.00418
MW-26	u	Selenium	7782-49-2	mg/L	9/20/2023	0.0014	0.005	0	<0.00500
MW-26	u	Silver	7440-22-4	mg/L	9/20/2023	0.0005	0.001	0	<0.00100
MW-26	u	Thallium	7440-28-0	mg/L	9/20/2023	0.00026	0.001	0	<0.00100
MW-26	u	Vanadium	7440-62-2	mg/L	9/20/2023	0.0011	0.005	0	<0.00500
MW-26	u	Zinc	7440-66-6	mg/L	9/20/2023	0.0064	0.02	J	0.0168
MW-26	u	Acetone	67-64-1	ug/L	9/20/2023	3.1	10	0	<10.0
MW-26	u	Acrylonitrile	107-13-1	ug/L	9/20/2023	2.2	5	0	<5.00
MW-26	u	Benzene	71-43-2	ug/L	9/20/2023	0.22	0.5	0	<0.500
MW-26	u	Bromochloromethane	74-97-5	ug/L	9/20/2023	0.54	5	0	<5.00
MW-26	u	Bromodichloromethane	75-27-4	ug/L	9/20/2023	0.39	1	0	<1.00
MW-26	u	Bromoform	75-25-2	ug/L	9/20/2023	0.78	5	0	<5.00
MW-26	u	Bromomethane	74-83-9	ug/L	9/20/2023	1.1	4	0	<4.00
MW-26	u	2-Butanone	78-93-3	ug/L	9/20/2023	2.1	10	0	<10.0
MW-26	u	Carbon Disulfide	75-15-0	ug/L	9/20/2023	0.45	1	0	<1.00
MW-26	u	Carbon Tetrachloride	56-23-5	ug/L	9/20/2023	0.65	2	0	<2.00
MW-26	u	Chlorobenzene	108-90-7	ug/L	9/20/2023	0.4	1	0	<1.00
MW-26	u	Chlorodibromomethane	124-48-1	ug/L	9/20/2023	0.75	5	0	<5.00
MW-26	u	Chloroethane	75-00-3	ug/L	9/20/2023	0.79	4	0	<4.00
MW-26	u	Chloroform	67-66-3	ug/L	9/20/2023	1.3	3	0	<3.00
MW-26	u	Chloromethane	74-87-3	ug/L	9/20/2023	0.61	3	0	<3.00
MW-26	u	cis-1,2-Dichloroethene	156-59-2	ug/L	9/20/2023	0.21	1	0	<1.00
MW-26	u	cis-1,3-Dichloropropene	10061-01-5	ug/L	9/20/2023	0.25	5	0	<5.00
MW-26	u	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	9/20/2023	1.2	5	0	<5.00
MW-26	u	1,2-Dibromoethane [EDB]	106-93-4	ug/L	9/20/2023	0.34	1	0	<1.00
MW-26	u	Methylene Bromide	74-95-3	ug/L	9/20/2023	0.33	1	0	<1.00
MW-26	u	1,2-Dichlorobenzene	95-50-1	ug/L	9/20/2023	0.37	1	0	<1.00
MW-26	u	1,4-Dichlorobenzene	106-46-7	ug/L	9/20/2023	0.23	1	0	<1.00
MW-26	u	1,1-Dichloroethane	75-34-3	ug/L	9/20/2023	0.22	1	0	<1.00
MW-26	u	1,2-Dichloroethane	107-06-2	ug/L	9/20/2023	0.39	1	0	<1.00
MW-26	u	1,1-Dichloroethene	75-35-4	ug/L	9/20/2023	0.56	2	0	<2.00
MW-26	u	1,2-Dichloropropane	78-87-5	ug/L	9/20/2023	0.27	1	0	<1.00
MW-26	u	Ethylbenzene	100-41-4	ug/L	9/20/2023	0.31	1	0	<1.00
MW-26	u	2-Hexanone	591-78-6	ug/L	9/20/2023	2	10	0	<10.0
MW-26	u	Iodomethane	74-88-4	ug/L	9/20/2023	7	10	0	<10.0
MW-26	u	Methylene Chloride	75-09-2	ug/L	9/20/2023	1.7	5	0	<5.00
MW-26	u	4-Methyl-2-Pentanone	108-10-1	ug/L	9/20/2023	2.1	10	0	<10.0
MW-26	u	Styrene	100-42-5	ug/L	9/20/2023	0.37	1	0	<1.00
MW-26	u	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	9/20/2023	0.38	1	0	<1.00
MW-26	u	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	9/20/2023	0.47	1	0	<1.00
MW-26	u	Tetrachloroethene	127-18-4	ug/L	9/20/2023	0.48	1	0	<1.00
MW-26	u	Toluene	108-88-3	ug/L	9/20/2023	0.43	1	0	<1.00
MW-26	u	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	9/20/2023	1.1	10	0	<10.0
MW-26	u	trans-1,2-Dichloroethene	156-60-5	ug/L	9/20/2023	0.27	1	0	<1.00
MW-26	u	trans-1,3-Dichloropropene	10061-02-6	ug/L	9/20/2023	0.56	5	0	<5.00
MW-26	u	1,1,1-Trichloroethane	71-55-6	ug/L	9/20/2023	0.19	1	0	<1.00
MW-26	u	1,1,2-Trichloroethane	79-00-5	ug/L	9/20/2023	0.45	1	0	<1.00
MW-26	u	Trichloroethene	79-01-6	ug/L	9/20/2023	0.43	1	0	<1.00

Table 9A
Analytical Data Summary - Phase II MSWLF
2024 Annual Water Quality Report
Phase II MSWLF and CWTS
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-26	u	Trichlorofluoromethane	75-69-4	ug/L	9/20/2023	0.38	4	0	<4.00
MW-26	u	1,2,3-Trichloropropane	96-18-4	ug/L	9/20/2023	0.59	1	0	<1.00
MW-26	u	Vinyl Acetate	108-05-4	ug/L	9/20/2023	2.5	10	0	<10.0
MW-26	u	Vinyl Chloride	75-01-4	ug/L	9/20/2023	0.18	1	0	<1.00
MW-26	u	Xylenes, total	1330-20-7	ug/L	9/20/2023	0.4	3	0	<3.00
MW-26	u	Total Suspended Solids	TSS	mg/L	9/20/2023	0.638	1.88	0	<1.88
MW-67	d	Antimony	7440-36-0	mg/L	9/20/2023	0.001	0.002	0	<0.00200
MW-67	d	Arsenic	7440-38-2	mg/L	9/20/2023	0.00053	0.002	0	<0.00200
MW-67	d	Barium	7440-39-3	mg/L	9/20/2023	0.00064	0.002	0	0.0479
MW-67	d	Beryllium	7440-41-7	mg/L	9/20/2023	0.00033	0.001	0	<0.00100
MW-67	d	Cadmium	7440-43-9	mg/L	9/20/2023	0.0001	0.0002	J	0.000106
MW-67	d	Chromium	7440-47-3	mg/L	9/20/2023	0.0011	0.005	J	0.00132
MW-67	d	Cobalt	7440-48-4	mg/L	9/20/2023	0.00017	0.0005	0	<0.000500
MW-67	d	Copper	7440-50-8	mg/L	9/20/2023	0.0018	0.005	J	0.00344
MW-67	d	Lead	7439-92-1	mg/L	9/20/2023	0.00024	0.0005	0	<0.000500
MW-67	d	Nickel	7440-02-0	mg/L	9/20/2023	0.0019	0.005	J	0.00276
MW-67	d	Selenium	7782-49-2	mg/L	9/20/2023	0.0014	0.005	0	0.00859
MW-67	d	Silver	7440-22-4	mg/L	9/20/2023	0.0005	0.001	0	<0.00100
MW-67	d	Thallium	7440-28-0	mg/L	9/20/2023	0.00026	0.001	0	<0.00100
MW-67	d	Vanadium	7440-62-2	mg/L	9/20/2023	0.0011	0.005	0	<0.00500
MW-67	d	Zinc	7440-66-6	mg/L	9/20/2023	0.0064	0.02	0	<0.0200
MW-67	d	Acetone	67-64-1	ug/L	9/20/2023	3.1	10	0	<10.0
MW-67	d	Acrylonitrile	107-13-1	ug/L	9/20/2023	2.2	5	0	<5.00
MW-67	d	Benzene	71-43-2	ug/L	9/20/2023	0.22	0.5	0	<0.500
MW-67	d	Bromochloromethane	74-97-5	ug/L	9/20/2023	0.54	5	0	<5.00
MW-67	d	Bromodichloromethane	75-27-4	ug/L	9/20/2023	0.39	1	0	<1.00
MW-67	d	Bromoform	75-25-2	ug/L	9/20/2023	0.78	5	0	<5.00
MW-67	d	Bromomethane	74-83-9	ug/L	9/20/2023	1.1	4	0	<4.00
MW-67	d	2-Butanone	78-93-3	ug/L	9/20/2023	2.1	10	0	<10.0
MW-67	d	Carbon Disulfide	75-15-0	ug/L	9/20/2023	0.45	1	0	<1.00
MW-67	d	Carbon Tetrachloride	56-23-5	ug/L	9/20/2023	0.65	2	0	<2.00
MW-67	d	Chlorobenzene	108-90-7	ug/L	9/20/2023	0.4	1	0	<1.00
MW-67	d	Chlorodibromomethane	124-48-1	ug/L	9/20/2023	0.75	5	0	<5.00
MW-67	d	Chloroethane	75-00-3	ug/L	9/20/2023	0.79	4	0	<4.00
MW-67	d	Chloroform	67-66-3	ug/L	9/20/2023	1.3	3	0	<3.00
MW-67	d	Chloromethane	74-87-3	ug/L	9/20/2023	0.61	3	0	<3.00
MW-67	d	cis-1,2-Dichloroethene	156-59-2	ug/L	9/20/2023	0.21	1	0	<1.00
MW-67	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	9/20/2023	0.25	5	0	<5.00
MW-67	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	9/20/2023	1.2	5	0	<5.00
MW-67	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	9/20/2023	0.34	1	0	<1.00
MW-67	d	Methylene Bromide	74-95-3	ug/L	9/20/2023	0.33	1	0	<1.00
MW-67	d	1,2-Dichlorobenzene	95-50-1	ug/L	9/20/2023	0.37	1	0	<1.00
MW-67	d	1,4-Dichlorobenzene	106-46-7	ug/L	9/20/2023	0.23	1	0	<1.00
MW-67	d	1,1-Dichloroethane	75-34-3	ug/L	9/20/2023	0.22	1	0	<1.00
MW-67	d	1,2-Dichloroethane	107-06-2	ug/L	9/20/2023	0.39	1	0	<1.00
MW-67	d	1,1-Dichloroethene	75-35-4	ug/L	9/20/2023	0.56	2	0	<2.00
MW-67	d	1,2-Dichloropropane	78-87-5	ug/L	9/20/2023	0.27	1	0	<1.00
MW-67	d	Ethylbenzene	100-41-4	ug/L	9/20/2023	0.31	1	0	<1.00
MW-67	d	2-Hexanone	591-78-6	ug/L	9/20/2023	2	10	0	<10.0
MW-67	d	Iodomethane	74-88-4	ug/L	9/20/2023	7	10	0	<10.0
MW-67	d	Methylene Chloride	75-09-2	ug/L	9/20/2023	1.7	5	0	<5.00
MW-67	d	4-Methyl-2-Pentanone	108-10-1	ug/L	9/20/2023	2.1	10	0	<10.0
MW-67	d	Styrene	100-42-5	ug/L	9/20/2023	0.37	1	0	<1.00
MW-67	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	9/20/2023	0.38	1	0	<1.00
MW-67	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	9/20/2023	0.47	1	0	<1.00
MW-67	d	Tetrachloroethene	127-18-4	ug/L	9/20/2023	0.48	1	0	<1.00
MW-67	d	Toluene	108-88-3	ug/L	9/20/2023	0.43	1	0	<1.00
MW-67	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	9/20/2023	1.1	10	0	<10.0
MW-67	d	trans-1,2-Dichloroethene	156-60-5	ug/L	9/20/2023	0.27	1	0	<1.00
MW-67	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	9/20/2023	0.56	5	0	<5.00
MW-67	d	1,1,1-Trichloroethane	71-55-6	ug/L	9/20/2023	0.19	1	0	<1.00
MW-67	d	1,1,2-Trichloroethane	79-00-5	ug/L	9/20/2023	0.45	1	0	<1.00
MW-67	d	Trichloroethene	79-01-6	ug/L	9/20/2023	0.43	1	0	<1.00
MW-67	d	Trichlorofluoromethane	75-69-4	ug/L	9/20/2023	0.38	4	0	<4.00
MW-67	d	1,2,3-Trichloropropane	96-18-4	ug/L	9/20/2023	0.59	1	0	<1.00
MW-67	d	Vinyl Acetate	108-05-4	ug/L	9/20/2023	2.5	10	0	<10.0
MW-67	d	Vinyl Chloride	75-01-4	ug/L	9/20/2023	0.18	1	0	<1.00
MW-67	d	Xylenes, total	1330-20-7	ug/L	9/20/2023	0.4	3	0	<3.00
MW-67	d	Total Suspended Solids	TSS	mg/L	9/20/2023	0.638	1.88	0	22.9
MW-67	d	Selenium	7782-49-2	mg/L	12/5/2023	0.0014	0.005		<0.00500
MW-67	d	Total Suspended Solids	TSS	mg/L	12/5/2023	0.638	1.88		5.25
MW-C	d	Arsenic	7440-38-2	mg/L	12/5/2023	0.00053	0.002	J	0.000908
MW-C	d	Total Suspended Solids	TSS	mg/L	12/5/2023	0.638	1.88		10.0
MW-66	d	Barium	7440-39-3	mg/L	12/5/2023	0.000640	0.00200		0.0292
MW-66	d	Nickel	7440-02-0	mg/L	12/5/2023	0.00190	0.00500		0.0205

Table 9A
Analytical Data Summary - Phase II MSWLF
2024 Annual Water Quality Report
Phase II MSWLF and CWTS
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-66	d	Total Suspended Solids	TSS	mg/L	12/5/2023	0.638	1.88	J	1.75
MW-E	d	Antimony	7440-36-0	mg/L	12/5/2023	0.001	0.002		<0.00200
MW-E	d	Arsenic	7440-38-2	mg/L	12/5/2023	0.00053	0.002	J	0.000670
MW-E	d	Barium	7440-39-3	mg/L	12/5/2023	0.00064	0.002		0.505
MW-E	d	Beryllium	7440-41-7	mg/L	12/5/2023	0.00033	0.001		<0.00100
MW-E	d	Cadmium	7440-43-9	mg/L	12/5/2023	0.0001	0.0002		<0.000200
MW-E	d	Chromium	7440-47-3	mg/L	12/5/2023	0.0011	0.005		<0.00500
MW-E	d	Cobalt	7440-48-4	mg/L	12/5/2023	0.00017	0.0005		0.000513
MW-E	d	Copper	7440-50-8	mg/L	12/5/2023	0.0018	0.005		<0.00500
MW-E	d	Lead	7439-92-1	mg/L	12/5/2023	0.00024	0.0005		<0.000500
MW-E	d	Nickel	7440-02-0	mg/L	12/5/2023	0.0019	0.005		<0.00500
MW-E	d	Selenium	7782-49-2	mg/L	12/5/2023	0.0014	0.005		<0.00500
MW-E	d	Silver	7440-22-4	mg/L	12/5/2023	0.0005	0.001		<0.00100
MW-E	d	Thallium	7440-28-0	mg/L	12/5/2023	0.00026	0.001		<0.00100
MW-E	d	Vanadium	7440-62-2	mg/L	12/5/2023	0.0011	0.005		<0.00500
MW-E	d	Zinc	7440-66-6	mg/L	12/5/2023	0.0064	0.02		<0.0200
MW-E	d	Acetone	67-64-1	ug/L	12/5/2023	3.1	10		<10.0
MW-E	d	Acrylonitrile	107-13-1	ug/L	12/5/2023	2.2	5		<5.00
MW-E	d	Benzene	71-43-2	ug/L	12/5/2023	0.22	0.5		<0.500
MW-E	d	Bromochloromethane	74-97-5	ug/L	12/5/2023	0.54	5		<5.00
MW-E	d	Bromodichloromethane	75-27-4	ug/L	12/5/2023	0.39	1		<1.00
MW-E	d	Bromoform	75-25-2	ug/L	12/5/2023	0.78	5		<5.00
MW-E	d	Bromomethane	74-83-9	ug/L	12/5/2023	1.1	4		<4.00
MW-E	d	2-Butanone	78-93-3	ug/L	12/5/2023	2.1	10		<10.0
MW-E	d	Carbon Disulfide	75-15-0	ug/L	12/5/2023	0.45	1		<1.00
MW-E	d	Carbon Tetrachloride	56-23-5	ug/L	12/5/2023	0.65	2		<2.00
MW-E	d	Chlorobenzene	108-90-7	ug/L	12/5/2023	0.4	1		<1.00
MW-E	d	Chlorodibromomethane	124-48-1	ug/L	12/5/2023	0.75	5		<5.00
MW-E	d	Chloroethane	75-00-3	ug/L	12/5/2023	0.79	4		<4.00
MW-E	d	Chloroform	67-66-3	ug/L	12/5/2023	1.3	3		<3.00
MW-E	d	Chloromethane	74-87-3	ug/L	12/5/2023	0.61	3		<3.00
MW-E	d	cis-1,2-Dichloroethene	156-59-2	ug/L	12/5/2023	0.21	1		<1.00
MW-E	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	12/5/2023	0.25	5		<5.00
MW-E	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	12/5/2023	1.2	5		<5.00
MW-E	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	12/5/2023	0.34	1		<1.00
MW-E	d	Methylene Bromide	74-95-3	ug/L	12/5/2023	0.33	1		<1.00
MW-E	d	1,2-Dichlorobenzene	95-50-1	ug/L	12/5/2023	0.37	1		<1.00
MW-E	d	1,4-Dichlorobenzene	106-46-7	ug/L	12/5/2023	0.23	1		<1.00
MW-E	d	1,1-Dichloroethane	75-34-3	ug/L	12/5/2023	0.22	1		<1.00
MW-E	d	1,2-Dichloroethane	107-06-2	ug/L	12/5/2023	0.39	1		<1.00
MW-E	d	1,1-Dichloroethene	75-35-4	ug/L	12/5/2023	0.56	2		<2.00
MW-E	d	1,2-Dichloropropane	78-87-5	ug/L	12/5/2023	0.27	1		<1.00
MW-E	d	Ethylbenzene	100-41-4	ug/L	12/5/2023	0.31	1		<1.00
MW-E	d	2-Hexanone	591-78-6	ug/L	12/5/2023	2	10		<10.0
MW-E	d	Iodomethane	74-88-4	ug/L	12/5/2023	7	10		<10.0
MW-E	d	Methylene Chloride	75-09-2	ug/L	12/5/2023	1.7	5		<5.00
MW-E	d	4-Methyl-2-Pentanone	108-10-1	ug/L	12/5/2023	2.1	10		<10.0
MW-E	d	Styrene	100-42-5	ug/L	12/5/2023	0.37	1		<1.00
MW-E	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	12/5/2023	0.38	1		<1.00
MW-E	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	12/5/2023	0.47	1		<1.00
MW-E	d	Tetrachloroethene	127-18-4	ug/L	12/5/2023	0.48	1		<1.00
MW-E	d	Toluene	108-88-3	ug/L	12/5/2023	0.43	1		<1.00
MW-E	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	12/5/2023	1.1	10		<10.0
MW-E	d	trans-1,2-Dichloroethene	156-60-5	ug/L	12/5/2023	0.27	1		<1.00
MW-E	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	12/5/2023	0.56	5		<5.00
MW-E	d	1,1,1-Trichloroethane	71-55-6	ug/L	12/5/2023	0.19	1		<1.00
MW-E	d	1,1,2-Trichloroethane	79-00-5	ug/L	12/5/2023	0.45	1		<1.00
MW-E	d	Trichloroethene	79-01-6	ug/L	12/5/2023	0.43	1		<1.00
MW-E	d	Trichlorofluoromethane	75-69-4	ug/L	12/5/2023	0.38	4		<4.00
MW-E	d	1,2,3-Trichloropropane	96-18-4	ug/L	12/5/2023	0.59	1		<1.00
MW-E	d	Vinyl Acetate	108-05-4	ug/L	12/5/2023	2.5	10		<10.0
MW-E	d	Vinyl Chloride	75-01-4	ug/L	12/5/2023	0.18	1		<1.00
MW-E	d	Xylenes, total	1330-20-7	ug/L	12/5/2023	0.4	3		<3.00
MW-E	d	Total Suspended Solids	TSS	mg/L	12/5/2023	0.638	1.88		3.87
MW-E	d	Antimony	7440-36-0	mg/L	3/29/2024	0.001	0.002		<0.00200
MW-E	d	Arsenic	7440-38-2	mg/L	3/29/2024	0.00053	0.002	J	0.000687
MW-E	d	Barium	7440-39-3	mg/L	3/29/2024	0.00064	0.002		0.556
MW-E	d	Beryllium	7440-41-7	mg/L	3/29/2024	0.00033	0.001		<0.00100
MW-E	d	Cadmium	7440-43-9	mg/L	3/29/2024	0.0001	0.0002		<0.000200
MW-E	d	Chromium	7440-47-3	mg/L	3/29/2024	0.0011	0.005		<0.00500
MW-E	d	Cobalt	7440-48-4	mg/L	3/29/2024	0.00017	0.0005	J	0.000461
MW-E	d	Copper	7440-50-8	mg/L	3/29/2024	0.0018	0.005		<0.00500
MW-E	d	Lead	7439-92-1	mg/L	3/29/2024	0.00024	0.0005		<0.000500
MW-E	d	Nickel	7440-02-0	mg/L	3/29/2024	0.0019	0.005	J	0.00259
MW-E	d	Selenium	7782-49-2	mg/L	3/29/2024	0.0014	0.005		<0.00500

Table 9A
Analytical Data Summary - Phase II MSWLF
2024 Annual Water Quality Report
Phase II MSWLF and CWTS
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-E	d	Silver	7440-22-4	mg/L	3/29/2024	0.0005	0.001		<0.00100
MW-E	d	Thallium	7440-28-0	mg/L	3/29/2024	0.00026	0.001		<0.00100
MW-E	d	Vanadium	7440-62-2	mg/L	3/29/2024	0.0011	0.005		<0.00500
MW-E	d	Zinc	7440-66-6	mg/L	3/29/2024	0.0064	0.02		<0.0200
MW-E	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	3/29/2024	0.38	1		<1.00
MW-E	d	1,1,1-Trichloroethane	71-55-6	ug/L	3/29/2024	0.19	1		<1.00
MW-E	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	3/29/2024	0.47	1		<1.00
MW-E	d	1,1,2-Trichloroethane	79-00-5	ug/L	3/29/2024	0.45	1		<1.00
MW-E	d	1,1-Dichloroethane	75-34-3	ug/L	3/29/2024	0.22	1		<1.00
MW-E	d	1,1-Dichloroethene	75-35-4	ug/L	3/29/2024	0.56	2		<2.00
MW-E	d	1,2,3-Trichloropropane	96-18-4	ug/L	3/29/2024	0.59	1		<1.00
MW-E	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	3/29/2024	1.2	1.2		<1.20
MW-E	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	3/29/2024	0.34	0.34		<0.340
MW-E	d	1,2-Dichlorobenzene	95-50-1	ug/L	3/29/2024	0.37	1		<1.00
MW-E	d	1,2-Dichloroethane	107-06-2	ug/L	3/29/2024	0.39	1		<1.00
MW-E	d	1,2-Dichloropropane	78-87-5	ug/L	3/29/2024	0.27	1		<1.00
MW-E	d	1,4-Dichlorobenzene	106-46-7	ug/L	3/29/2024	0.23	1		<1.00
MW-E	d	2-Butanone	78-93-3	ug/L	3/29/2024	2.1	10		<10.0
MW-E	d	2-Hexanone	591-78-6	ug/L	3/29/2024	2	10		<10.0
MW-E	d	4-Methyl-2-Pentanone	108-10-1	ug/L	3/29/2024	2.1	10		<10.0
MW-E	d	Acetone	67-64-1	ug/L	3/29/2024	3.1	10		<10.0
MW-E	d	Acrylonitrile	107-13-1	ug/L	3/29/2024	2.2	10		<10.0
MW-E	d	Benzene	71-43-2	ug/L	3/29/2024	0.22	0.5		<0.500
MW-E	d	Bromochloromethane	74-97-5	ug/L	3/29/2024	0.54	5		<5.00
MW-E	d	Bromodichloromethane	75-27-4	ug/L	3/29/2024	0.39	1		<1.00
MW-E	d	Bromoform	75-25-2	ug/L	3/29/2024	0.78	5		<5.00
MW-E	d	Bromomethane	74-83-9	ug/L	3/29/2024	1.1	4		<4.00
MW-E	d	Carbon Disulfide	75-15-0	ug/L	3/29/2024	0.45	1		<1.00
MW-E	d	Carbon Tetrachloride	56-23-5	ug/L	3/29/2024	0.65	2		<2.00
MW-E	d	Chlorobenzene	108-90-7	ug/L	3/29/2024	0.4	1		<1.00
MW-E	d	Chlorodibromomethane	124-48-1	ug/L	3/29/2024	0.75	5		<5.00
MW-E	d	Chloroethane	75-00-3	ug/L	3/29/2024	0.79	4		<4.00
MW-E	d	Chloroform	67-66-3	ug/L	3/29/2024	1.3	3		<3.00
MW-E	d	Chloromethane	74-87-3	ug/L	3/29/2024	0.61	3		<3.00
MW-E	d	cis-1,2-Dichloroethene	156-59-2	ug/L	3/29/2024	0.21	1		<1.00
MW-E	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	3/29/2024	0.25	5		<5.00
MW-E	d	Methylene Bromide	74-95-3	ug/L	3/29/2024	0.33	1		<1.00
MW-E	d	Ethylbenzene	100-41-4	ug/L	3/29/2024	0.31	1		<1.00
MW-E	d	Iodomethane	74-88-4	ug/L	3/29/2024	7	10		<10.0
MW-E	d	Methylene Chloride	75-09-2	ug/L	3/29/2024	1.7	5		<5.00
MW-E	d	Styrene	100-42-5	ug/L	3/29/2024	0.37	1		<1.00
MW-E	d	Tetrachloroethene	127-18-4	ug/L	3/29/2024	0.48	1		<1.00
MW-E	d	Toluene	108-88-3	ug/L	3/29/2024	0.43	1		<1.00
MW-E	d	trans-1,2-Dichloroethene	156-60-5	ug/L	3/29/2024	0.27	1		<1.00
MW-E	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	3/29/2024	0.56	5		<5.00
MW-E	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	3/29/2024	1.1	10		<10.0
MW-E	d	Trichloroethene	79-01-6	ug/L	3/29/2024	0.43	1		<1.00
MW-E	d	Trichlorofluoromethane	75-69-4	ug/L	3/29/2024	0.38	4		<4.00
MW-E	d	Vinyl Acetate	108-05-4	ug/L	3/29/2024	2.5	10		<10.0
MW-E	d	Vinyl Chloride	75-01-4	ug/L	3/29/2024	0.18	1		<1.00
MW-E	d	Xylenes, total	1330-20-7	ug/L	3/29/2024	0.4	3		<3.00
MW-E	d	Total Suspended Solids	TSS	mg/L	3/29/2024	0.638	1.88	J	1.63
MW-26	d	Antimony	7440-36-0	mg/L	5/8/2024	0.001	0.002		<0.00200
MW-26	d	Arsenic	7440-38-2	mg/L	5/8/2024	0.00053	0.002		<0.00200
MW-26	d	Barium	7440-39-3	mg/L	5/8/2024	0.00066	0.002		0.0641
MW-26	d	Beryllium	7440-41-7	mg/L	5/8/2024	0.00033	0.001		<0.00100
MW-26	d	Cadmium	7440-43-9	mg/L	5/8/2024	0.0001	0.0002		<0.000200
MW-26	d	Chromium	7440-47-3	mg/L	5/8/2024	0.0012	0.005	J	0.00255
MW-26	d	Cobalt	7440-48-4	mg/L	5/8/2024	0.00017	0.0005		<0.000500
MW-26	d	Copper	7440-50-8	mg/L	5/8/2024	0.0018	0.005	B	0.00674
MW-26	d	Lead	7439-92-1	mg/L	5/8/2024	0.00026	0.0005		<0.000500
MW-26	d	Nickel	7440-02-0	mg/L	5/8/2024	0.0021	0.005		<0.00500
MW-26	d	Selenium	7782-49-2	mg/L	5/8/2024	0.0014	0.005		0.00851
MW-26	d	Silver	7440-22-4	mg/L	5/8/2024	0.0005	0.001		<0.00100
MW-26	d	Thallium	7440-28-0	mg/L	5/8/2024	0.00057	0.001		<0.00100
MW-26	d	Vanadium	7440-62-2	mg/L	5/8/2024	0.0011	0.005		<0.00500
MW-26	d	Zinc	7440-66-6	mg/L	5/8/2024	0.0097	0.02		<0.0200
MW-26	d	Acetone	67-64-1	ug/L	5/8/2024	3.1	10		<10.0
MW-26	d	Acrylonitrile	107-13-1	ug/L	5/8/2024	2.2	5		<5.00
MW-26	d	Benzene	71-43-2	ug/L	5/8/2024	0.22	0.5		<0.500
MW-26	d	Bromochloromethane	74-97-5	ug/L	5/8/2024	0.54	5		<5.00
MW-26	d	Bromodichloromethane	75-27-4	ug/L	5/8/2024	0.39	1		<1.00
MW-26	d	Bromoform	75-25-2	ug/L	5/8/2024	0.78	5		<5.00
MW-26	d	Bromomethane	74-83-9	ug/L	5/8/2024	1.1	4		<4.00
MW-26	d	2-Butanone	78-93-3	ug/L	5/8/2024	2.1	10		<10.0

Table 9A
Analytical Data Summary - Phase II MSWLF
2024 Annual Water Quality Report
Phase II MSWLF and CWTS
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-26	d	Carbon Disulfide	75-15-0	ug/L	5/8/2024	0.45	1		<1.00
MW-26	d	Carbon Tetrachloride	56-23-5	ug/L	5/8/2024	0.65	2		<2.00
MW-26	d	Chlorobenzene	108-90-7	ug/L	5/8/2024	0.4	1		<1.00
MW-26	d	Chlorodibromomethane	124-48-1	ug/L	5/8/2024	0.75	5		<5.00
MW-26	d	Chloroethane	75-00-3	ug/L	5/8/2024	0.79	4		<4.00
MW-26	d	Chloroform	67-66-3	ug/L	5/8/2024	1.3	3		<3.00
MW-26	d	Chloromethane	74-87-3	ug/L	5/8/2024	0.61	3		<3.00
MW-26	d	cis-1,2-Dichloroethene	156-59-2	ug/L	5/8/2024	0.21	1		<1.00
MW-26	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	5/8/2024	0.25	5		<5.00
MW-26	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	5/8/2024	1.2	5		<5.00
MW-26	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	5/8/2024	0.34	1		<1.00
MW-26	d	Methylene Bromide	74-95-3	ug/L	5/8/2024	0.33	1		<1.00
MW-26	d	1,2-Dichlorobenzene	95-50-1	ug/L	5/8/2024	0.37	1		<1.00
MW-26	d	1,4-Dichlorobenzene	106-46-7	ug/L	5/8/2024	0.23	1		<1.00
MW-26	d	1,1-Dichloroethane	75-34-3	ug/L	5/8/2024	0.22	1		<1.00
MW-26	d	1,2-Dichloroethane	107-06-2	ug/L	5/8/2024	0.39	1		<1.00
MW-26	d	1,1-Dichloroethene	75-35-4	ug/L	5/8/2024	0.56	2		<2.00
MW-26	d	1,2-Dichloropropane	78-87-5	ug/L	5/8/2024	0.27	1		<1.00
MW-26	d	Ethylbenzene	100-41-4	ug/L	5/8/2024	0.31	1		<1.00
MW-26	d	2-Hexanone	591-78-6	ug/L	5/8/2024	2	10		<10.0
MW-26	d	Iodomethane	74-88-4	ug/L	5/8/2024	7	10		<10.0
MW-26	d	Methylene Chloride	75-09-2	ug/L	5/8/2024	1.7	5		<5.00
MW-26	d	4-Methyl-2-Pentanone	108-10-1	ug/L	5/8/2024	2.1	10		<10.0
MW-26	d	Styrene	100-42-5	ug/L	5/8/2024	0.37	1		<1.00
MW-26	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	5/8/2024	0.38	1		<1.00
MW-26	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	5/8/2024	0.47	1		<1.00
MW-26	d	Tetrachloroethene	127-18-4	ug/L	5/8/2024	0.48	1		<1.00
MW-26	d	Toluene	108-88-3	ug/L	5/8/2024	0.43	1		<1.00
MW-26	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	5/8/2024	1.1	10		<10.0
MW-26	d	trans-1,2-Dichloroethene	156-60-5	ug/L	5/8/2024	0.27	1		<1.00
MW-26	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	5/8/2024	0.56	5		<5.00
MW-26	d	1,1,1-Trichloroethane	71-55-6	ug/L	5/8/2024	0.19	1		<1.00
MW-26	d	1,1,2-Trichloroethane	79-00-5	ug/L	5/8/2024	0.45	1		<1.00
MW-26	d	Trichloroethene	79-01-6	ug/L	5/8/2024	0.43	1		<1.00
MW-26	d	Trichlorofluoromethane	75-69-4	ug/L	5/8/2024	0.38	4		<4.00
MW-26	d	1,2,3-Trichloropropane	96-18-4	ug/L	5/8/2024	0.59	1		<1.00
MW-26	d	Vinyl Acetate	108-05-4	ug/L	5/8/2024	2.5	10		<10.0
MW-26	d	Vinyl Chloride	75-01-4	ug/L	5/8/2024	0.18	1		<1.00
MW-26	d	Xylenes, total	1330-20-7	ug/L	5/8/2024	0.4	3		<3.00
MW-26	d	Total Suspended Solids	TSS	mg/L	5/8/2024	1.39	1.88		<1.88
GU-4	d	Antimony	7440-36-0	mg/L	5/8/2024	0.00100	0.00200		<0.00200
GU-4	d	Arsenic	7440-38-2	mg/L	5/8/2024	0.000530	0.00200	J	0.000536
GU-4	d	Barium	7440-39-3	mg/L	5/8/2024	0.000660	0.00200		0.0666
GU-4	d	Beryllium	7440-41-7	mg/L	5/8/2024	0.000330	0.00100		<0.00100
GU-4	d	Cadmium	7440-43-9	mg/L	5/8/2024	0.000100	0.000200		<0.000200
GU-4	d	Chromium	7440-47-3	mg/L	5/8/2024	0.00120	0.00500		<0.00500
GU-4	d	Cobalt	7440-48-4	mg/L	5/8/2024	0.000170	0.000500		0.00304
GU-4	d	Copper	7440-50-8	mg/L	5/8/2024	0.00180	0.00500		<0.00500
GU-4	d	Lead	7439-92-1	mg/L	5/8/2024	0.000260	0.000500		<0.000500
GU-4	d	Nickel	7440-02-0	mg/L	5/8/2024	0.00210	0.00500		0.011
GU-4	d	Selenium	7782-49-2	mg/L	5/8/2024	0.00140	0.00500		<0.00500
GU-4	d	Silver	7440-22-4	mg/L	5/8/2024	0.000500	0.00100		<0.00100
GU-4	d	Thallium	7440-28-0	mg/L	5/8/2024	0.000570	0.00100		<0.00100
GU-4	d	Vanadium	7440-62-2	mg/L	5/8/2024	0.00110	0.00500		<0.00500
GU-4	d	Zinc	7440-66-6	mg/L	5/8/2024	0.00970	0.0200		<0.0200
GU-4	d	Acetone	67-64-1	ug/L	5/8/2024	3.10	10.0		<10.0
GU-4	d	Acrylonitrile	107-13-1	ug/L	5/8/2024	2.20	5.00		<5.00
GU-4	d	Benzene	71-43-2	ug/L	5/8/2024	0.220	0.500		<0.500
GU-4	d	Bromochloromethane	74-97-5	ug/L	5/8/2024	0.540	5.00		<5.00
GU-4	d	Bromodichloromethane	75-27-4	ug/L	5/8/2024	0.390	1.00		<1.00
GU-4	d	Bromoform	75-25-2	ug/L	5/8/2024	0.780	5.00		<5.00
GU-4	d	Bromomethane	74-83-9	ug/L	5/8/2024	1.10	4.00		<4.00
GU-4	d	2-Butanone	78-93-3	ug/L	5/8/2024	2.10	10.0		<10.0
GU-4	d	Carbon Disulfide	75-15-0	ug/L	5/8/2024	0.450	1.00		<1.00
GU-4	d	Carbon Tetrachloride	56-23-5	ug/L	5/8/2024	0.650	2.00		<2.00
GU-4	d	Chlorobenzene	108-90-7	ug/L	5/8/2024	0.400	1.00		<1.00
GU-4	d	Chlorodibromomethane	124-48-1	ug/L	5/8/2024	0.750	5.00		<5.00
GU-4	d	Chloroethane	75-00-3	ug/L	5/8/2024	0.790	4.00		<4.00
GU-4	d	Chloroform	67-66-3	ug/L	5/8/2024	1.30	3.00		<3.00
GU-4	d	Chloromethane	74-87-3	ug/L	5/8/2024	0.610	3.00		<3.00
GU-4	d	cis-1,2-Dichloroethene	156-59-2	ug/L	5/8/2024	0.210	1.00		<1.00
GU-4	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	5/8/2024	0.250	5.00		<5.00
GU-4	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	5/8/2024	1.20	5.00		<5.00
GU-4	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	5/8/2024	0.340	1.00		<1.00
GU-4	d	Methylene Bromide	74-95-3	ug/L	5/8/2024	0.330	1.00		<1.00

Table 9A
Analytical Data Summary - Phase II MSWLF
2024 Annual Water Quality Report
Phase II MSWLF and CWTS
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
GU-4	d	1,2-Dichlorobenzene	95-50-1	ug/L	5/8/2024	0.370	1.00		<1.00
GU-4	d	1,4-Dichlorobenzene	106-46-7	ug/L	5/8/2024	0.230	1.00		<1.00
GU-4	d	1,1-Dichloroethane	75-34-3	ug/L	5/8/2024	0.220	1.00		<1.00
GU-4	d	1,2-Dichloroethane	107-06-2	ug/L	5/8/2024	0.390	1.00		<1.00
GU-4	d	1,1-Dichloroethene	75-35-4	ug/L	5/8/2024	0.560	2.00		<2.00
GU-4	d	1,2-Dichloropropane	78-87-5	ug/L	5/8/2024	0.270	1.00		<1.00
GU-4	d	Ethylbenzene	100-41-4	ug/L	5/8/2024	0.310	1.00		<1.00
GU-4	d	2-Hexanone	591-78-6	ug/L	5/8/2024	2.00	10.0		<10.0
GU-4	d	Iodomethane	74-88-4	ug/L	5/8/2024	7.00	10.0		<10.0
GU-4	d	Methylene Chloride	75-09-2	ug/L	5/8/2024	1.70	5.00		<5.00
GU-4	d	4-Methyl-2-Pentanone	108-10-1	ug/L	5/8/2024	2.10	10.0		<10.0
GU-4	d	Styrene	100-42-5	ug/L	5/8/2024	0.370	1.00		<1.00
GU-4	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	5/8/2024	0.380	1.00		<1.00
GU-4	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	5/8/2024	0.470	1.00		<1.00
GU-4	d	Tetrachloroethene	127-18-4	ug/L	5/8/2024	0.480	1.00		<1.00
GU-4	d	Toluene	108-88-3	ug/L	5/8/2024	0.430	1.00		<1.00
GU-4	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	5/8/2024	1.10	10.0		<10.0
GU-4	d	trans-1,2-Dichloroethene	156-60-5	ug/L	5/8/2024	0.270	1.00		<1.00
GU-4	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	5/8/2024	0.560	5.00		<5.00
GU-4	d	1,1,1-Trichloroethane	71-55-6	ug/L	5/8/2024	0.190	1.00		<1.00
GU-4	d	1,1,2-Trichloroethane	79-00-5	ug/L	5/8/2024	0.450	1.00		<1.00
GU-4	d	Trichloroethene	79-01-6	ug/L	5/8/2024	0.430	1.00		<1.00
GU-4	d	Trichlorofluoromethane	75-69-4	ug/L	5/8/2024	0.380	4.00		<4.00
GU-4	d	1,2,3-Trichloropropane	96-18-4	ug/L	5/8/2024	0.590	1.00		<1.00
GU-4	d	Vinyl Acetate	108-05-4	ug/L	5/8/2024	2.50	10.0		<10.0
GU-4	d	Vinyl Chloride	75-01-4	ug/L	5/8/2024	0.180	1.00		<1.00
GU-4	d	Xylenes, total	1330-20-7	ug/L	5/8/2024	0.400	3.00		<3.00
GU-4	d	Total Suspended Solids	TSS	mg/L	5/8/2024	1.39	1.88		<1.88
MW-67	d	Antimony	7440-36-0	mg/L	5/8/2024	0.00100	0.00200		<0.00200
MW-67	d	Arsenic	7440-38-2	mg/L	5/8/2024	0.000530	0.00200		<0.00200
MW-67	d	Barium	7440-39-3	mg/L	5/8/2024	0.000660	0.00200		0.0229
MW-67	d	Beryllium	7440-41-7	mg/L	5/8/2024	0.000330	0.00100		<0.00100
MW-67	d	Cadmium	7440-43-9	mg/L	5/8/2024	0.000100	0.000200		<0.000200
MW-67	d	Chromium	7440-47-3	mg/L	5/8/2024	0.00120	0.00500		<0.00500
MW-67	d	Cobalt	7440-48-4	mg/L	5/8/2024	0.000170	0.000500		<0.000500
MW-67	d	Copper	7440-50-8	mg/L	5/8/2024	0.00180	0.00500		<0.00500
MW-67	d	Lead	7439-92-1	mg/L	5/8/2024	0.000260	0.000500		<0.000500
MW-67	d	Nickel	7440-02-0	mg/L	5/8/2024	0.00210	0.00500		<0.00500
MW-67	d	Selenium	7782-49-2	mg/L	5/8/2024	0.00140	0.00500		<0.00500
MW-67	d	Silver	7440-22-4	mg/L	5/8/2024	0.000500	0.00100		<0.00100
MW-67	d	Thallium	7440-28-0	mg/L	5/8/2024	0.000570	0.00100		<0.00100
MW-67	d	Vanadium	7440-62-2	mg/L	5/8/2024	0.00110	0.00500		<0.00500
MW-67	d	Zinc	7440-66-6	mg/L	5/8/2024	0.00970	0.0200		<0.0200
MW-67	d	Acetone	67-64-1	ug/L	5/8/2024	3.10	10.0		<10.0
MW-67	d	Acrylonitrile	107-13-1	ug/L	5/8/2024	2.20	5.00		<5.00
MW-67	d	Benzene	71-43-2	ug/L	5/8/2024	0.220	0.500		<0.500
MW-67	d	Bromochloromethane	74-97-5	ug/L	5/8/2024	0.540	5.00		<5.00
MW-67	d	Bromodichloromethane	75-27-4	ug/L	5/8/2024	0.390	1.00		<1.00
MW-67	d	Bromoform	75-25-2	ug/L	5/8/2024	0.780	5.00		<5.00
MW-67	d	Bromomethane	74-83-9	ug/L	5/8/2024	1.10	4.00		<4.00
MW-67	d	2-Butanone	78-93-3	ug/L	5/8/2024	2.10	10.0		<10.0
MW-67	d	Carbon Disulfide	75-15-0	ug/L	5/8/2024	0.450	1.00		<1.00
MW-67	d	Carbon Tetrachloride	56-23-5	ug/L	5/8/2024	0.650	2.00		<2.00
MW-67	d	Chlorobenzene	108-90-7	ug/L	5/8/2024	0.400	1.00		<1.00
MW-67	d	Chlorodibromomethane	124-48-1	ug/L	5/8/2024	0.750	5.00		<5.00
MW-67	d	Chloroethane	75-00-3	ug/L	5/8/2024	0.790	4.00		<4.00
MW-67	d	Chloroform	67-66-3	ug/L	5/8/2024	1.30	3.00		<3.00
MW-67	d	Chloromethane	74-87-3	ug/L	5/8/2024	0.610	3.00		<3.00
MW-67	d	cis-1,2-Dichloroethene	156-59-2	ug/L	5/8/2024	0.210	1.00		<1.00
MW-67	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	5/8/2024	0.250	5.00		<5.00
MW-67	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	5/8/2024	1.20	5.00		<5.00
MW-67	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	5/8/2024	0.340	1.00		<1.00
MW-67	d	Methylene Bromide	74-95-3	ug/L	5/8/2024	0.330	1.00		<1.00
MW-67	d	1,2-Dichlorobenzene	95-50-1	ug/L	5/8/2024	0.370	1.00		<1.00
MW-67	d	1,4-Dichlorobenzene	106-46-7	ug/L	5/8/2024	0.230	1.00		<1.00
MW-67	d	1,1-Dichloroethane	75-34-3	ug/L	5/8/2024	0.220	1.00		<1.00
MW-67	d	1,2-Dichloroethane	107-06-2	ug/L	5/8/2024	0.390	1.00		<1.00
MW-67	d	1,1-Dichloroethene	75-35-4	ug/L	5/8/2024	0.560	2.00		<2.00
MW-67	d	1,2-Dichloropropane	78-87-5	ug/L	5/8/2024	0.270	1.00		<1.00
MW-67	d	Ethylbenzene	100-41-4	ug/L	5/8/2024	0.310	1.00		<1.00
MW-67	d	2-Hexanone	591-78-6	ug/L	5/8/2024	2.00	10.0		<10.0
MW-67	d	Iodomethane	74-88-4	ug/L	5/8/2024	7.00	10.0		<10.0
MW-67	d	Methylene Chloride	75-09-2	ug/L	5/8/2024	1.70	5.00		<5.00
MW-67	d	4-Methyl-2-Pentanone	108-10-1	ug/L	5/8/2024	2.10	10.0		<10.0
MW-67	d	Styrene	100-42-5	ug/L	5/8/2024	0.370	1.00		<1.00

Table 9A
Analytical Data Summary - Phase II MSWLF
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Phase II MSWLF and CWTS
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-67	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	5/8/2024	0.380	1.00		<1.00
MW-67	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	5/8/2024	0.470	1.00		<1.00
MW-67	d	Tetrachloroethene	127-18-4	ug/L	5/8/2024	0.480	1.00		<1.00
MW-67	d	Toluene	108-88-3	ug/L	5/8/2024	0.430	1.00		<1.00
MW-67	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	5/8/2024	1.10	10.0		<10.0
MW-67	d	trans-1,2-Dichloroethene	156-60-5	ug/L	5/8/2024	0.270	1.00		<1.00
MW-67	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	5/8/2024	0.560	5.00		<5.00
MW-67	d	1,1,1-Trichloroethane	71-55-6	ug/L	5/8/2024	0.190	1.00		<1.00
MW-67	d	1,1,2-Trichloroethane	79-00-5	ug/L	5/8/2024	0.450	1.00		<1.00
MW-67	d	Trichloroethene	79-01-6	ug/L	5/8/2024	0.430	1.00		<1.00
MW-67	d	Trichlorofluoromethane	75-69-4	ug/L	5/8/2024	0.380	4.00		<4.00
MW-67	d	1,2,3-Trichloropropane	96-18-4	ug/L	5/8/2024	0.590	1.00		<1.00
MW-67	d	Vinyl Acetate	108-05-4	ug/L	5/8/2024	2.50	10.0		<10.0
MW-67	d	Vinyl Chloride	75-01-4	ug/L	5/8/2024	0.180	1.00		<1.00
MW-67	d	Xylenes, total	1330-20-7	ug/L	5/8/2024	0.400	3.00		<3.00
MW-67	d	Total Suspended Solids	TSS	mg/L	5/8/2024	1.39	1.88		7.88
MW-B	d	Antimony	7440-36-0	mg/L	5/8/2024	0.00100	0.00200		<0.00200
MW-B	d	Arsenic	7440-38-2	mg/L	5/8/2024	0.000530	0.00200		<0.00200
MW-B	d	Barium	7440-39-3	mg/L	5/8/2024	0.000660	0.00200		0.0392
MW-B	d	Beryllium	7440-41-7	mg/L	5/8/2024	0.000330	0.00100		<0.00100
MW-B	d	Cadmium	7440-43-9	mg/L	5/8/2024	0.000100	0.000200		<0.000200
MW-B	d	Chromium	7440-47-3	mg/L	5/8/2024	0.00120	0.00500		<0.00500
MW-B	d	Cobalt	7440-48-4	mg/L	5/8/2024	0.000170	0.000500		<0.000500
MW-B	d	Copper	7440-50-8	mg/L	5/8/2024	0.00180	0.00500		<0.00500
MW-B	d	Lead	7439-92-1	mg/L	5/8/2024	0.000260	0.000500		<0.000500
MW-B	d	Nickel	7440-02-0	mg/L	5/8/2024	0.00210	0.00500		<0.00500
MW-B	d	Selenium	7782-49-2	mg/L	5/8/2024	0.00140	0.00500		<0.00500
MW-B	d	Silver	7440-22-4	mg/L	5/8/2024	0.000500	0.00100		<0.00100
MW-B	d	Thallium	7440-28-0	mg/L	5/8/2024	0.000570	0.00100		<0.00100
MW-B	d	Vanadium	7440-62-2	mg/L	5/8/2024	0.00110	0.00500		<0.00500
MW-B	d	Zinc	7440-66-6	mg/L	5/8/2024	0.00970	0.0200		<0.0200
MW-B	d	Acetone	67-64-1	ug/L	5/8/2024	3.10	10.0		<10.0
MW-B	d	Acrylonitrile	107-13-1	ug/L	5/8/2024	2.20	5.00		<5.00
MW-B	d	Benzene	71-43-2	ug/L	5/8/2024	0.220	0.500		<0.500
MW-B	d	Bromochloromethane	74-97-5	ug/L	5/8/2024	0.540	5.00		<5.00
MW-B	d	Bromodichloromethane	75-27-4	ug/L	5/8/2024	0.390	1.00		<1.00
MW-B	d	Bromoform	75-25-2	ug/L	5/8/2024	0.780	5.00		<5.00
MW-B	d	Bromomethane	74-83-9	ug/L	5/8/2024	1.10	4.00		<4.00
MW-B	d	2-Butanone	78-93-3	ug/L	5/8/2024	2.10	10.0		<10.0
MW-B	d	Carbon Disulfide	75-15-0	ug/L	5/8/2024	0.450	1.00		<1.00
MW-B	d	Carbon Tetrachloride	56-23-5	ug/L	5/8/2024	0.650	2.00		<2.00
MW-B	d	Chlorobenzene	108-90-7	ug/L	5/8/2024	0.400	1.00		<1.00
MW-B	d	Chlorodibromomethane	124-48-1	ug/L	5/8/2024	0.750	5.00		<5.00
MW-B	d	Chloroethane	75-00-3	ug/L	5/8/2024	0.790	4.00		<4.00
MW-B	d	Chloroform	67-66-3	ug/L	5/8/2024	1.30	3.00		<3.00
MW-B	d	Chloromethane	74-87-3	ug/L	5/8/2024	0.610	3.00		<3.00
MW-B	d	cis-1,2-Dichloroethene	156-59-2	ug/L	5/8/2024	0.210	1.00	J	0.329
MW-B	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	5/8/2024	0.250	5.00		<5.00
MW-B	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	5/8/2024	1.20	5.00		<5.00
MW-B	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	5/8/2024	0.340	1.00		<1.00
MW-B	d	Methylene Bromide	74-95-3	ug/L	5/8/2024	0.330	1.00		<1.00
MW-B	d	1,2-Dichlorobenzene	95-50-1	ug/L	5/8/2024	0.370	1.00		<1.00
MW-B	d	1,4-Dichlorobenzene	106-46-7	ug/L	5/8/2024	0.230	1.00		<1.00
MW-B	d	1,1-Dichloroethane	75-34-3	ug/L	5/8/2024	0.220	1.00		<1.00
MW-B	d	1,2-Dichloroethane	107-06-2	ug/L	5/8/2024	0.390	1.00		<1.00
MW-B	d	1,1-Dichloroethene	75-35-4	ug/L	5/8/2024	0.560	2.00		<2.00
MW-B	d	1,2-Dichloropropane	78-87-5	ug/L	5/8/2024	0.270	1.00		<1.00
MW-B	d	Ethylbenzene	100-41-4	ug/L	5/8/2024	0.310	1.00		<1.00
MW-B	d	2-Hexanone	591-78-6	ug/L	5/8/2024	2.00	10.0		<10.0
MW-B	d	Iodomethane	74-88-4	ug/L	5/8/2024	7.00	10.0		<10.0
MW-B	d	Methylene Chloride	75-09-2	ug/L	5/8/2024	1.70	5.00		<5.00
MW-B	d	4-Methyl-2-Pentanone	108-10-1	ug/L	5/8/2024	2.10	10.0		<10.0
MW-B	d	Styrene	100-42-5	ug/L	5/8/2024	0.370	1.00		<1.00
MW-B	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	5/8/2024	0.380	1.00		<1.00
MW-B	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	5/8/2024	0.470	1.00		<1.00
MW-B	d	Tetrachloroethene	127-18-4	ug/L	5/8/2024	0.480	1.00		<1.00
MW-B	d	Toluene	108-88-3	ug/L	5/8/2024	0.430	1.00		<1.00
MW-B	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	5/8/2024	1.10	10.0		<10.0
MW-B	d	trans-1,2-Dichloroethene	156-60-5	ug/L	5/8/2024	0.270	1.00		<1.00
MW-B	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	5/8/2024	0.560	5.00		<5.00
MW-B	d	1,1,1-Trichloroethane	71-55-6	ug/L	5/8/2024	0.190	1.00		<1.00
MW-B	d	1,1,2-Trichloroethane	79-00-5	ug/L	5/8/2024	0.450	1.00		<1.00
MW-B	d	Trichloroethene	79-01-6	ug/L	5/8/2024	0.430	1.00		<1.00
MW-B	d	Trichlorofluoromethane	75-69-4	ug/L	5/8/2024	0.380	4.00		<4.00
MW-B	d	1,2,3-Trichloropropane	96-18-4	ug/L	5/8/2024	0.590	1.00		<1.00

Table 9A
Analytical Data Summary - Phase II MSWLF
2024 Annual Water Quality Report
Phase II MSWLF and CWTS
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-B	d	Vinyl Acetate	108-05-4	ug/L	5/8/2024	2.50	10.0		<10.0
MW-B	d	Vinyl Chloride	75-01-4	ug/L	5/8/2024	0.180	1.00		<1.00
MW-B	d	Xylenes, total	1330-20-7	ug/L	5/8/2024	0.400	3.00		<3.00
MW-B	d	Total Suspended Solids	TSS	mg/L	5/8/2024	1.39	1.88		3.13
MW-C	d	Antimony	7440-36-0	mg/L	5/8/2024	0.00100	0.00200		<0.00200
MW-C	d	Arsenic	7440-38-2	mg/L	5/8/2024	0.000530	0.00200		<0.00200
MW-C	d	Barium	7440-39-3	mg/L	5/8/2024	0.000660	0.00200		0.226
MW-C	d	Beryllium	7440-41-7	mg/L	5/8/2024	0.000330	0.00100		<0.00100
MW-C	d	Cadmium	7440-43-9	mg/L	5/8/2024	0.000100	0.000200		<0.000200
MW-C	d	Chromium	7440-47-3	mg/L	5/8/2024	0.00120	0.00500		<0.00500
MW-C	d	Cobalt	7440-48-4	mg/L	5/8/2024	0.000170	0.000500		<0.000500
MW-C	d	Copper	7440-50-8	mg/L	5/8/2024	0.00180	0.00500		<0.00500
MW-C	d	Lead	7439-92-1	mg/L	5/8/2024	0.000260	0.000500		<0.000500
MW-C	d	Nickel	7440-02-0	mg/L	5/8/2024	0.00210	0.00500		<0.00500
MW-C	d	Selenium	7782-49-2	mg/L	5/8/2024	0.00140	0.00500		<0.00500
MW-C	d	Silver	7440-22-4	mg/L	5/8/2024	0.000500	0.00100		<0.00100
MW-C	d	Thallium	7440-28-0	mg/L	5/8/2024	0.000570	0.00100		<0.00100
MW-C	d	Vanadium	7440-62-2	mg/L	5/8/2024	0.00110	0.00500		<0.00500
MW-C	d	Zinc	7440-66-6	mg/L	5/8/2024	0.00970	0.0200		<0.0200
MW-C	d	Acetone	67-64-1	ug/L	5/8/2024	3.10	10.0		<10.0
MW-C	d	Acrylonitrile	107-13-1	ug/L	5/8/2024	2.20	5.00		<5.00
MW-C	d	Benzene	71-43-2	ug/L	5/8/2024	0.220	0.500		<0.500
MW-C	d	Bromochloromethane	74-97-5	ug/L	5/8/2024	0.540	5.00		<5.00
MW-C	d	Bromodichloromethane	75-27-4	ug/L	5/8/2024	0.390	1.00		<1.00
MW-C	d	Bromoform	75-25-2	ug/L	5/8/2024	0.780	5.00		<5.00
MW-C	d	Bromomethane	74-83-9	ug/L	5/8/2024	1.10	4.00		<4.00
MW-C	d	2-Butanone	78-93-3	ug/L	5/8/2024	2.10	10.0		<10.0
MW-C	d	Carbon Disulfide	75-15-0	ug/L	5/8/2024	0.450	1.00		<1.00
MW-C	d	Carbon Tetrachloride	56-23-5	ug/L	5/8/2024	0.650	2.00		<2.00
MW-C	d	Chlorobenzene	108-90-7	ug/L	5/8/2024	0.400	1.00		<1.00
MW-C	d	Chlorodibromomethane	124-48-1	ug/L	5/8/2024	0.750	5.00		<5.00
MW-C	d	Chloroethane	75-00-3	ug/L	5/8/2024	0.790	4.00		<4.00
MW-C	d	Chloroform	67-66-3	ug/L	5/8/2024	1.30	3.00		<3.00
MW-C	d	Chloromethane	74-87-3	ug/L	5/8/2024	0.610	3.00		<3.00
MW-C	d	cis-1,2-Dichloroethene	156-59-2	ug/L	5/8/2024	0.210	1.00	J	0.245
MW-C	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	5/8/2024	0.250	5.00		<5.00
MW-C	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	5/8/2024	1.20	5.00		<5.00
MW-C	d	1,2-Dibromomethane [EDB]	106-93-4	ug/L	5/8/2024	0.340	1.00		<1.00
MW-C	d	Methylene Bromide	74-95-3	ug/L	5/8/2024	0.330	1.00		<1.00
MW-C	d	1,2-Dichlorobenzene	95-50-1	ug/L	5/8/2024	0.370	1.00		<1.00
MW-C	d	1,4-Dichlorobenzene	106-46-7	ug/L	5/8/2024	0.230	1.00		<1.00
MW-C	d	1,1-Dichloroethane	75-34-3	ug/L	5/8/2024	0.220	1.00		<1.00
MW-C	d	1,2-Dichloroethane	107-06-2	ug/L	5/8/2024	0.390	1.00		<1.00
MW-C	d	1,1-Dichloroethene	75-35-4	ug/L	5/8/2024	0.560	2.00		<2.00
MW-C	d	1,2-Dichloropropane	78-87-5	ug/L	5/8/2024	0.270	1.00		<1.00
MW-C	d	Ethylbenzene	100-41-4	ug/L	5/8/2024	0.310	1.00		<1.00
MW-C	d	2-Hexanone	591-78-6	ug/L	5/8/2024	2.00	10.0		<10.0
MW-C	d	Iodomethane	74-88-4	ug/L	5/8/2024	7.00	10.0		<10.0
MW-C	d	Methylene Chloride	75-09-2	ug/L	5/8/2024	1.70	5.00		<5.00
MW-C	d	4-Methyl-2-Pentanone	108-10-1	ug/L	5/8/2024	2.10	10.0		<10.0
MW-C	d	Styrene	100-42-5	ug/L	5/8/2024	0.370	1.00		<1.00
MW-C	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	5/8/2024	0.380	1.00		<1.00
MW-C	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	5/8/2024	0.470	1.00		<1.00
MW-C	d	Tetrachloroethene	127-18-4	ug/L	5/8/2024	0.480	1.00		<1.00
MW-C	d	Toluene	108-88-3	ug/L	5/8/2024	0.430	1.00		<1.00
MW-C	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	5/8/2024	1.10	10.0		<10.0
MW-C	d	trans-1,2-Dichloroethene	156-60-5	ug/L	5/8/2024	0.270	1.00		<1.00
MW-C	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	5/8/2024	0.560	5.00		<5.00
MW-C	d	1,1,1-Trichloroethane	71-55-6	ug/L	5/8/2024	0.190	1.00		<1.00
MW-C	d	1,1,2-Trichloroethane	79-00-5	ug/L	5/8/2024	0.450	1.00		<1.00
MW-C	d	Trichloroethene	79-01-6	ug/L	5/8/2024	0.430	1.00		<1.00
MW-C	d	Trichlorofluoromethane	75-69-4	ug/L	5/8/2024	0.380	4.00		<4.00
MW-C	d	1,2,3-Trichloropropane	96-18-4	ug/L	5/8/2024	0.590	1.00		<1.00
MW-C	d	Vinyl Acetate	108-05-4	ug/L	5/8/2024	2.50	10.0		<10.0
MW-C	d	Vinyl Chloride	75-01-4	ug/L	5/8/2024	0.180	1.00		<1.00
MW-C	d	Xylenes, total	1330-20-7	ug/L	5/8/2024	0.400	3.00		<3.00
MW-C	d	Total Suspended Solids	TSS	mg/L	5/8/2024	1.39	1.88		2.75
MW-E	d	Antimony	7440-36-0	mg/L	5/8/2024	0.00100	0.00200		<0.00200
MW-E	d	Arsenic	7440-38-2	mg/L	5/8/2024	0.000530	0.00200		0.00235
MW-E	d	Barium	7440-39-3	mg/L	5/8/2024	0.000660	0.00200		0.521
MW-E	d	Beryllium	7440-41-7	mg/L	5/8/2024	0.000330	0.00100		<0.00100
MW-E	d	Cadmium	7440-43-9	mg/L	5/8/2024	0.000100	0.000200		<0.000200
MW-E	d	Chromium	7440-47-3	mg/L	5/8/2024	0.00120	0.00500		<0.00500
MW-E	d	Cobalt	7440-48-4	mg/L	5/8/2024	0.000170	0.000500		0.000657
MW-E	d	Copper	7440-50-8	mg/L	5/8/2024	0.00180	0.00500		<0.00500

Table 9A
Analytical Data Summary - Phase II MSWLF
2024 Annual Water Quality Report
Phase II MSWLF and CWTS
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-E	d	Lead	7439-92-1	mg/L	5/8/2024	0.000260	0.000500		0.000894
MW-E	d	Nickel	7440-02-0	mg/L	5/8/2024	0.00210	0.00500		<0.00500
MW-E	d	Selenium	7782-49-2	mg/L	5/8/2024	0.00140	0.00500		<0.00500
MW-E	d	Silver	7440-22-4	mg/L	5/8/2024	0.000500	0.00100		<0.00100
MW-E	d	Thallium	7440-28-0	mg/L	5/8/2024	0.000570	0.00100		<0.00100
MW-E	d	Vanadium	7440-62-2	mg/L	5/8/2024	0.00110	0.00500		<0.00500
MW-E	d	Zinc	7440-66-6	mg/L	5/8/2024	0.00970	0.0200		<0.0200
MW-E	d	Acetone	67-64-1	ug/L	5/8/2024	3.10	10.0		<10.0
MW-E	d	Acrylonitrile	107-13-1	ug/L	5/8/2024	2.20	5.00		<5.00
MW-E	d	Benzene	71-43-2	ug/L	5/8/2024	0.220	0.500		<0.500
MW-E	d	Bromochloromethane	74-97-5	ug/L	5/8/2024	0.540	5.00		<5.00
MW-E	d	Bromodichloromethane	75-27-4	ug/L	5/8/2024	0.390	1.00		<1.00
MW-E	d	Bromoform	75-25-2	ug/L	5/8/2024	0.780	5.00		<5.00
MW-E	d	Bromomethane	74-83-9	ug/L	5/8/2024	1.10	4.00		<4.00
MW-E	d	2-Butanone	78-93-3	ug/L	5/8/2024	2.10	10.0		<10.0
MW-E	d	Carbon Disulfide	75-15-0	ug/L	5/8/2024	0.450	1.00		<1.00
MW-E	d	Carbon Tetrachloride	56-23-5	ug/L	5/8/2024	0.650	2.00		<2.00
MW-E	d	Chlorobenzene	108-90-7	ug/L	5/8/2024	0.400	1.00		<1.00
MW-E	d	Chlorodibromomethane	124-48-1	ug/L	5/8/2024	0.750	5.00		<5.00
MW-E	d	Chloroethane	75-00-3	ug/L	5/8/2024	0.790	4.00		<4.00
MW-E	d	Chloroform	67-66-3	ug/L	5/8/2024	1.30	3.00		<3.00
MW-E	d	Chloromethane	74-87-3	ug/L	5/8/2024	0.610	3.00		<3.00
MW-E	d	cis-1,2-Dichloroethene	156-59-2	ug/L	5/8/2024	0.210	1.00		<1.00
MW-E	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	5/8/2024	0.250	5.00		<5.00
MW-E	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	5/8/2024	1.20	5.00		<5.00
MW-E	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	5/8/2024	0.340	1.00		<1.00
MW-E	d	Methylene Bromide	74-95-3	ug/L	5/8/2024	0.330	1.00		<1.00
MW-E	d	1,2-Dichlorobenzene	95-50-1	ug/L	5/8/2024	0.370	1.00		<1.00
MW-E	d	1,4-Dichlorobenzene	106-46-7	ug/L	5/8/2024	0.230	1.00		<1.00
MW-E	d	1,1-Dichloroethane	75-34-3	ug/L	5/8/2024	0.220	1.00		<1.00
MW-E	d	1,2-Dichloroethane	107-06-2	ug/L	5/8/2024	0.390	1.00		<1.00
MW-E	d	1,1-Dichloroethene	75-35-4	ug/L	5/8/2024	0.560	2.00		<2.00
MW-E	d	1,2-Dichloropropane	78-87-5	ug/L	5/8/2024	0.270	1.00		<1.00
MW-E	d	Ethylbenzene	100-41-4	ug/L	5/8/2024	0.310	1.00		<1.00
MW-E	d	2-Hexanone	591-78-6	ug/L	5/8/2024	2.00	10.0		<10.0
MW-E	d	Iodomethane	74-88-4	ug/L	5/8/2024	7.00	10.0		<10.0
MW-E	d	Methylene Chloride	75-09-2	ug/L	5/8/2024	1.70	5.00		<5.00
MW-E	d	4-Methyl-2-Pentanone	108-10-1	ug/L	5/8/2024	2.10	10.0		<10.0
MW-E	d	Styrene	100-42-5	ug/L	5/8/2024	0.370	1.00		<1.00
MW-E	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	5/8/2024	0.380	1.00		<1.00
MW-E	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	5/8/2024	0.470	1.00		<1.00
MW-E	d	Tetrachloroethene	127-18-4	ug/L	5/8/2024	0.480	1.00		<1.00
MW-E	d	Toluene	108-88-3	ug/L	5/8/2024	0.430	1.00		<1.00
MW-E	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	5/8/2024	1.10	10.0		<10.0
MW-E	d	trans-1,2-Dichloroethene	156-60-5	ug/L	5/8/2024	0.270	1.00		<1.00
MW-E	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	5/8/2024	0.560	5.00		<5.00
MW-E	d	1,1,1-Trichloroethane	71-55-6	ug/L	5/8/2024	0.190	1.00		<1.00
MW-E	d	1,1,2-Trichloroethane	79-00-5	ug/L	5/8/2024	0.450	1.00		<1.00
MW-E	d	Trichloroethene	79-01-6	ug/L	5/8/2024	0.430	1.00		<1.00
MW-E	d	Trichlorofluoromethane	75-69-4	ug/L	5/8/2024	0.380	4.00		<4.00
MW-E	d	1,2,3-Trichloropropane	96-18-4	ug/L	5/8/2024	0.590	1.00		<1.00
MW-E	d	Vinyl Acetate	108-05-4	ug/L	5/8/2024	2.50	10.0		<10.0
MW-E	d	Vinyl Chloride	75-01-4	ug/L	5/8/2024	0.180	1.00		<1.00
MW-E	d	Xylenes, total	1330-20-7	ug/L	5/8/2024	0.400	3.00		<3.00
MW-E	d	Total Suspended Solids	TSS	mg/L	5/8/2024	1.39	1.88		23.8
GU-3	d	Antimony	7440-36-0	mg/L	5/8/2024	0.00100	0.00200		<0.00200
GU-3	d	Arsenic	7440-38-2	mg/L	5/8/2024	0.000530	0.00200		0.203
GU-3	d	Barium	7440-39-3	mg/L	5/8/2024	0.000660	0.00200		0.495
GU-3	d	Beryllium	7440-41-7	mg/L	5/8/2024	0.000330	0.00100	J	0.000419
GU-3	d	Cadmium	7440-43-9	mg/L	5/8/2024	0.000100	0.000200		0.000967
GU-3	d	Chromium	7440-47-3	mg/L	5/8/2024	0.00120	0.00500		0.00791
GU-3	d	Cobalt	7440-48-4	mg/L	5/8/2024	0.000170	0.000500		0.00431
GU-3	d	Copper	7440-50-8	mg/L	5/8/2024	0.00180	0.00500	B	0.0057
GU-3	d	Lead	7439-92-1	mg/L	5/8/2024	0.000260	0.000500		0.00102
GU-3	d	Nickel	7440-02-0	mg/L	5/8/2024	0.00210	0.00500		0.0288
GU-3	d	Selenium	7782-49-2	mg/L	5/8/2024	0.00140	0.00500	J	0.00173
GU-3	d	Silver	7440-22-4	mg/L	5/8/2024	0.000500	0.00100		<0.00100
GU-3	d	Thallium	7440-28-0	mg/L	5/8/2024	0.000570	0.00100		<0.00100
GU-3	d	Vanadium	7440-62-2	mg/L	5/8/2024	0.00110	0.00500		0.00766
GU-3	d	Zinc	7440-66-6	mg/L	5/8/2024	0.00970	0.0200		0.105
GU-3	d	Acetone	67-64-1	ug/L	5/8/2024	3.10	10.0		<10.0
GU-3	d	Acrylonitrile	107-13-1	ug/L	5/8/2024	2.20	5.00		<5.00
GU-3	d	Benzene	71-43-2	ug/L	5/8/2024	0.220	0.500		<0.500
GU-3	d	Bromochloromethane	74-97-5	ug/L	5/8/2024	0.540	5.00		<5.00
GU-3	d	Bromodichloromethane	75-27-4	ug/L	5/8/2024	0.390	1.00		<1.00

Table 9A
Analytical Data Summary - Phase II MSWLF
2024 Annual Water Quality Report
Phase II MSWLF and CWTS
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
GU-3	d	Bromoform	75-25-2	ug/L	5/8/2024	0.780	5.00		<5.00
GU-3	d	Bromomethane	74-83-9	ug/L	5/8/2024	1.10	4.00		<4.00
GU-3	d	2-Butanone	78-93-3	ug/L	5/8/2024	2.10	10.0		<10.0
GU-3	d	Carbon Disulfide	75-15-0	ug/L	5/8/2024	0.450	1.00		<1.00
GU-3	d	Carbon Tetrachloride	56-23-5	ug/L	5/8/2024	0.650	2.00		<2.00
GU-3	d	Chlorobenzene	108-90-7	ug/L	5/8/2024	0.400	1.00		<1.00
GU-3	d	Chlorodibromomethane	124-48-1	ug/L	5/8/2024	0.750	5.00		<5.00
GU-3	d	Chloroethane	75-00-3	ug/L	5/8/2024	0.790	4.00		<4.00
GU-3	d	Chloroform	67-66-3	ug/L	5/8/2024	1.30	3.00		<3.00
GU-3	d	Chloromethane	74-87-3	ug/L	5/8/2024	0.610	3.00		<3.00
GU-3	d	cis-1,2-Dichloroethene	156-59-2	ug/L	5/8/2024	0.210	1.00		<1.00
GU-3	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	5/8/2024	0.250	5.00		<5.00
GU-3	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	5/8/2024	1.20	5.00		<5.00
GU-3	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	5/8/2024	0.340	1.00		<1.00
GU-3	d	Methylene Bromide	74-95-3	ug/L	5/8/2024	0.330	1.00		<1.00
GU-3	d	1,2-Dichlorobenzene	95-50-1	ug/L	5/8/2024	0.370	1.00		<1.00
GU-3	d	1,4-Dichlorobenzene	106-46-7	ug/L	5/8/2024	0.230	1.00		<1.00
GU-3	d	1,1-Dichloroethane	75-34-3	ug/L	5/8/2024	0.220	1.00		<1.00
GU-3	d	1,2-Dichloroethane	107-06-2	ug/L	5/8/2024	0.390	1.00		<1.00
GU-3	d	1,1-Dichloroethene	75-35-4	ug/L	5/8/2024	0.560	2.00		<2.00
GU-3	d	1,2-Dichloropropane	78-87-5	ug/L	5/8/2024	0.270	1.00		<1.00
GU-3	d	Ethylbenzene	100-41-4	ug/L	5/8/2024	0.310	1.00		<1.00
GU-3	d	2-Hexanone	591-78-6	ug/L	5/8/2024	2.00	10.0		<10.0
GU-3	d	Iodomethane	74-88-4	ug/L	5/8/2024	7.00	10.0		<10.0
GU-3	d	Methylene Chloride	75-09-2	ug/L	5/8/2024	1.70	5.00		<5.00
GU-3	d	4-Methyl-2-Pentanone	108-10-1	ug/L	5/8/2024	2.10	10.0		<10.0
GU-3	d	Styrene	100-42-5	ug/L	5/8/2024	0.370	1.00		<1.00
GU-3	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	5/8/2024	0.380	1.00		<1.00
GU-3	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	5/8/2024	0.470	1.00		<1.00
GU-3	d	Tetrachloroethene	127-18-4	ug/L	5/8/2024	0.480	1.00		<1.00
GU-3	d	Toluene	108-88-3	ug/L	5/8/2024	0.430	1.00		<1.00
GU-3	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	5/8/2024	1.10	10.0		<10.0
GU-3	d	trans-1,2-Dichloroethene	156-60-5	ug/L	5/8/2024	0.270	1.00		<1.00
GU-3	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	5/8/2024	0.560	5.00		<5.00
GU-3	d	1,1,1-Trichloroethane	71-55-6	ug/L	5/8/2024	0.190	1.00		<1.00
GU-3	d	1,1,2-Trichloroethane	79-00-5	ug/L	5/8/2024	0.450	1.00		<1.00
GU-3	d	Trichloroethene	79-01-6	ug/L	5/8/2024	0.430	1.00		<1.00
GU-3	d	Trichlorofluoromethane	75-69-4	ug/L	5/8/2024	0.380	4.00		<4.00
GU-3	d	1,2,3-Trichloropropane	96-18-4	ug/L	5/8/2024	0.590	1.00		<1.00
GU-3	d	Vinyl Acetate	108-05-4	ug/L	5/8/2024	2.50	10.0		<10.0
GU-3	d	Vinyl Chloride	75-01-4	ug/L	5/8/2024	0.180	1.00		<1.00
GU-3	d	Xylenes, total	1330-20-7	ug/L	5/8/2024	0.400	3.00		<3.00
GU-3	d	Total Suspended Solids	TSS	mg/L	5/8/2024	44.4	60.0		1950
GU-5	d	Antimony	7440-36-0	mg/L	5/8/2024	0.00100	0.00200		<0.00200
GU-5	d	Arsenic	7440-38-2	mg/L	5/8/2024	0.000530	0.00200		0.00205
GU-5	d	Barium	7440-39-3	mg/L	5/8/2024	0.000660	0.00200		0.053
GU-5	d	Beryllium	7440-41-7	mg/L	5/8/2024	0.000330	0.00100		<0.00100
GU-5	d	Cadmium	7440-43-9	mg/L	5/8/2024	0.000100	0.000200		<0.000200
GU-5	d	Chromium	7440-47-3	mg/L	5/8/2024	0.00120	0.00500		<0.00500
GU-5	d	Cobalt	7440-48-4	mg/L	5/8/2024	0.000170	0.000500		0.00428
GU-5	d	Copper	7440-50-8	mg/L	5/8/2024	0.00180	0.00500		<0.00500
GU-5	d	Lead	7439-92-1	mg/L	5/8/2024	0.000260	0.000500	J	0.00037
GU-5	d	Nickel	7440-02-0	mg/L	5/8/2024	0.00210	0.00500		0.00773
GU-5	d	Selenium	7782-49-2	mg/L	5/8/2024	0.00140	0.00500		<0.00500
GU-5	d	Silver	7440-22-4	mg/L	5/8/2024	0.000500	0.00100		<0.00100
GU-5	d	Thallium	7440-28-0	mg/L	5/8/2024	0.000570	0.00100		<0.00100
GU-5	d	Vanadium	7440-62-2	mg/L	5/8/2024	0.00110	0.00500	J	0.0016
GU-5	d	Zinc	7440-66-6	mg/L	5/8/2024	0.00970	0.0200		<0.0200
GU-5	d	Acetone	67-64-1	ug/L	5/8/2024	3.10	10.0		<10.0
GU-5	d	Acrylonitrile	107-13-1	ug/L	5/8/2024	2.20	5.00		<5.00
GU-5	d	Benzene	71-43-2	ug/L	5/8/2024	0.220	0.500		<0.500
GU-5	d	Bromochloromethane	74-97-5	ug/L	5/8/2024	0.540	5.00		<5.00
GU-5	d	Bromodichloromethane	75-27-4	ug/L	5/8/2024	0.390	1.00		<1.00
GU-5	d	Bromoform	75-25-2	ug/L	5/8/2024	0.780	5.00		<5.00
GU-5	d	Bromomethane	74-83-9	ug/L	5/8/2024	1.10	4.00		<4.00
GU-5	d	2-Butanone	78-93-3	ug/L	5/8/2024	2.10	10.0		<10.0
GU-5	d	Carbon Disulfide	75-15-0	ug/L	5/8/2024	0.450	1.00		<1.00
GU-5	d	Carbon Tetrachloride	56-23-5	ug/L	5/8/2024	0.650	2.00		<2.00
GU-5	d	Chlorobenzene	108-90-7	ug/L	5/8/2024	0.400	1.00		<1.00
GU-5	d	Chlorodibromomethane	124-48-1	ug/L	5/8/2024	0.750	5.00		<5.00
GU-5	d	Chloroethane	75-00-3	ug/L	5/8/2024	0.790	4.00		<4.00
GU-5	d	Chloroform	67-66-3	ug/L	5/8/2024	1.30	3.00		<3.00
GU-5	d	Chloromethane	74-87-3	ug/L	5/8/2024	0.610	3.00		<3.00
GU-5	d	cis-1,2-Dichloroethene	156-59-2	ug/L	5/8/2024	0.210	1.00		<1.00
GU-5	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	5/8/2024	0.250	5.00		<5.00

Table 9A
Analytical Data Summary - Phase II MSWLF
2024 Annual Water Quality Report
Phase II MSWLF and CWTS
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
GU-5	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	5/8/2024	1.20	5.00		<5.00
GU-5	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	5/8/2024	0.340	1.00		<1.00
GU-5	d	Methylene Bromide	74-95-3	ug/L	5/8/2024	0.330	1.00		<1.00
GU-5	d	1,2-Dichlorobenzene	95-50-1	ug/L	5/8/2024	0.370	1.00		<1.00
GU-5	d	1,4-Dichlorobenzene	106-46-7	ug/L	5/8/2024	0.230	1.00		<1.00
GU-5	d	1,1-Dichloroethane	75-34-3	ug/L	5/8/2024	0.220	1.00		<1.00
GU-5	d	1,2-Dichloroethane	107-06-2	ug/L	5/8/2024	0.390	1.00		<1.00
GU-5	d	1,1-Dichloroethene	75-35-4	ug/L	5/8/2024	0.560	2.00		<2.00
GU-5	d	1,2-Dichloropropane	78-87-5	ug/L	5/8/2024	0.270	1.00		<1.00
GU-5	d	Ethylbenzene	100-41-4	ug/L	5/8/2024	0.310	1.00		<1.00
GU-5	d	2-Hexanone	591-78-6	ug/L	5/8/2024	2.00	10.0		<10.0
GU-5	d	Iodomethane	74-88-4	ug/L	5/8/2024	7.00	10.0		<10.0
GU-5	d	Methylene Chloride	75-09-2	ug/L	5/8/2024	1.70	5.00		<5.00
GU-5	d	4-Methyl-2-Pentanone	108-10-1	ug/L	5/8/2024	2.10	10.0		<10.0
GU-5	d	Styrene	100-42-5	ug/L	5/8/2024	0.370	1.00		<1.00
GU-5	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	5/8/2024	0.380	1.00		<1.00
GU-5	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	5/8/2024	0.470	1.00		<1.00
GU-5	d	Tetrachloroethene	127-18-4	ug/L	5/8/2024	0.480	1.00		<1.00
GU-5	d	Toluene	108-88-3	ug/L	5/8/2024	0.430	1.00		<1.00
GU-5	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	5/8/2024	1.10	10.0		<10.0
GU-5	d	trans-1,2-Dichloroethene	156-60-5	ug/L	5/8/2024	0.270	1.00		<1.00
GU-5	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	5/8/2024	0.560	5.00		<5.00
GU-5	d	1,1,1-Trichloroethane	71-55-6	ug/L	5/8/2024	0.190	1.00		<1.00
GU-5	d	1,1,2-Trichloroethane	79-00-5	ug/L	5/8/2024	0.450	1.00		<1.00
GU-5	d	Trichloroethene	79-01-6	ug/L	5/8/2024	0.430	1.00		<1.00
GU-5	d	Trichlorofluoromethane	75-69-4	ug/L	5/8/2024	0.380	4.00		<4.00
GU-5	d	1,2,3-Trichloropropane	96-18-4	ug/L	5/8/2024	0.590	1.00		<1.00
GU-5	d	Vinyl Acetate	108-05-4	ug/L	5/8/2024	2.50	10.0		<10.0
GU-5	d	Vinyl Chloride	75-01-4	ug/L	5/8/2024	0.180	1.00		<1.00
GU-5	d	Xylenes, total	1330-20-7	ug/L	5/8/2024	0.400	3.00		<3.00
GU-5	d	Total Suspended Solids	TSS	mg/L	5/8/2024	3.70	5.00		48
MW-E	d	Antimony	7440-36-0	mg/L	7/10/2024	0.00100	0.00200		<0.00200
MW-E	d	Arsenic	7440-38-2	mg/L	7/10/2024	0.000530	0.00200	J	0.00162
MW-E	d	Barium	7440-39-3	mg/L	7/10/2024	0.000660	0.00200		0.530
MW-E	d	Beryllium	7440-41-7	mg/L	7/10/2024	0.000330	0.00100		<0.00100
MW-E	d	Cadmium	7440-43-9	mg/L	7/10/2024	0.000100	0.000200		<0.000200
MW-E	d	Chromium	7440-47-3	mg/L	7/10/2024	0.00120	0.00500		<0.00500
MW-E	d	Cobalt	7440-48-4	mg/L	7/10/2024	0.000170	0.000500		0.000677
MW-E	d	Copper	7440-50-8	mg/L	7/10/2024	0.00180	0.00500		<0.00500
MW-E	d	Lead	7439-92-1	mg/L	7/10/2024	0.000260	0.000500		<0.000500
MW-E	d	Nickel	7440-02-0	mg/L	7/10/2024	0.00210	0.00500		<0.00500
MW-E	d	Selenium	7782-49-2	mg/L	7/10/2024	0.00140	0.00500		<0.00500
MW-E	d	Silver	7440-22-4	mg/L	7/10/2024	0.000500	0.00100		<0.00100
MW-E	d	Thallium	7440-28-0	mg/L	7/10/2024	0.000570	0.00100		<0.00100
MW-E	d	Vanadium	7440-62-2	mg/L	7/10/2024	0.00110	0.00500		<0.00500
MW-E	d	Zinc	7440-66-6	mg/L	7/10/2024	0.00970	0.0200		<0.0200
MW-E	d	Acetone	67-64-1	ug/L	7/10/2024	3.10	10.0		<10.0
MW-E	d	Acrylonitrile	107-13-1	ug/L	7/10/2024	2.20	5.00		<5.00
MW-E	d	Benzene	71-43-2	ug/L	7/10/2024	0.220	0.500		<0.500
MW-E	d	Bromochloromethane	74-97-5	ug/L	7/10/2024	0.540	5.00		<5.00
MW-E	d	Bromodichloromethane	75-27-4	ug/L	7/10/2024	0.390	1.00		<1.00
MW-E	d	Bromoform	75-25-2	ug/L	7/10/2024	0.780	5.00		<5.00
MW-E	d	Bromomethane	74-83-9	ug/L	7/10/2024	1.10	4.00		<4.00
MW-E	d	2-Butanone	78-93-3	ug/L	7/10/2024	2.10	10.0		<10.0
MW-E	d	Carbon Disulfide	75-15-0	ug/L	7/10/2024	0.450	1.00		<1.00
MW-E	d	Carbon Tetrachloride	56-23-5	ug/L	7/10/2024	0.650	2.00		<2.00
MW-E	d	Chlorobenzene	108-90-7	ug/L	7/10/2024	0.400	1.00		<1.00
MW-E	d	Chlorodibromomethane	124-48-1	ug/L	7/10/2024	0.750	5.00		<5.00
MW-E	d	Chloroethane	75-00-3	ug/L	7/10/2024	0.790	4.00		<4.00
MW-E	d	Chloroform	67-66-3	ug/L	7/10/2024	1.30	3.00		<3.00
MW-E	d	Chloromethane	74-87-3	ug/L	7/10/2024	0.610	3.00		<3.00
MW-E	d	cis-1,2-Dichloroethene	156-59-2	ug/L	7/10/2024	0.210	1.00		<1.00
MW-E	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	7/10/2024	0.250	5.00		<5.00
MW-E	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	7/10/2024	1.20	5.00		<5.00
MW-E	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	7/10/2024	0.340	1.00		<1.00
MW-E	d	Methylene Bromide	74-95-3	ug/L	7/10/2024	0.330	1.00		<1.00
MW-E	d	1,2-Dichlorobenzene	95-50-1	ug/L	7/10/2024	0.370	1.00		<1.00
MW-E	d	1,4-Dichlorobenzene	106-46-7	ug/L	7/10/2024	0.230	1.00		<1.00
MW-E	d	1,1-Dichloroethane	75-34-3	ug/L	7/10/2024	0.220	1.00		<1.00
MW-E	d	1,2-Dichloroethane	107-06-2	ug/L	7/10/2024	0.390	1.00		<1.00
MW-E	d	1,1-Dichloroethene	75-35-4	ug/L	7/10/2024	0.560	2.00		<2.00
MW-E	d	1,2-Dichloropropane	78-87-5	ug/L	7/10/2024	0.270	1.00		<1.00
MW-E	d	Ethylbenzene	100-41-4	ug/L	7/10/2024	0.310	1.00		<1.00
MW-E	d	2-Hexanone	591-78-6	ug/L	7/10/2024	2.00	10.0		<10.0
MW-E	d	Iodomethane	74-88-4	ug/L	7/10/2024	7.00	10.0		<10.0

Table 9A
Analytical Data Summary - Phase II MSWLF
2024 Annual Water Quality Report
Phase II MSWLF and CWTS
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-E	d	Methylene Chloride	75-09-2	ug/L	7/10/2024	1.70	5.00		<5.00
MW-E	d	4-Methyl-2-Pentanone	108-10-1	ug/L	7/10/2024	2.10	10.0		<10.0
MW-E	d	Styrene	100-42-5	ug/L	7/10/2024	0.370	1.00		<1.00
MW-E	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	7/10/2024	0.380	1.00		<1.00
MW-E	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	7/10/2024	0.470	1.00		<1.00
MW-E	d	Tetrachloroethene	127-18-4	ug/L	7/10/2024	0.480	1.00		<1.00
MW-E	d	Toluene	108-88-3	ug/L	7/10/2024	0.430	1.00		<1.00
MW-E	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	7/10/2024	1.10	10.0		<10.0
MW-E	d	trans-1,2-Dichloroethene	156-60-5	ug/L	7/10/2024	0.270	1.00		<1.00
MW-E	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	7/10/2024	0.560	5.00		<5.00
MW-E	d	1,1,1-Trichloroethane	71-55-6	ug/L	7/10/2024	0.190	1.00		<1.00
MW-E	d	1,1,2-Trichloroethane	79-00-5	ug/L	7/10/2024	0.450	1.00		<1.00
MW-E	d	Trichloroethene	79-01-6	ug/L	7/10/2024	0.430	1.00		<1.00
MW-E	d	Trichlorofluoromethane	75-69-4	ug/L	7/10/2024	0.380	4.00		<4.00
MW-E	d	1,2,3-Trichloropropane	96-18-4	ug/L	7/10/2024	0.590	1.00		<1.00
MW-E	d	Vinyl Acetate	108-05-4	ug/L	7/10/2024	2.50	10.0		<10.0
MW-E	d	Vinyl Chloride	75-01-4	ug/L	7/10/2024	0.180	1.00		<1.00
MW-E	d	Xylenes, total	1330-20-7	ug/L	7/10/2024	0.400	3.00		<3.00
MW-E	d	Total Suspended Solids	TSS	mg/L	7/10/2024	3.70	5.00		<5.00
GU-3	d	Arsenic	7440-38-2	mg/L	8/13/2024	0.000530	0.00200	J	0.00138
GU-3	d	Total Suspended Solids	TSS	mg/L	8/13/2024	1.39	1.88	0	2.13
MW-26	d	Antimony	7440-36-0	mg/L	10/10/2024	0.001	0.002		<0.00200
MW-26	d	Arsenic	7440-38-2	mg/L	10/10/2024	0.00053	0.002		<0.00200
MW-26	d	Barium	7440-39-3	mg/L	10/10/2024	0.00066	0.002		0.0703
MW-26	d	Beryllium	7440-41-7	mg/L	10/10/2024	0.00033	0.001		<0.00100
MW-26	d	Cadmium	7440-43-9	mg/L	10/10/2024	0.0001	0.0002	J	0.000175
MW-26	d	Chromium	7440-47-3	mg/L	10/10/2024	0.0012	0.005		<0.00500
MW-26	d	Cobalt	7440-48-4	mg/L	10/10/2024	0.00017	0.0005	J	0.000189
MW-26	d	Copper	7440-50-8	mg/L	10/10/2024	0.0018	0.005		0.00576
MW-26	d	Lead	7439-92-1	mg/L	10/10/2024	0.00026	0.0005		<0.000500
MW-26	d	Nickel	7440-02-0	mg/L	10/10/2024	0.0021	0.005	J	0.00345
MW-26	d	Selenium	7782-49-2	mg/L	10/10/2024	0.0014	0.005	J	0.00163
MW-26	d	Silver	7440-22-4	mg/L	10/10/2024	0.0005	0.001		<0.00100
MW-26	d	Thallium	7440-28-0	mg/L	10/10/2024	0.00057	0.001		<0.00100
MW-26	d	Vanadium	7440-62-2	mg/L	10/10/2024	0.0011	0.005	J	0.00139
MW-26	d	Zinc	7440-66-6	mg/L	10/10/2024	0.0097	0.02		<0.0200
MW-26	d	Acetone	67-64-1	ug/L	10/10/2024	3.1	10		<10.0
MW-26	d	Acrylonitrile	107-13-1	ug/L	10/10/2024	2.2	5		<5.00
MW-26	d	Benzene	71-43-2	ug/L	10/10/2024	0.22	0.5		<0.500
MW-26	d	Bromochloromethane	74-97-5	ug/L	10/10/2024	0.54	5		<5.00
MW-26	d	Bromodichloromethane	75-27-4	ug/L	10/10/2024	0.39	1		<1.00
MW-26	d	Bromoform	75-25-2	ug/L	10/10/2024	0.78	5		<5.00
MW-26	d	Bromomethane	74-83-9	ug/L	10/10/2024	1.1	4		<4.00
MW-26	d	2-Butanone	78-93-3	ug/L	10/10/2024	2.1	10		<10.0
MW-26	d	Carbon Disulfide	75-15-0	ug/L	10/10/2024	0.45	1		<1.00
MW-26	d	Carbon Tetrachloride	56-23-5	ug/L	10/10/2024	0.65	2		<2.00
MW-26	d	Chlorobenzene	108-90-7	ug/L	10/10/2024	0.4	1		<1.00
MW-26	d	Chlorodibromomethane	124-48-1	ug/L	10/10/2024	0.75	5		<5.00
MW-26	d	Chloroethane	75-00-3	ug/L	10/10/2024	0.79	4		<4.00
MW-26	d	Chloroform	67-66-3	ug/L	10/10/2024	1.3	3		<3.00
MW-26	d	Chloromethane	74-87-3	ug/L	10/10/2024	0.61	3		<3.00
MW-26	d	cis-1,2-Dichloroethene	156-59-2	ug/L	10/10/2024	0.21	1		<1.00
MW-26	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	10/10/2024	0.25	5		<5.00
MW-26	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	10/10/2024	1.2	5		<5.00
MW-26	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	10/10/2024	0.34	1		<1.00
MW-26	d	Methylene Bromide	74-95-3	ug/L	10/10/2024	0.33	1		<1.00
MW-26	d	1,2-Dichlorobenzene	95-50-1	ug/L	10/10/2024	0.37	1		<1.00
MW-26	d	1,4-Dichlorobenzene	106-46-7	ug/L	10/10/2024	0.23	1		<1.00
MW-26	d	1,1-Dichloroethane	75-34-3	ug/L	10/10/2024	0.22	1		<1.00
MW-26	d	1,2-Dichloroethane	107-06-2	ug/L	10/10/2024	0.39	1		<1.00
MW-26	d	1,1-Dichloroethene	75-35-4	ug/L	10/10/2024	0.56	2		<2.00
MW-26	d	1,2-Dichloropropane	78-87-5	ug/L	10/10/2024	0.27	1		<1.00
MW-26	d	Ethylbenzene	100-41-4	ug/L	10/10/2024	0.31	1		<1.00
MW-26	d	2-Hexanone	591-78-6	ug/L	10/10/2024	2	10		<10.0
MW-26	d	Iodomethane	74-88-4	ug/L	10/10/2024	7	10		<10.0
MW-26	d	Methylene Chloride	75-09-2	ug/L	10/10/2024	1.7	5		<5.00
MW-26	d	4-Methyl-2-Pentanone	108-10-1	ug/L	10/10/2024	2.1	10		<10.0
MW-26	d	Styrene	100-42-5	ug/L	10/10/2024	0.37	1		<1.00
MW-26	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	10/10/2024	0.38	1		<1.00
MW-26	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	10/10/2024	0.47	1		<1.00
MW-26	d	Tetrachloroethene	127-18-4	ug/L	10/10/2024	0.48	1		<1.00
MW-26	d	Toluene	108-88-3	ug/L	10/10/2024	0.43	1		<1.00
MW-26	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	10/10/2024	1.1	10		<10.0
MW-26	d	trans-1,2-Dichloroethene	156-60-5	ug/L	10/10/2024	0.27	1		<1.00
MW-26	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	10/10/2024	0.56	5		<5.00

Table 9A
Analytical Data Summary - Phase II MSWLF
2024 Annual Water Quality Report
Phase II MSWLF and CWTS
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-26	d	1,1,1-Trichloroethane	71-55-6	ug/L	10/10/2024	0.19	1		<1.00
MW-26	d	1,1,2-Trichloroethane	79-00-5	ug/L	10/10/2024	0.45	1		<1.00
MW-26	d	Trichloroethene	79-01-6	ug/L	10/10/2024	0.43	1		<1.00
MW-26	d	Trichlorofluoromethane	75-69-4	ug/L	10/10/2024	0.38	4		<4.00
MW-26	d	1,2,3-Trichloropropane	96-18-4	ug/L	10/10/2024	0.59	1		<1.00
MW-26	d	Vinyl Acetate	108-05-4	ug/L	10/10/2024	2.5	10		<10.0
MW-26	d	Vinyl Chloride	75-01-4	ug/L	10/10/2024	0.18	1		<1.00
MW-26	d	Xylenes, total	1330-20-7	ug/L	10/10/2024	0.4	3		<3.00
MW-26	d	Total Suspended Solids	TSS	mg/L	10/10/2024	1.39	1.88		<1.88
GU-4	d	Antimony	7440-36-0	mg/L	10/10/2024	0.001	0.002		<0.00200
GU-4	d	Arsenic	7440-38-2	mg/L	10/10/2024	0.00053	0.002	J	0.00102
GU-4	d	Barium	7440-39-3	mg/L	10/10/2024	0.00066	0.002		0.0745
GU-4	d	Beryllium	7440-41-7	mg/L	10/10/2024	0.00033	0.001		<0.00100
GU-4	d	Cadmium	7440-43-9	mg/L	10/10/2024	0.0001	0.0002		<0.000200
GU-4	d	Chromium	7440-47-3	mg/L	10/10/2024	0.0012	0.005		<0.00500
GU-4	d	Cobalt	7440-48-4	mg/L	10/10/2024	0.00017	0.0005		0.00525
GU-4	d	Copper	7440-50-8	mg/L	10/10/2024	0.0018	0.005		<0.00500
GU-4	d	Lead	7439-92-1	mg/L	10/10/2024	0.00026	0.0005		<0.000500
GU-4	d	Nickel	7440-02-0	mg/L	10/10/2024	0.0021	0.005		0.0106
GU-4	d	Selenium	7782-49-2	mg/L	10/10/2024	0.0014	0.005		<0.00500
GU-4	d	Silver	7440-22-4	mg/L	10/10/2024	0.0005	0.001		<0.00100
GU-4	d	Thallium	7440-28-0	mg/L	10/10/2024	0.00057	0.001		<0.00100
GU-4	d	Vanadium	7440-62-2	mg/L	10/10/2024	0.0011	0.005		<0.00500
GU-4	d	Zinc	7440-66-6	mg/L	10/10/2024	0.0097	0.02		<0.0200
GU-4	d	Acetone	67-64-1	ug/L	10/10/2024	3.1	10		<10.0
GU-4	d	Acrylonitrile	107-13-1	ug/L	10/10/2024	2.2	5		<5.00
GU-4	d	Benzene	71-43-2	ug/L	10/10/2024	0.22	0.5		<0.500
GU-4	d	Bromochloromethane	74-97-5	ug/L	10/10/2024	0.54	5		<5.00
GU-4	d	Bromodichloromethane	75-27-4	ug/L	10/10/2024	0.39	1		<1.00
GU-4	d	Bromoform	75-25-2	ug/L	10/10/2024	0.78	5		<5.00
GU-4	d	Bromomethane	74-83-9	ug/L	10/10/2024	1.1	4		<4.00
GU-4	d	2-Butanone	78-93-3	ug/L	10/10/2024	2.1	10		<10.0
GU-4	d	Carbon Disulfide	75-15-0	ug/L	10/10/2024	0.45	1		<1.00
GU-4	d	Carbon Tetrachloride	56-23-5	ug/L	10/10/2024	0.65	2		<2.00
GU-4	d	Chlorobenzene	108-90-7	ug/L	10/10/2024	0.4	1		<1.00
GU-4	d	Chlorodibromomethane	124-48-1	ug/L	10/10/2024	0.75	5		<5.00
GU-4	d	Chloroethane	75-00-3	ug/L	10/10/2024	0.79	4		<4.00
GU-4	d	Chloroform	67-66-3	ug/L	10/10/2024	1.3	3		<3.00
GU-4	d	Chloromethane	74-87-3	ug/L	10/10/2024	0.61	3		<3.00
GU-4	d	cis-1,2-Dichloroethene	156-59-2	ug/L	10/10/2024	0.21	1		<1.00
GU-4	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	10/10/2024	0.25	5		<5.00
GU-4	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	10/10/2024	1.2	5		<5.00
GU-4	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	10/10/2024	0.34	1		<1.00
GU-4	d	Methylene Bromide	74-95-3	ug/L	10/10/2024	0.33	1		<1.00
GU-4	d	1,2-Dichlorobenzene	95-50-1	ug/L	10/10/2024	0.37	1		<1.00
GU-4	d	1,4-Dichlorobenzene	106-46-7	ug/L	10/10/2024	0.23	1		<1.00
GU-4	d	1,1-Dichloroethane	75-34-3	ug/L	10/10/2024	0.22	1		<1.00
GU-4	d	1,2-Dichloroethane	107-06-2	ug/L	10/10/2024	0.39	1		<1.00
GU-4	d	1,1-Dichloroethene	75-35-4	ug/L	10/10/2024	0.56	2		<2.00
GU-4	d	1,2-Dichloropropane	78-87-5	ug/L	10/10/2024	0.27	1		<1.00
GU-4	d	Ethylbenzene	100-41-4	ug/L	10/10/2024	0.31	1		<1.00
GU-4	d	2-Hexanone	591-78-6	ug/L	10/10/2024	2	10		<10.0
GU-4	d	Iodomethane	74-88-4	ug/L	10/10/2024	7	10		<10.0
GU-4	d	Methylene Chloride	75-09-2	ug/L	10/10/2024	1.7	5		<5.00
GU-4	d	4-Methyl-2-Pentanone	108-10-1	ug/L	10/10/2024	2.1	10		<10.0
GU-4	d	Styrene	100-42-5	ug/L	10/10/2024	0.37	1		<1.00
GU-4	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	10/10/2024	0.38	1		<1.00
GU-4	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	10/10/2024	0.47	1		<1.00
GU-4	d	Tetrachloroethene	127-18-4	ug/L	10/10/2024	0.48	1		<1.00
GU-4	d	Toluene	108-88-3	ug/L	10/10/2024	0.43	1		<1.00
GU-4	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	10/10/2024	1.1	10		<10.0
GU-4	d	trans-1,2-Dichloroethene	156-60-5	ug/L	10/10/2024	0.27	1		<1.00
GU-4	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	10/10/2024	0.56	5		<5.00
GU-4	d	1,1,1-Trichloroethane	71-55-6	ug/L	10/10/2024	0.19	1		<1.00
GU-4	d	1,1,2-Trichloroethane	79-00-5	ug/L	10/10/2024	0.45	1		<1.00
GU-4	d	Trichloroethene	79-01-6	ug/L	10/10/2024	0.43	1		<1.00
GU-4	d	Trichlorofluoromethane	75-69-4	ug/L	10/10/2024	0.38	4		<4.00
GU-4	d	1,2,3-Trichloropropane	96-18-4	ug/L	10/10/2024	0.59	1		<1.00
GU-4	d	Vinyl Acetate	108-05-4	ug/L	10/10/2024	2.5	10		<10.0
GU-4	d	Vinyl Chloride	75-01-4	ug/L	10/10/2024	0.18	1		<1.00
GU-4	d	Xylenes, total	1330-20-7	ug/L	10/10/2024	0.4	3		<3.00
GU-4	d	Total Suspended Solids	TSS	mg/L	10/10/2024	1.39	1.88		<1.88
GU-5	d	Antimony	7440-36-0	mg/L	10/10/2024	0.001	0.002		<0.00200
GU-5	d	Arsenic	7440-38-2	mg/L	10/10/2024	0.00053	0.002		0.00767
GU-5	d	Barium	7440-39-3	mg/L	10/10/2024	0.00066	0.002		0.0579

Table 9A
Analytical Data Summary - Phase II MSWLF
2024 Annual Water Quality Report
Phase II MSWLF and CWTS
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
GU-5	d	Beryllium	7440-41-7	mg/L	10/10/2024	0.00033	0.001		<0.00100
GU-5	d	Cadmium	7440-43-9	mg/L	10/10/2024	0.0001	0.0002		<0.000200
GU-5	d	Chromium	7440-47-3	mg/L	10/10/2024	0.0012	0.005		<0.00500
GU-5	d	Cobalt	7440-48-4	mg/L	10/10/2024	0.00017	0.0005		0.00526
GU-5	d	Copper	7440-50-8	mg/L	10/10/2024	0.0018	0.005		<0.00500
GU-5	d	Lead	7439-92-1	mg/L	10/10/2024	0.00026	0.0005		<0.000500
GU-5	d	Nickel	7440-02-0	mg/L	10/10/2024	0.0084	0.02		<0.0200
GU-5	d	Selenium	7782-49-2	mg/L	10/10/2024	0.0014	0.005		<0.00500
GU-5	d	Silver	7440-22-4	mg/L	10/10/2024	0.0005	0.001		<0.00100
GU-5	d	Thallium	7440-28-0	mg/L	10/10/2024	0.00228	0.004		<0.00400
GU-5	d	Vanadium	7440-62-2	mg/L	10/10/2024	0.0011	0.005		<0.00500
GU-5	d	Zinc	7440-66-6	mg/L	10/10/2024	0.0097	0.02		<0.0200
GU-5	d	Acetone	67-64-1	ug/L	10/10/2024	3.1	10		<10.0
GU-5	d	Acrylonitrile	107-13-1	ug/L	10/10/2024	2.2	5		<5.00
GU-5	d	Benzene	71-43-2	ug/L	10/10/2024	0.22	0.5		<0.500
GU-5	d	Bromochloromethane	74-97-5	ug/L	10/10/2024	0.54	5		<5.00
GU-5	d	Bromodichloromethane	75-27-4	ug/L	10/10/2024	0.39	1		<1.00
GU-5	d	Bromoform	75-25-2	ug/L	10/10/2024	0.78	5		<5.00
GU-5	d	Bromomethane	74-83-9	ug/L	10/10/2024	1.1	4		<4.00
GU-5	d	2-Butanone	78-93-3	ug/L	10/10/2024	2.1	10		<10.0
GU-5	d	Carbon Disulfide	75-15-0	ug/L	10/10/2024	0.45	1		<1.00
GU-5	d	Carbon Tetrachloride	56-23-5	ug/L	10/10/2024	0.65	2		<2.00
GU-5	d	Chlorobenzene	108-90-7	ug/L	10/10/2024	0.4	1		<1.00
GU-5	d	Chlorodibromomethane	124-48-1	ug/L	10/10/2024	0.75	5		<5.00
GU-5	d	Chloroethane	75-00-3	ug/L	10/10/2024	0.79	4		<4.00
GU-5	d	Chloroform	67-66-3	ug/L	10/10/2024	1.3	3		<3.00
GU-5	d	Chloromethane	74-87-3	ug/L	10/10/2024	0.61	3		<3.00
GU-5	d	cis-1,2-Dichloroethene	156-59-2	ug/L	10/10/2024	0.21	1		<1.00
GU-5	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	10/10/2024	0.25	5		<5.00
GU-5	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	10/10/2024	1.2	5		<5.00
GU-5	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	10/10/2024	0.34	1		<1.00
GU-5	d	Methylene Bromide	74-95-3	ug/L	10/10/2024	0.33	1		<1.00
GU-5	d	1,2-Dichlorobenzene	95-50-1	ug/L	10/10/2024	0.37	1		<1.00
GU-5	d	1,4-Dichlorobenzene	106-46-7	ug/L	10/10/2024	0.23	1		<1.00
GU-5	d	1,1-Dichloroethane	75-34-3	ug/L	10/10/2024	0.22	1		<1.00
GU-5	d	1,2-Dichloroethane	107-06-2	ug/L	10/10/2024	0.39	1		<1.00
GU-5	d	1,1-Dichloroethene	75-35-4	ug/L	10/10/2024	0.56	2		<2.00
GU-5	d	1,2-Dichloropropane	78-87-5	ug/L	10/10/2024	0.27	1		<1.00
GU-5	d	Ethylbenzene	100-41-4	ug/L	10/10/2024	0.31	1		<1.00
GU-5	d	2-Hexanone	591-78-6	ug/L	10/10/2024	2	10		<10.0
GU-5	d	Iodomethane	74-88-4	ug/L	10/10/2024	7	10		<10.0
GU-5	d	Methylene Chloride	75-09-2	ug/L	10/10/2024	1.7	5		<5.00
GU-5	d	4-Methyl-2-Pentanone	108-10-1	ug/L	10/10/2024	2.1	10		<10.0
GU-5	d	Styrene	100-42-5	ug/L	10/10/2024	0.37	1		<1.00
GU-5	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	10/10/2024	0.38	1		<1.00
GU-5	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	10/10/2024	0.47	1		<1.00
GU-5	d	Tetrachloroethene	127-18-4	ug/L	10/10/2024	0.48	1		<1.00
GU-5	d	Toluene	108-88-3	ug/L	10/10/2024	0.43	1		<1.00
GU-5	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	10/10/2024	1.1	10		<10.0
GU-5	d	trans-1,2-Dichloroethene	156-60-5	ug/L	10/10/2024	0.27	1		<1.00
GU-5	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	10/10/2024	0.56	5		<5.00
GU-5	d	1,1,1-Trichloroethane	71-55-6	ug/L	10/10/2024	0.19	1		<1.00
GU-5	d	1,1,2-Trichloroethane	79-00-5	ug/L	10/10/2024	0.45	1		<1.00
GU-5	d	Trichloroethene	79-01-6	ug/L	10/10/2024	0.43	1		<1.00
GU-5	d	Trichlorofluoromethane	75-69-4	ug/L	10/10/2024	0.38	4		<4.00
GU-5	d	1,2,3-Trichloropropane	96-18-4	ug/L	10/10/2024	0.59	1		<1.00
GU-5	d	Vinyl Acetate	108-05-4	ug/L	10/10/2024	2.5	10		<10.0
GU-5	d	Vinyl Chloride	75-01-4	ug/L	10/10/2024	0.18	1		<1.00
GU-5	d	Xylenes, total	1330-20-7	ug/L	10/10/2024	0.4	3		<3.00
GU-5	d	Total Suspended Solids	TSS	mg/L	10/10/2024	5.55	7.5		40.5
MW-67	d	Antimony	7440-36-0	mg/L	10/10/2024	0.001	0.002		<0.00200
MW-67	d	Arsenic	7440-38-2	mg/L	10/10/2024	0.00053	0.002		<0.00200
MW-67	d	Barium	7440-39-3	mg/L	10/10/2024	0.00066	0.002		0.0340
MW-67	d	Beryllium	7440-41-7	mg/L	10/10/2024	0.00033	0.001		<0.00100
MW-67	d	Cadmium	7440-43-9	mg/L	10/10/2024	0.0001	0.0002		<0.000200
MW-67	d	Chromium	7440-47-3	mg/L	10/10/2024	0.0012	0.005		<0.00500
MW-67	d	Cobalt	7440-48-4	mg/L	10/10/2024	0.00017	0.0005		0.000745
MW-67	d	Copper	7440-50-8	mg/L	10/10/2024	0.0018	0.005		<0.00500
MW-67	d	Lead	7439-92-1	mg/L	10/10/2024	0.00026	0.0005		<0.000500
MW-67	d	Nickel	7440-02-0	mg/L	10/10/2024	0.0021	0.005		0.00789
MW-67	d	Selenium	7782-49-2	mg/L	10/10/2024	0.0014	0.005		<0.00500
MW-67	d	Silver	7440-22-4	mg/L	10/10/2024	0.0005	0.001		<0.00100
MW-67	d	Thallium	7440-28-0	mg/L	10/10/2024	0.00057	0.001		<0.00100
MW-67	d	Vanadium	7440-62-2	mg/L	10/10/2024	0.0011	0.005		<0.00500
MW-67	d	Zinc	7440-66-6	mg/L	10/10/2024	0.0097	0.02		<0.0200

Table 9A
Analytical Data Summary - Phase II MSWLF
2024 Annual Water Quality Report
Phase II MSWLF and CWTS
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-67	d	Acetone	67-64-1	ug/L	10/10/2024	3.1	10		<10.0
MW-67	d	Acrylonitrile	107-13-1	ug/L	10/10/2024	2.2	5		<5.00
MW-67	d	Benzene	71-43-2	ug/L	10/10/2024	0.22	0.5		<0.500
MW-67	d	Bromochloromethane	74-97-5	ug/L	10/10/2024	0.54	5		<5.00
MW-67	d	Bromodichloromethane	75-27-4	ug/L	10/10/2024	0.39	1		<1.00
MW-67	d	Bromoform	75-25-2	ug/L	10/10/2024	0.78	5		<5.00
MW-67	d	Bromomethane	74-83-9	ug/L	10/10/2024	1.1	4		<4.00
MW-67	d	2-Butanone	78-93-3	ug/L	10/10/2024	2.1	10		<10.0
MW-67	d	Carbon Disulfide	75-15-0	ug/L	10/10/2024	0.45	1		<1.00
MW-67	d	Carbon Tetrachloride	56-23-5	ug/L	10/10/2024	0.65	2		<2.00
MW-67	d	Chlorobenzene	108-90-7	ug/L	10/10/2024	0.4	1		<1.00
MW-67	d	Chlorodibromomethane	124-48-1	ug/L	10/10/2024	0.75	5		<5.00
MW-67	d	Chloroethane	75-00-3	ug/L	10/10/2024	0.79	4		<4.00
MW-67	d	Chloroform	67-66-3	ug/L	10/10/2024	1.3	3		<3.00
MW-67	d	Chloromethane	74-87-3	ug/L	10/10/2024	0.61	3		<3.00
MW-67	d	cis-1,2-Dichloroethene	156-59-2	ug/L	10/10/2024	0.21	1		<1.00
MW-67	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	10/10/2024	0.25	5		<5.00
MW-67	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	10/10/2024	1.2	5		<5.00
MW-67	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	10/10/2024	0.34	1		<1.00
MW-67	d	Methylene Bromide	74-95-3	ug/L	10/10/2024	0.33	1		<1.00
MW-67	d	1,2-Dichlorobenzene	95-50-1	ug/L	10/10/2024	0.37	1		<1.00
MW-67	d	1,4-Dichlorobenzene	106-46-7	ug/L	10/10/2024	0.23	1		<1.00
MW-67	d	1,1-Dichloroethane	75-34-3	ug/L	10/10/2024	0.22	1		<1.00
MW-67	d	1,2-Dichloroethane	107-06-2	ug/L	10/10/2024	0.39	1		<1.00
MW-67	d	1,1-Dichloroethene	75-35-4	ug/L	10/10/2024	0.56	2		<2.00
MW-67	d	1,2-Dichloropropane	78-87-5	ug/L	10/10/2024	0.27	1		<1.00
MW-67	d	Ethylbenzene	100-41-4	ug/L	10/10/2024	0.31	1		<1.00
MW-67	d	2-Hexanone	591-78-6	ug/L	10/10/2024	2	10		<10.0
MW-67	d	Iodomethane	74-88-4	ug/L	10/10/2024	7	10		<10.0
MW-67	d	Methylene Chloride	75-09-2	ug/L	10/10/2024	1.7	5		<5.00
MW-67	d	4-Methyl-2-Pentanone	108-10-1	ug/L	10/10/2024	2.1	10		<10.0
MW-67	d	Styrene	100-42-5	ug/L	10/10/2024	0.37	1		<1.00
MW-67	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	10/10/2024	0.38	1		<1.00
MW-67	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	10/10/2024	0.47	1		<1.00
MW-67	d	Tetrachloroethene	127-18-4	ug/L	10/10/2024	0.48	1		<1.00
MW-67	d	Toluene	108-88-3	ug/L	10/10/2024	0.43	1		<1.00
MW-67	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	10/10/2024	1.1	10		<10.0
MW-67	d	trans-1,2-Dichloroethene	156-60-5	ug/L	10/10/2024	0.27	1		<1.00
MW-67	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	10/10/2024	0.56	5		<5.00
MW-67	d	1,1,1-Trichloroethane	71-55-6	ug/L	10/10/2024	0.19	1		<1.00
MW-67	d	1,1,2-Trichloroethane	79-00-5	ug/L	10/10/2024	0.45	1		<1.00
MW-67	d	Trichloroethene	79-01-6	ug/L	10/10/2024	0.43	1		<1.00
MW-67	d	Trichlorofluoromethane	75-69-4	ug/L	10/10/2024	0.38	4		<4.00
MW-67	d	1,2,3-Trichloropropane	96-18-4	ug/L	10/10/2024	0.59	1		<1.00
MW-67	d	Vinyl Acetate	108-05-4	ug/L	10/10/2024	2.5	10		<10.0
MW-67	d	Vinyl Chloride	75-01-4	ug/L	10/10/2024	0.18	1		<1.00
MW-67	d	Xylenes, total	1330-20-7	ug/L	10/10/2024	0.4	3		<3.00
MW-67	d	Total Suspended Solids	TSS	mg/L	10/10/2024	1.39	1.88		6.00
MW-B	d	Antimony	7440-36-0	mg/L	10/10/2024	0.001	0.002		<0.00200
MW-B	d	Arsenic	7440-38-2	mg/L	10/10/2024	0.00053	0.002		<0.00200
MW-B	d	Barium	7440-39-3	mg/L	10/10/2024	0.00066	0.002		0.0443
MW-B	d	Beryllium	7440-41-7	mg/L	10/10/2024	0.00033	0.001		<0.00100
MW-B	d	Cadmium	7440-43-9	mg/L	10/10/2024	0.0001	0.0002		<0.000200
MW-B	d	Chromium	7440-47-3	mg/L	10/10/2024	0.0012	0.005		<0.00500
MW-B	d	Cobalt	7440-48-4	mg/L	10/10/2024	0.00017	0.0005	J	0.000257
MW-B	d	Copper	7440-50-8	mg/L	10/10/2024	0.0018	0.005		<0.00500
MW-B	d	Lead	7439-92-1	mg/L	10/10/2024	0.00026	0.0005		<0.000500
MW-B	d	Nickel	7440-02-0	mg/L	10/10/2024	0.0021	0.005		<0.00500
MW-B	d	Selenium	7782-49-2	mg/L	10/10/2024	0.0014	0.005		<0.00500
MW-B	d	Silver	7440-22-4	mg/L	10/10/2024	0.0005	0.001		<0.00100
MW-B	d	Thallium	7440-28-0	mg/L	10/10/2024	0.00057	0.001		<0.00100
MW-B	d	Vanadium	7440-62-2	mg/L	10/10/2024	0.0011	0.005		<0.00500
MW-B	d	Zinc	7440-66-6	mg/L	10/10/2024	0.0097	0.02		<0.0200
MW-B	d	Acetone	67-64-1	ug/L	10/10/2024	3.1	10		<10.0
MW-B	d	Acrylonitrile	107-13-1	ug/L	10/10/2024	2.2	5		<5.00
MW-B	d	Benzene	71-43-2	ug/L	10/10/2024	0.22	0.5		<0.500
MW-B	d	Bromochloromethane	74-97-5	ug/L	10/10/2024	0.54	5		<5.00
MW-B	d	Bromodichloromethane	75-27-4	ug/L	10/10/2024	0.39	1		<1.00
MW-B	d	Bromoform	75-25-2	ug/L	10/10/2024	0.78	5		<5.00
MW-B	d	Bromomethane	74-83-9	ug/L	10/10/2024	1.1	4		<4.00
MW-B	d	2-Butanone	78-93-3	ug/L	10/10/2024	2.1	10		<10.0
MW-B	d	Carbon Disulfide	75-15-0	ug/L	10/10/2024	0.45	1		<1.00
MW-B	d	Carbon Tetrachloride	56-23-5	ug/L	10/10/2024	0.65	2		<2.00
MW-B	d	Chlorobenzene	108-90-7	ug/L	10/10/2024	0.4	1		<1.00
MW-B	d	Chlorodibromomethane	124-48-1	ug/L	10/10/2024	0.75	5		<5.00

Table 9A
Analytical Data Summary - Phase II MSWLF
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Phase II MSWLF and CWTS
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-B	d	Chloroethane	75-00-3	ug/L	10/10/2024	0.79	4		<4.00
MW-B	d	Chloroform	67-66-3	ug/L	10/10/2024	1.3	3		<3.00
MW-B	d	Chloromethane	74-87-3	ug/L	10/10/2024	0.61	3		<3.00
MW-B	d	cis-1,2-Dichloroethene	156-59-2	ug/L	10/10/2024	0.21	1		<1.00
MW-B	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	10/10/2024	0.25	5		<5.00
MW-B	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	10/10/2024	1.2	5		<5.00
MW-B	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	10/10/2024	0.34	1		<1.00
MW-B	d	Methylene Bromide	74-95-3	ug/L	10/10/2024	0.33	1		<1.00
MW-B	d	1,2-Dichlorobenzene	95-50-1	ug/L	10/10/2024	0.37	1		<1.00
MW-B	d	1,4-Dichlorobenzene	106-46-7	ug/L	10/10/2024	0.23	1		<1.00
MW-B	d	1,1-Dichloroethane	75-34-3	ug/L	10/10/2024	0.22	1		<1.00
MW-B	d	1,2-Dichloroethane	107-06-2	ug/L	10/10/2024	0.39	1		<1.00
MW-B	d	1,1-Dichloroethene	75-35-4	ug/L	10/10/2024	0.56	2		<2.00
MW-B	d	1,2-Dichloropropane	78-87-5	ug/L	10/10/2024	0.27	1		<1.00
MW-B	d	Ethylbenzene	100-41-4	ug/L	10/10/2024	0.31	1		<1.00
MW-B	d	2-Hexanone	591-78-6	ug/L	10/10/2024	2	10		<10.0
MW-B	d	Iodomethane	74-88-4	ug/L	10/10/2024	7	10		<10.0
MW-B	d	Methylene Chloride	75-09-2	ug/L	10/10/2024	1.7	5		<5.00
MW-B	d	4-Methyl-2-Pentanone	108-10-1	ug/L	10/10/2024	2.1	10		<10.0
MW-B	d	Styrene	100-42-5	ug/L	10/10/2024	0.37	1		<1.00
MW-B	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	10/10/2024	0.38	1		<1.00
MW-B	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	10/10/2024	0.47	1		<1.00
MW-B	d	Tetrachloroethene	127-18-4	ug/L	10/10/2024	0.48	1		<1.00
MW-B	d	Toluene	108-88-3	ug/L	10/10/2024	0.43	1		<1.00
MW-B	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	10/10/2024	1.1	10		<10.0
MW-B	d	trans-1,2-Dichloroethene	156-60-5	ug/L	10/10/2024	0.27	1		<1.00
MW-B	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	10/10/2024	0.56	5		<5.00
MW-B	d	1,1,1-Trichloroethane	71-55-6	ug/L	10/10/2024	0.19	1		<1.00
MW-B	d	1,1,2-Trichloroethane	79-00-5	ug/L	10/10/2024	0.45	1		<1.00
MW-B	d	Trichloroethene	79-01-6	ug/L	10/10/2024	0.43	1		<1.00
MW-B	d	Trichlorofluoromethane	75-69-4	ug/L	10/10/2024	0.38	4		<4.00
MW-B	d	1,2,3-Trichloropropane	96-18-4	ug/L	10/10/2024	0.59	1		<1.00
MW-B	d	Vinyl Acetate	108-05-4	ug/L	10/10/2024	2.5	10		<10.0
MW-B	d	Vinyl Chloride	75-01-4	ug/L	10/10/2024	0.18	1		<1.00
MW-B	d	Xylenes, total	1330-20-7	ug/L	10/10/2024	0.4	3		<3.00
MW-B	d	Total Suspended Solids	TSS	mg/L	10/10/2024	1.39	1.88		3.00
MW-C	d	Antimony	7440-36-0	mg/L	10/10/2024	0.001	0.002		<0.00200
MW-C	d	Arsenic	7440-38-2	mg/L	10/10/2024	0.00053	0.002	J	0.00150
MW-C	d	Barium	7440-39-3	mg/L	10/10/2024	0.00066	0.002		0.273
MW-C	d	Beryllium	7440-41-7	mg/L	10/10/2024	0.00033	0.001		<0.00100
MW-C	d	Cadmium	7440-43-9	mg/L	10/10/2024	0.0001	0.0002		<0.000200
MW-C	d	Chromium	7440-47-3	mg/L	10/10/2024	0.0012	0.005		<0.00500
MW-C	d	Cobalt	7440-48-4	mg/L	10/10/2024	0.00017	0.0005	J	0.000177
MW-C	d	Copper	7440-50-8	mg/L	10/10/2024	0.0018	0.005		<0.00500
MW-C	d	Lead	7439-92-1	mg/L	10/10/2024	0.00026	0.0005		<0.000500
MW-C	d	Nickel	7440-02-0	mg/L	10/10/2024	0.0021	0.005		<0.00500
MW-C	d	Selenium	7782-49-2	mg/L	10/10/2024	0.0014	0.005		<0.00500
MW-C	d	Silver	7440-22-4	mg/L	10/10/2024	0.0005	0.001		<0.00100
MW-C	d	Thallium	7440-28-0	mg/L	10/10/2024	0.00057	0.001		<0.00100
MW-C	d	Vanadium	7440-62-2	mg/L	10/10/2024	0.0011	0.005		<0.00500
MW-C	d	Zinc	7440-66-6	mg/L	10/10/2024	0.0097	0.02		<0.0200
MW-C	d	Acetone	67-64-1	ug/L	10/10/2024	3.1	10		<10.0
MW-C	d	Acrylonitrile	107-13-1	ug/L	10/10/2024	2.2	5		<5.00
MW-C	d	Benzene	71-43-2	ug/L	10/10/2024	0.22	0.5		<0.500
MW-C	d	Bromochloromethane	74-97-5	ug/L	10/10/2024	0.54	5		<5.00
MW-C	d	Bromodichloromethane	75-27-4	ug/L	10/10/2024	0.39	1		<1.00
MW-C	d	Bromoform	75-25-2	ug/L	10/10/2024	0.78	5		<5.00
MW-C	d	Bromomethane	74-83-9	ug/L	10/10/2024	1.1	4		<4.00
MW-C	d	2-Butanone	78-93-3	ug/L	10/10/2024	2.1	10		<10.0
MW-C	d	Carbon Disulfide	75-15-0	ug/L	10/10/2024	0.45	1		<1.00
MW-C	d	Carbon Tetrachloride	56-23-5	ug/L	10/10/2024	0.65	2		<2.00
MW-C	d	Chlorobenzene	108-90-7	ug/L	10/10/2024	0.4	1		<1.00
MW-C	d	Chlorodibromomethane	124-48-1	ug/L	10/10/2024	0.75	5		<5.00
MW-C	d	Chloroethane	75-00-3	ug/L	10/10/2024	0.79	4		<4.00
MW-C	d	Chloroform	67-66-3	ug/L	10/10/2024	1.3	3		<3.00
MW-C	d	Chloromethane	74-87-3	ug/L	10/10/2024	0.61	3		<3.00
MW-C	d	cis-1,2-Dichloroethene	156-59-2	ug/L	10/10/2024	0.21	1		<1.00
MW-C	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	10/10/2024	0.25	5		<5.00
MW-C	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	10/10/2024	1.2	5		<5.00
MW-C	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	10/10/2024	0.34	1		<1.00
MW-C	d	Methylene Bromide	74-95-3	ug/L	10/10/2024	0.33	1		<1.00
MW-C	d	1,2-Dichlorobenzene	95-50-1	ug/L	10/10/2024	0.37	1		<1.00
MW-C	d	1,4-Dichlorobenzene	106-46-7	ug/L	10/10/2024	0.23	1		<1.00
MW-C	d	1,1-Dichloroethane	75-34-3	ug/L	10/10/2024	0.22	1		<1.00
MW-C	d	1,2-Dichloroethane	107-06-2	ug/L	10/10/2024	0.39	1		<1.00

Table 9A
Analytical Data Summary - Phase II MSWLF
2024 Annual Water Quality Report
Phase II MSWLF and CWTS
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-C	d	1,1-Dichloroethene	75-35-4	ug/L	10/10/2024	0.56	2		<2.00
MW-C	d	1,2-Dichloropropane	78-87-5	ug/L	10/10/2024	0.27	1		<1.00
MW-C	d	Ethylbenzene	100-41-4	ug/L	10/10/2024	0.31	1		<1.00
MW-C	d	2-Hexanone	591-78-6	ug/L	10/10/2024	2	10		<10.0
MW-C	d	Iodomethane	74-88-4	ug/L	10/10/2024	7	10		<10.0
MW-C	d	Methylene Chloride	75-09-2	ug/L	10/10/2024	1.7	5		<5.00
MW-C	d	4-Methyl-2-Pentanone	108-10-1	ug/L	10/10/2024	2.1	10		<10.0
MW-C	d	Styrene	100-42-5	ug/L	10/10/2024	0.37	1		<1.00
MW-C	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	10/10/2024	0.38	1		<1.00
MW-C	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	10/10/2024	0.47	1		<1.00
MW-C	d	Tetrachloroethene	127-18-4	ug/L	10/10/2024	0.48	1		<1.00
MW-C	d	Toluene	108-88-3	ug/L	10/10/2024	0.43	1		<1.00
MW-C	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	10/10/2024	1.1	10		<10.0
MW-C	d	trans-1,2-Dichloroethene	156-60-5	ug/L	10/10/2024	0.27	1		<1.00
MW-C	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	10/10/2024	0.56	5		<5.00
MW-C	d	1,1,1-Trichloroethane	71-55-6	ug/L	10/10/2024	0.19	1		<1.00
MW-C	d	1,1,2-Trichloroethane	79-00-5	ug/L	10/10/2024	0.45	1		<1.00
MW-C	d	Trichloroethene	79-01-6	ug/L	10/10/2024	0.43	1		<1.00
MW-C	d	Trichlorofluoromethane	75-69-4	ug/L	10/10/2024	0.38	4		<4.00
MW-C	d	1,2,3-Trichloropropane	96-18-4	ug/L	10/10/2024	0.59	1		<1.00
MW-C	d	Vinyl Acetate	108-05-4	ug/L	10/10/2024	2.5	10		<10.0
MW-C	d	Vinyl Chloride	75-01-4	ug/L	10/10/2024	0.18	1		<1.00
MW-C	d	Xylenes, total	1330-20-7	ug/L	10/10/2024	0.4	3		<3.00
MW-C	d	Total Suspended Solids	TSS	mg/L	10/10/2024	2.22	3		9.20
MW-E	d	Antimony	7440-36-0	mg/L	10/10/2024	0.001	0.002		<0.00200
MW-E	d	Arsenic	7440-38-2	mg/L	10/10/2024	0.00053	0.002	J	0.00139
MW-E	d	Barium	7440-39-3	mg/L	10/10/2024	0.00066	0.002		0.596
MW-E	d	Beryllium	7440-41-7	mg/L	10/10/2024	0.00033	0.001		<0.00100
MW-E	d	Cadmium	7440-43-9	mg/L	10/10/2024	0.0001	0.0002	J	0.000130
MW-E	d	Chromium	7440-47-3	mg/L	10/10/2024	0.0012	0.005		<0.00500
MW-E	d	Cobalt	7440-48-4	mg/L	10/10/2024	0.00017	0.0005		0.000652
MW-E	d	Copper	7440-50-8	mg/L	10/10/2024	0.0018	0.005		<0.00500
MW-E	d	Lead	7439-92-1	mg/L	10/10/2024	0.00026	0.0005	J	0.000348
MW-E	d	Nickel	7440-02-0	mg/L	10/10/2024	0.0021	0.005		<0.00500
MW-E	d	Selenium	7782-49-2	mg/L	10/10/2024	0.0014	0.005		<0.00500
MW-E	d	Silver	7440-22-4	mg/L	10/10/2024	0.0005	0.001		<0.00100
MW-E	d	Thallium	7440-28-0	mg/L	10/10/2024	0.00057	0.001		<0.00100
MW-E	d	Vanadium	7440-62-2	mg/L	10/10/2024	0.0011	0.005		<0.00500
MW-E	d	Zinc	7440-66-6	mg/L	10/10/2024	0.0097	0.02		<0.0200
MW-E	d	Acetone	67-64-1	ug/L	10/10/2024	3.1	10		<10.0
MW-E	d	Acrylonitrile	107-13-1	ug/L	10/10/2024	2.2	5		<5.00
MW-E	d	Benzene	71-43-2	ug/L	10/10/2024	0.22	0.5		<0.500
MW-E	d	Bromochloromethane	74-97-5	ug/L	10/10/2024	0.54	5		<5.00
MW-E	d	Bromodichloromethane	75-27-4	ug/L	10/10/2024	0.39	1		<1.00
MW-E	d	Bromoform	75-25-2	ug/L	10/10/2024	0.78	5		<5.00
MW-E	d	Bromomethane	74-83-9	ug/L	10/10/2024	1.1	4		<4.00
MW-E	d	2-Butanone	78-93-3	ug/L	10/10/2024	2.1	10		<10.0
MW-E	d	Carbon Disulfide	75-15-0	ug/L	10/10/2024	0.45	1		<1.00
MW-E	d	Carbon Tetrachloride	56-23-5	ug/L	10/10/2024	0.65	2		<2.00
MW-E	d	Chlorobenzene	108-90-7	ug/L	10/10/2024	0.4	1		<1.00
MW-E	d	Chlorodibromomethane	124-48-1	ug/L	10/10/2024	0.75	5		<5.00
MW-E	d	Chloroethane	75-00-3	ug/L	10/10/2024	0.79	4		<4.00
MW-E	d	Chloroform	67-66-3	ug/L	10/10/2024	1.3	3		<3.00
MW-E	d	Chloromethane	74-87-3	ug/L	10/10/2024	0.61	3		<3.00
MW-E	d	cis-1,2-Dichloroethene	156-59-2	ug/L	10/10/2024	0.21	1		<1.00
MW-E	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	10/10/2024	0.25	5		<5.00
MW-E	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	10/10/2024	1.2	5		<5.00
MW-E	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	10/10/2024	0.34	1		<1.00
MW-E	d	Methylene Bromide	74-95-3	ug/L	10/10/2024	0.33	1		<1.00
MW-E	d	1,2-Dichlorobenzene	95-50-1	ug/L	10/10/2024	0.37	1		<1.00
MW-E	d	1,4-Dichlorobenzene	106-46-7	ug/L	10/10/2024	0.23	1		<1.00
MW-E	d	1,1-Dichloroethane	75-34-3	ug/L	10/10/2024	0.22	1		<1.00
MW-E	d	1,2-Dichloroethane	107-06-2	ug/L	10/10/2024	0.39	1		<1.00
MW-E	d	1,1-Dichloroethene	75-35-4	ug/L	10/10/2024	0.56	2		<2.00
MW-E	d	1,2-Dichloropropane	78-87-5	ug/L	10/10/2024	0.27	1		<1.00
MW-E	d	Ethylbenzene	100-41-4	ug/L	10/10/2024	0.31	1		<1.00
MW-E	d	2-Hexanone	591-78-6	ug/L	10/10/2024	2	10		<10.0
MW-E	d	Iodomethane	74-88-4	ug/L	10/10/2024	7	10		<10.0
MW-E	d	Methylene Chloride	75-09-2	ug/L	10/10/2024	1.7	5		<5.00
MW-E	d	4-Methyl-2-Pentanone	108-10-1	ug/L	10/10/2024	2.1	10		<10.0
MW-E	d	Styrene	100-42-5	ug/L	10/10/2024	0.37	1		<1.00
MW-E	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	10/10/2024	0.38	1		<1.00
MW-E	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	10/10/2024	0.47	1		<1.00
MW-E	d	Tetrachloroethene	127-18-4	ug/L	10/10/2024	0.48	1		<1.00
MW-E	d	Toluene	108-88-3	ug/L	10/10/2024	0.43	1		<1.00

Table 9A
Analytical Data Summary - Phase II MSWLF
2024 Annual Water Quality Report
Phase II MSWLF and CWTS
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-E	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	10/10/2024	1.1	10		<10.0
MW-E	d	trans-1,2-Dichloroethene	156-60-5	ug/L	10/10/2024	0.27	1		<1.00
MW-E	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	10/10/2024	0.56	5		<5.00
MW-E	d	1,1,1-Trichloroethane	71-55-6	ug/L	10/10/2024	0.19	1		<1.00
MW-E	d	1,1,2-Trichloroethane	79-00-5	ug/L	10/10/2024	0.45	1		<1.00
MW-E	d	Trichloroethene	79-01-6	ug/L	10/10/2024	0.43	1		<1.00
MW-E	d	Trichlorofluoromethane	75-69-4	ug/L	10/10/2024	0.38	4		<4.00
MW-E	d	1,2,3-Trichloropropane	96-18-4	ug/L	10/10/2024	0.59	1		<1.00
MW-E	d	Vinyl Acetate	108-05-4	ug/L	10/10/2024	2.5	10		<10.0
MW-E	d	Vinyl Chloride	75-01-4	ug/L	10/10/2024	0.18	1		<1.00
MW-E	d	Xylenes, total	1330-20-7	ug/L	10/10/2024	0.4	3		<3.00
MW-E	d	Total Suspended Solids	TSS	mg/L	10/10/2024	1.39	1.88		14.1
GU-3	d	Antimony	7440-36-0	mg/L	10/10/2024	0.001	0.002		<0.00200
GU-3	d	Arsenic	7440-38-2	mg/L	10/10/2024	0.00053	0.002		0.00281
GU-3	d	Barium	7440-39-3	mg/L	10/10/2024	0.00066	0.002		0.0839
GU-3	d	Beryllium	7440-41-7	mg/L	10/10/2024	0.00033	0.001		<0.00100
GU-3	d	Cadmium	7440-43-9	mg/L	10/10/2024	0.0001	0.0002		0.000414
GU-3	d	Chromium	7440-47-3	mg/L	10/10/2024	0.0012	0.005		0.0114
GU-3	d	Cobalt	7440-48-4	mg/L	10/10/2024	0.00017	0.0005		0.00196
GU-3	d	Copper	7440-50-8	mg/L	10/10/2024	0.0018	0.005		0.00507
GU-3	d	Lead	7439-92-1	mg/L	10/10/2024	0.00026	0.0005		0.000764
GU-3	d	Nickel	7440-02-0	mg/L	10/10/2024	0.0084	0.02		0.0342
GU-3	d	Selenium	7782-49-2	mg/L	10/10/2024	0.0014	0.005		<0.00500
GU-3	d	Silver	7440-22-4	mg/L	10/10/2024	0.0005	0.001		<0.00100
GU-3	d	Thallium	7440-28-0	mg/L	10/10/2024	0.00228	0.004		<0.00400
GU-3	d	Vanadium	7440-62-2	mg/L	10/10/2024	0.0011	0.005	J	0.00365
GU-3	d	Zinc	7440-66-6	mg/L	10/10/2024	0.0388	0.08		3.05
GU-3	d	Acetone	67-64-1	ug/L	10/10/2024	3.1	10		<10.0
GU-3	d	Acrylonitrile	107-13-1	ug/L	10/10/2024	2.2	5		<5.00
GU-3	d	Benzene	71-43-2	ug/L	10/10/2024	0.22	0.5		<0.500
GU-3	d	Bromochloromethane	74-97-5	ug/L	10/10/2024	0.54	5		<5.00
GU-3	d	Bromodichloromethane	75-27-4	ug/L	10/10/2024	0.39	1		<1.00
GU-3	d	Bromoform	75-25-2	ug/L	10/10/2024	0.78	5		<5.00
GU-3	d	Bromomethane	74-83-9	ug/L	10/10/2024	1.1	4		<4.00
GU-3	d	2-Butanone	78-93-3	ug/L	10/10/2024	2.1	10		<10.0
GU-3	d	Carbon Disulfide	75-15-0	ug/L	10/10/2024	0.45	1		<1.00
GU-3	d	Carbon Tetrachloride	56-23-5	ug/L	10/10/2024	0.65	2		<2.00
GU-3	d	Chlorobenzene	108-90-7	ug/L	10/10/2024	0.4	1		<1.00
GU-3	d	Chlorodibromomethane	124-48-1	ug/L	10/10/2024	0.75	5		<5.00
GU-3	d	Chloroethane	75-00-3	ug/L	10/10/2024	0.79	4		<4.00
GU-3	d	Chloroform	67-66-3	ug/L	10/10/2024	1.3	3		<3.00
GU-3	d	Chloromethane	74-87-3	ug/L	10/10/2024	0.61	3		<3.00
GU-3	d	cis-1,2-Dichloroethene	156-59-2	ug/L	10/10/2024	0.21	1		<1.00
GU-3	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	10/10/2024	0.25	5		<5.00
GU-3	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	10/10/2024	1.2	5		<5.00
GU-3	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	10/10/2024	0.34	1		<1.00
GU-3	d	Methylene Bromide	74-95-3	ug/L	10/10/2024	0.33	1		<1.00
GU-3	d	1,2-Dichlorobenzene	95-50-1	ug/L	10/10/2024	0.37	1		<1.00
GU-3	d	1,4-Dichlorobenzene	106-46-7	ug/L	10/10/2024	0.23	1		<1.00
GU-3	d	1,1-Dichloroethane	75-34-3	ug/L	10/10/2024	0.22	1		<1.00
GU-3	d	1,2-Dichloroethane	107-06-2	ug/L	10/10/2024	0.39	1		<1.00
GU-3	d	1,1-Dichloroethene	75-35-4	ug/L	10/10/2024	0.56	2		<2.00
GU-3	d	1,2-Dichloropropane	78-87-5	ug/L	10/10/2024	0.27	1		<1.00
GU-3	d	Ethylbenzene	100-41-4	ug/L	10/10/2024	0.31	1		<1.00
GU-3	d	2-Hexanone	591-78-6	ug/L	10/10/2024	2	10		<10.0
GU-3	d	Iodomethane	74-88-4	ug/L	10/10/2024	7	10		<10.0
GU-3	d	Methylene Chloride	75-09-2	ug/L	10/10/2024	1.7	5		<5.00
GU-3	d	4-Methyl-2-Pentanone	108-10-1	ug/L	10/10/2024	2.1	10		<10.0
GU-3	d	Styrene	100-42-5	ug/L	10/10/2024	0.37	1		<1.00
GU-3	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	10/10/2024	0.38	1		<1.00
GU-3	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	10/10/2024	0.47	1		<1.00
GU-3	d	Tetrachloroethene	127-18-4	ug/L	10/10/2024	0.48	1		<1.00
GU-3	d	Toluene	108-88-3	ug/L	10/10/2024	0.43	1		<1.00
GU-3	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	10/10/2024	1.1	10		<10.0
GU-3	d	trans-1,2-Dichloroethene	156-60-5	ug/L	10/10/2024	0.27	1		<1.00
GU-3	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	10/10/2024	0.56	5		<5.00
GU-3	d	1,1,1-Trichloroethane	71-55-6	ug/L	10/10/2024	0.19	1		<1.00
GU-3	d	1,1,2-Trichloroethane	79-00-5	ug/L	10/10/2024	0.45	1		<1.00
GU-3	d	Trichloroethene	79-01-6	ug/L	10/10/2024	0.43	1		<1.00
GU-3	d	Trichlorofluoromethane	75-69-4	ug/L	10/10/2024	0.38	4		<4.00
GU-3	d	1,2,3-Trichloropropane	96-18-4	ug/L	10/10/2024	0.59	1		<1.00
GU-3	d	Vinyl Acetate	108-05-4	ug/L	10/10/2024	2.5	10		<10.0
GU-3	d	Vinyl Chloride	75-01-4	ug/L	10/10/2024	0.18	1		<1.00
GU-3	d	Xylenes, total	1330-20-7	ug/L	10/10/2024	0.4	3		<3.00
GU-3	d	Total Suspended Solids	TSS	mg/L	10/10/2024	2.22	3		29.6

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Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-35R	u	Boron	7440-42-8	mg/L	11/4/1999	n/a	n/a		0.122
MW-35R	u	Manganese	7439-96-5	mg/L	11/4/1999	n/a	n/a		1.8
MW-35R	u	Phosphorus	7723-14-0	mg/L	11/4/1999	n/a	n/a		1.8
MW-36	d	Boron	7440-42-8	mg/L	11/4/1999	n/a	n/a		0.118
MW-36	d	Manganese	7439-96-5	mg/L	11/4/1999	n/a	n/a		2.5
MW-36	d	Phosphorus	7723-14-0	mg/L	11/4/1999	n/a	n/a		1.4
MW-35R	u	Boron	7440-42-8	mg/L	2/7/2000	0.1	n/a	ND	
MW-35R	u	Manganese	7439-96-5	mg/L	2/7/2000	n/a	n/a		1.4
MW-35R	u	Phosphorus	7723-14-0	mg/L	2/7/2000	n/a	n/a		4.7
MW-36	d	Boron	7440-42-8	mg/L	2/7/2000	0.1	n/a	ND	
MW-36	d	Manganese	7439-96-5	mg/L	2/7/2000	n/a	n/a		2.3
MW-36	d	Phosphorus	7723-14-0	mg/L	2/7/2000	n/a	n/a		2.4
MW-35R	u	Boron	7440-42-8	mg/L	5/22/2000	0.1	n/a	ND	
MW-35R	u	Manganese	7439-96-5	mg/L	5/22/2000	n/a	n/a		1.14
MW-35R	u	Phosphorus	7723-14-0	mg/L	5/22/2000	n/a	n/a		0.61
MW-36	d	Boron	7440-42-8	mg/L	5/22/2000	0.1	n/a	ND	
MW-36	d	Manganese	7439-96-5	mg/L	5/22/2000	n/a	n/a		1.51
MW-36	d	Phosphorus	7723-14-0	mg/L	5/22/2000	n/a	n/a		14
MW-35R	u	Phosphorus	7723-14-0	mg/L	10/8/2001	1	n/a	ND	
MW-36	d	Phosphorus	7723-14-0	mg/L	10/8/2001	1	n/a	ND	
MW-35R	u	Phosphorus	7723-14-0	mg/L	4/4/2002	1	n/a	ND	
MW-36	d	Phosphorus	7723-14-0	mg/L	4/4/2002	1	n/a	ND	
MW-35R	u	Boron	7440-42-8	mg/L	7/17/2002	n/a	n/a		0.05
MW-35R	u	Manganese	7439-96-5	mg/L	7/17/2002	n/a	n/a		1.35
MW-36	d	Boron	7440-42-8	mg/L	7/17/2002	n/a	n/a		0.09
MW-36	d	Manganese	7439-96-5	mg/L	7/17/2002	n/a	n/a		3.36
MW-35R	u	Boron	7440-42-8	mg/L	8/14/2002	n/a	n/a		0.14
MW-35R	u	Manganese	7439-96-5	mg/L	8/14/2002	n/a	n/a		0.582
MW-36	d	Boron	7440-42-8	mg/L	8/14/2002	n/a	n/a		0.13
MW-36	d	Manganese	7439-96-5	mg/L	8/14/2002	n/a	n/a		3.6
MW-35R	u	Boron	7440-42-8	mg/L	9/19/2002	n/a	n/a		0.13
MW-35R	u	Manganese	7439-96-5	mg/L	9/19/2002	n/a	n/a		0.629
MW-36	d	Boron	7440-42-8	mg/L	9/19/2002	n/a	n/a		0.13
MW-36	d	Manganese	7439-96-5	mg/L	9/19/2002	n/a	n/a		1.6
MW-35R	u	Phosphorus	7723-14-0	mg/L	10/7/2002	n/a	n/a		1.8
MW-36	d	Phosphorus	7723-14-0	mg/L	10/7/2002	1	n/a	ND	
MW-35R	u	Boron	7440-42-8	mg/L	10/16/2002	n/a	n/a		0.05
MW-35R	u	Manganese	7439-96-5	mg/L	10/16/2002	n/a	n/a		0.892
MW-36	d	Boron	7440-42-8	mg/L	10/16/2002	n/a	n/a		0.09
MW-36	d	Manganese	7439-96-5	mg/L	10/16/2002	n/a	n/a		1.7
MW-35R	u	Boron	7440-42-8	mg/L	4/15/2003	n/a	n/a		0.091
MW-35R	u	Manganese	7439-96-5	mg/L	4/15/2003	n/a	n/a		1
MW-35R	u	Phosphorus	7723-14-0	mg/L	4/15/2003	n/a	n/a		0.36
MW-36	d	Boron	7440-42-8	mg/L	4/15/2003	n/a	n/a		0.133
MW-36	d	Manganese	7439-96-5	mg/L	4/15/2003	n/a	n/a		1.6
MW-36	d	Phosphorus	7723-14-0	mg/L	4/15/2003	n/a	n/a		2.89
MW-35R	u	Boron	7440-42-8	mg/L	5/28/2003	0.05	n/a	ND	
MW-35R	u	Manganese	7439-96-5	mg/L	5/28/2003	n/a	n/a		0.043
MW-36	d	Boron	7440-42-8	mg/L	5/28/2003	n/a	n/a		0.063
MW-36	d	Manganese	7439-96-5	mg/L	5/28/2003	0.01	n/a	ND	
MW-35R	u	Boron	7440-42-8	mg/L	6/16/2003	n/a	n/a		0.253
MW-35R	u	Manganese	7439-96-5	mg/L	6/16/2003	n/a	n/a		0.414
MW-36	d	Boron	7440-42-8	mg/L	6/16/2003	n/a	n/a		0.346
MW-36	d	Manganese	7439-96-5	mg/L	6/16/2003	n/a	n/a		1.9
MW-35R	u	Boron	7440-42-8	mg/L	7/14/2003	n/a	n/a		0.137
MW-35R	u	Manganese	7439-96-5	mg/L	7/14/2003	n/a	n/a		1.51
MW-36	d	Boron	7440-42-8	mg/L	7/14/2003	n/a	n/a		0.219
MW-36	d	Manganese	7439-96-5	mg/L	7/14/2003	n/a	n/a		1.88
MW-35R	u	Boron	7440-42-8	mg/L	8/19/2003	n/a	n/a		0.213
MW-35R	u	Manganese	7439-96-5	mg/L	8/19/2003	n/a	n/a		0.777
MW-36	d	Boron	7440-42-8	mg/L	8/19/2003	n/a	n/a		0.328
MW-36	d	Manganese	7439-96-5	mg/L	8/19/2003	n/a	n/a		1.74
MW-35R	u	Boron	7440-42-8	mg/L	9/10/2003	n/a	n/a		0.237
MW-35R	u	Manganese	7439-96-5	mg/L	9/10/2003	n/a	n/a		1.07

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MW-36	d	Boron	7440-42-8	mg/L	9/10/2003	n/a	n/a		0.437
MW-36	d	Manganese	7439-96-5	mg/L	9/10/2003	n/a	n/a		2.19
MW-35R	u	Boron	7440-42-8	mg/L	10/6/2003	n/a	n/a		0.229
MW-35R	u	Manganese	7439-96-5	mg/L	10/6/2003	n/a	n/a		0.617
MW-35R	u	Phosphorus	7723-14-0	mg/L	10/6/2003	n/a	n/a		0.23
MW-36	d	Boron	7440-42-8	mg/L	10/6/2003	n/a	n/a		0.291
MW-36	d	Manganese	7439-96-5	mg/L	10/6/2003	n/a	n/a		2.86
MW-36	d	Phosphorus	7723-14-0	mg/L	10/6/2003	n/a	n/a		2.41
MW-35R	u	Phosphorus	7723-14-0	mg/L	3/16/2004	n/a	n/a		0.38
MW-36	d	Phosphorus	7723-14-0	mg/L	3/16/2004	n/a	n/a		1.95
MW-35R	u	Boron	7440-42-8	mg/L	4/26/2004	n/a	n/a		0.12
MW-35R	u	Manganese	7439-96-5	mg/L	4/26/2004	n/a	n/a		0.628
MW-36	d	Boron	7440-42-8	mg/L	4/26/2004	n/a	n/a		0.28
MW-36	d	Manganese	7439-96-5	mg/L	4/26/2004	n/a	n/a		1.8
MW-35R	u	Boron	7440-42-8	mg/L	5/17/2004	n/a	n/a		0.13
MW-35R	u	Manganese	7439-96-5	mg/L	5/17/2004	n/a	n/a		0.418
MW-36	d	Boron	7440-42-8	mg/L	5/17/2004	n/a	n/a		0.26
MW-36	d	Manganese	7439-96-5	mg/L	5/17/2004	n/a	n/a		1.4
MW-35R	u	Boron	7440-42-8	mg/L	6/21/2004	n/a	n/a		0.17
MW-35R	u	Manganese	7439-96-5	mg/L	6/21/2004	n/a	n/a		0.383
MW-36	d	Boron	7440-42-8	mg/L	6/21/2004	n/a	n/a		0.25
MW-36	d	Manganese	7439-96-5	mg/L	6/21/2004	n/a	n/a		1.21
MW-35R	u	Boron	7440-42-8	mg/L	7/20/2004	0.1	n/a	ND	
MW-35R	u	Manganese	7439-96-5	mg/L	7/20/2004	n/a	n/a		0.27
MW-36	d	Boron	7440-42-8	mg/L	7/20/2004	n/a	n/a		0.27
MW-36	d	Manganese	7439-96-5	mg/L	7/20/2004	n/a	n/a		2.3
MW-35R	u	Boron	7440-42-8	mg/L	8/23/2004	n/a	n/a		0.22
MW-35R	u	Manganese	7439-96-5	mg/L	8/23/2004	n/a	n/a		0.908
MW-36	d	Boron	7440-42-8	mg/L	8/23/2004	n/a	n/a		0.26
MW-36	d	Manganese	7439-96-5	mg/L	8/23/2004	n/a	n/a		1.01
MW-35R	u	Phosphorus	7723-14-0	mg/L	9/20/2004	n/a	n/a		0.3
MW-36	d	Phosphorus	7723-14-0	mg/L	9/20/2004	n/a	n/a		1.69
MW-35R	u	Boron	7440-42-8	mg/L	10/25/2004	0.1	n/a	ND	
MW-35R	u	Manganese	7439-96-5	mg/L	10/25/2004	n/a	n/a		0.571
MW-36	d	Boron	7440-42-8	mg/L	10/25/2004	n/a	n/a		0.18
MW-36	d	Manganese	7439-96-5	mg/L	10/25/2004	n/a	n/a		1.2
MW-35R	u	Phosphorus	7723-14-0	mg/L	3/21/2005	0.1	n/a	ND	
MW-36	d	Phosphorus	7723-14-0	mg/L	3/21/2005	n/a	n/a		1.06
MW-35R	u	Boron	7440-42-8	mg/L	4/25/2005	n/a	n/a		0.2
MW-35R	u	Manganese	7439-96-5	mg/L	4/25/2005	n/a	n/a		0.682
MW-36	d	Boron	7440-42-8	mg/L	4/25/2005	n/a	n/a		0.27
MW-36	d	Manganese	7439-96-5	mg/L	4/25/2005	n/a	n/a		1.5
MW-35R	u	Boron	7440-42-8	mg/L	5/19/2005	n/a	n/a		0.2
MW-35R	u	Manganese	7439-96-5	mg/L	5/19/2005	n/a	n/a		0.712
MW-36	d	Boron	7440-42-8	mg/L	5/19/2005	n/a	n/a		0.34
MW-36	d	Manganese	7439-96-5	mg/L	5/19/2005	n/a	n/a		1.2
MW-35R	u	Boron	7440-42-8	mg/L	6/20/2005	n/a	n/a		0.12
MW-35R	u	Manganese	7439-96-5	mg/L	6/20/2005	n/a	n/a		1.02
MW-36	d	Boron	7440-42-8	mg/L	6/20/2005	n/a	n/a		0.21
MW-36	d	Manganese	7439-96-5	mg/L	6/20/2005	n/a	n/a		1.27
MW-35R	u	Boron	7440-42-8	mg/L	7/27/2005	n/a	n/a		0.11
MW-35R	u	Manganese	7439-96-5	mg/L	7/27/2005	n/a	n/a		0.834
MW-36	d	Boron	7440-42-8	mg/L	7/27/2005	n/a	n/a		0.26
MW-36	d	Manganese	7439-96-5	mg/L	7/27/2005	n/a	n/a		1.1
MW-35R	u	Boron	7440-42-8	mg/L	8/30/2005	0.1	n/a	ND	
MW-35R	u	Manganese	7439-96-5	mg/L	8/30/2005	n/a	n/a		1
MW-36	d	Boron	7440-42-8	mg/L	8/30/2005	n/a	n/a		0.2
MW-36	d	Manganese	7439-96-5	mg/L	8/30/2005	n/a	n/a		0.563
MW-35R	u	Phosphorus	7723-14-0	mg/L	9/12/2005	n/a	n/a		0.34
MW-36	d	Phosphorus	7723-14-0	mg/L	9/12/2005	n/a	n/a		2.96
MW-35R	u	Phosphorus	7723-14-0	mg/L	3/14/2006	n/a	n/a		0.215
MW-36	d	Phosphorus	7723-14-0	mg/L	3/14/2006	n/a	n/a		1.95
MW-35R	u	Phosphorus	7723-14-0	mg/L	9/5/2006	n/a	n/a		0.149
MW-36	d	Phosphorus	7723-14-0	mg/L	9/5/2006	n/a	n/a		1.04

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Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-36	d	Phosphorus	7723-14-0	mg/L	3/9/2007	0.1	n/a	ND	
MW-36	d	Phosphorus	7723-14-0	mg/L	9/11/2007	n/a	n/a		0.194
MW-36	d	Manganese	7439-96-5	mg/L	10/18/2007	n/a	n/a		0.631
MW-36	d	Phosphorus	7723-14-0	mg/L	10/18/2007	n/a	n/a		1.03
MW-36	d	Phosphorus	7723-14-0	mg/L	3/3/2008	n/a	n/a		0.194
MW-36	d	Phosphorus	7723-14-0	mg/L	5/27/2008	0.1	n/a	ND	
MW-36	d	Phosphorus	7723-14-0	mg/L	6/11/2008	n/a	n/a		0.313
MW-36	d	Phosphorus	7723-14-0	mg/L	7/10/2008	0.1	n/a	ND	
MW-36	d	Phosphorus	7723-14-0	mg/L	8/21/2008	n/a	n/a		0.121
MW-35R	u	Phosphorus	7723-14-0	mg/L	9/24/2008	n/a	n/a		4.75
MW-36	d	Phosphorus	7723-14-0	mg/L	9/24/2008	n/a	n/a		0.114
MW-35R	u	Boron	7440-42-8	mg/L	3/13/2009	0.1	n/a	ND	
MW-35R	u	Manganese	7439-96-5	mg/L	3/13/2009	n/a	n/a		0.0861
MW-36	d	Boron	7440-42-8	mg/L	3/13/2009	n/a	n/a		0.321
MW-36	d	Manganese	7439-96-5	mg/L	3/13/2009	0.01	n/a	ND	
MW-35R	u	Boron	7440-42-8	mg/L	4/20/2009	0.1	n/a	ND	
MW-35R	u	Manganese	7439-96-5	mg/L	4/20/2009	n/a	n/a		0.0954
MW-35R	u	Phosphorus	7723-14-0	mg/L	4/20/2009	n/a	n/a		2.04
MW-36	d	Boron	7440-42-8	mg/L	4/20/2009	n/a	n/a		0.387
MW-36	d	Manganese	7439-96-5	mg/L	4/20/2009	n/a	n/a		0.0159
MW-36	d	Phosphorus	7723-14-0	mg/L	4/20/2009	0.1	n/a	ND	
MW-35R	u	Boron	7440-42-8	mg/L	5/12/2009	0.1	n/a	ND	
MW-35R	u	Manganese	7439-96-5	mg/L	5/12/2009	n/a	n/a		0.123
MW-36	d	Boron	7440-42-8	mg/L	5/12/2009	n/a	n/a		0.463
MW-36	d	Manganese	7439-96-5	mg/L	5/12/2009	0.01	n/a	ND	
MW-35R	u	Boron	7440-42-8	mg/L	6/8/2009	0.1	n/a	ND	
MW-35R	u	Manganese	7439-96-5	mg/L	6/8/2009	n/a	n/a		0.139
MW-36	d	Boron	7440-42-8	mg/L	6/8/2009	n/a	n/a		0.501
MW-36	d	Manganese	7439-96-5	mg/L	6/8/2009	n/a	n/a		0.0203
MW-35R	u	Boron	7440-42-8	mg/L	7/16/2009	0.1	n/a	ND	
MW-35R	u	Manganese	7439-96-5	mg/L	7/16/2009	n/a	n/a		0.12
MW-36	d	Boron	7440-42-8	mg/L	7/16/2009	n/a	n/a		0.576
MW-36	d	Manganese	7439-96-5	mg/L	7/16/2009	n/a	n/a		0.0234
MW-35R	u	Antimony	7440-36-0	mg/L	8/11/2009	0.006	n/a	ND	
MW-35R	u	Arsenic	7440-38-2	mg/L	8/11/2009	n/a	n/a		0.00172
MW-35R	u	Barium	7440-39-3	mg/L	8/11/2009	n/a	n/a		0.152
MW-35R	u	Beryllium	7440-41-7	mg/L	8/11/2009	0.001	n/a	ND	
MW-35R	u	Cadmium	7440-43-9	mg/L	8/11/2009	0.0005	n/a	ND	
MW-35R	u	Chromium	7440-47-3	mg/L	8/11/2009	0.02	n/a	ND	
MW-35R	u	Cobalt	7440-48-4	mg/L	8/11/2009	0.02	n/a	ND	
MW-35R	u	Copper	7440-50-8	mg/L	8/11/2009	0.02	n/a	ND	
MW-35R	u	Lead	7439-92-1	mg/L	8/11/2009	0.004	n/a	ND	
MW-35R	u	Nickel	7440-02-0	mg/L	8/11/2009	0.05	n/a	ND	
MW-35R	u	Selenium	7782-49-2	mg/L	8/11/2009	0.005	n/a	ND	
MW-35R	u	Silver	7440-22-4	mg/L	8/11/2009	0.02	n/a	ND	
MW-35R	u	Thallium	7440-28-0	mg/L	8/11/2009	0.002	n/a	ND	
MW-35R	u	Vanadium	7440-62-2	mg/L	8/11/2009	0.05	n/a	ND	
MW-35R	u	Zinc	7440-66-6	mg/L	8/11/2009	n/a	n/a		0.0228
MW-35R	u	Acetone	67-64-1	ug/L	8/11/2009	10	n/a	ND	
MW-35R	u	Acrylonitrile	107-13-1	ug/L	8/11/2009	10	n/a	ND	
MW-35R	u	Benzene	71-43-2	ug/L	8/11/2009	0.5	n/a	ND	
MW-35R	u	Bromochloromethane	74-97-5	ug/L	8/11/2009	5	n/a	ND	
MW-35R	u	Bromodichloromethane	75-27-4	ug/L	8/11/2009	1	n/a	ND	
MW-35R	u	Bromoform	75-25-2	ug/L	8/11/2009	5	n/a	ND	
MW-35R	u	Carbon disulfide	75-15-0	ug/L	8/11/2009	1	n/a	ND	
MW-35R	u	Carbon Tetrachloride	56-23-5	ug/L	8/11/2009	2	n/a	ND	
MW-35R	u	Chlorobenzene	108-90-7	ug/L	8/11/2009	1	n/a	ND	
MW-35R	u	Chloroethane	75-00-3	ug/L	8/11/2009	4	n/a	ND	
MW-35R	u	Chloroform	67-66-3	ug/L	8/11/2009	1	n/a	ND	
MW-35R	u	Chlorodibromomethane	124-48-1	ug/L	8/11/2009	5	n/a	ND	
MW-35R	u	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	8/11/2009	0.498	n/a	ND	
MW-35R	u	1,2-Dibromoethane [EDB]	106-93-4	ug/L	8/11/2009	0.255	n/a	ND	
MW-35R	u	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	8/11/2009	10	n/a	ND	
MW-35R	u	1,1-Dichloroethane	75-34-3	ug/L	8/11/2009	1	n/a	ND	

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Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-35R	u	1,2-Dichloroethane	107-06-2	ug/L	8/11/2009	1	n/a	ND	
MW-35R	u	1,1-Dichloroethene	75-35-4	ug/L	8/11/2009	2	n/a	ND	
MW-35R	u	cis-1,2-Dichloroethene	156-59-2	ug/L	8/11/2009	1	n/a	ND	
MW-35R	u	trans-1,2-Dichloroethene	156-60-5	ug/L	8/11/2009	1	n/a	ND	
MW-35R	u	1,2-Dichloropropane	78-87-5	ug/L	8/11/2009	1	n/a	ND	
MW-35R	u	cis-1,3-Dichloropropene	10061-01-5	ug/L	8/11/2009	5	n/a	ND	
MW-35R	u	trans-1,3-Dichloropropene	10061-02-6	ug/L	8/11/2009	5	n/a	ND	
MW-35R	u	1,2-Dichlorobenzene	95-50-1	ug/L	8/11/2009	1	n/a	ND	
MW-35R	u	1,4-Dichlorobenzene	106-46-7	ug/L	8/11/2009	1	n/a	ND	
MW-35R	u	Ethylbenzene	100-41-4	ug/L	8/11/2009	1	n/a	ND	
MW-35R	u	2-Hexanone	591-78-6	ug/L	8/11/2009	10	n/a	ND	
MW-35R	u	Bromomethane	74-83-9	ug/L	8/11/2009	4	n/a	ND	
MW-35R	u	Chloromethane	74-87-3	ug/L	8/11/2009	3	n/a	ND	
MW-35R	u	2-Butanone	78-93-3	ug/L	8/11/2009	10	n/a	ND	
MW-35R	u	Iodomethane	74-88-4	ug/L	8/11/2009	20	n/a	ND	
MW-35R	u	4-Methyl-2-pentanone	108-10-1	ug/L	8/11/2009	10	n/a	ND	
MW-35R	u	Methylene Chloride	75-09-2	ug/L	8/11/2009	5	n/a	ND	
MW-35R	u	Styrene	100-42-5	ug/L	8/11/2009	1	n/a	ND	
MW-35R	u	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	8/11/2009	1	n/a	ND	
MW-35R	u	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	8/11/2009	1	n/a	ND	
MW-35R	u	Tetrachloroethene	127-18-4	ug/L	8/11/2009	1	n/a	ND	
MW-35R	u	Toluene	108-88-3	ug/L	8/11/2009	1	n/a	ND	
MW-35R	u	1,1,1-Trichloroethane	71-55-6	ug/L	8/11/2009	1	n/a	ND	
MW-35R	u	1,1,2-Trichloroethane	79-00-5	ug/L	8/11/2009	1	n/a	ND	
MW-35R	u	Trichloroethene	79-01-6	ug/L	8/11/2009	1	n/a	ND	
MW-35R	u	Trichlorofluoromethane	75-69-4	ug/L	8/11/2009	4	n/a	ND	
MW-35R	u	1,2,3-Trichloropropane	96-18-4	ug/L	8/11/2009	1	n/a	ND	
MW-35R	u	Vinyl acetate	108-05-4	ug/L	8/11/2009	2	n/a	ND	
MW-35R	u	Vinyl chloride	75-01-4	ug/L	8/11/2009	1	n/a	ND	
MW-35R	u	Xylenes, total	1330-20-7	ug/L	8/11/2009	3	n/a	ND	
MW-35R	u	Methylene Bromide	74-95-3	ug/L	8/11/2009	1	n/a	ND	
MW-36	d	Antimony	7440-36-0	mg/L	8/11/2009	0.006	n/a	ND	
MW-36	d	Arsenic	7440-38-2	mg/L	8/11/2009	0.001	n/a	ND	
MW-36	d	Barium	7440-39-3	mg/L	8/11/2009	n/a	n/a		0.145
MW-36	d	Beryllium	7440-41-7	mg/L	8/11/2009	0.001	n/a	ND	
MW-36	d	Cadmium	7440-43-9	mg/L	8/11/2009	0.0005	n/a	ND	
MW-36	d	Chromium	7440-47-3	mg/L	8/11/2009	0.02	n/a	ND	
MW-36	d	Cobalt	7440-48-4	mg/L	8/11/2009	0.02	n/a	ND	
MW-36	d	Copper	7440-50-8	mg/L	8/11/2009	0.02	n/a	ND	
MW-36	d	Lead	7439-92-1	mg/L	8/11/2009	0.004	n/a	ND	
MW-36	d	Nickel	7440-02-0	mg/L	8/11/2009	0.05	n/a	ND	
MW-36	d	Selenium	7782-49-2	mg/L	8/11/2009	0.005	n/a	ND	
MW-36	d	Silver	7440-22-4	mg/L	8/11/2009	0.02	n/a	ND	
MW-36	d	Thallium	7440-28-0	mg/L	8/11/2009	0.002	n/a	ND	
MW-36	d	Vanadium	7440-62-2	mg/L	8/11/2009	0.05	n/a	ND	
MW-36	d	Zinc	7440-66-6	mg/L	8/11/2009	0.02	n/a	ND	
MW-36	d	Acetone	67-64-1	ug/L	8/11/2009	10	n/a	ND	
MW-36	d	Acrylonitrile	107-13-1	ug/L	8/11/2009	10	n/a	ND	
MW-36	d	Benzene	71-43-2	ug/L	8/11/2009	0.5	n/a	ND	
MW-36	d	Bromochloromethane	74-97-5	ug/L	8/11/2009	5	n/a	ND	
MW-36	d	Bromodichloromethane	75-27-4	ug/L	8/11/2009	1	n/a	ND	
MW-36	d	Bromoform	75-25-2	ug/L	8/11/2009	5	n/a	ND	
MW-36	d	Carbon disulfide	75-15-0	ug/L	8/11/2009	1	n/a	ND	
MW-36	d	Carbon Tetrachloride	56-23-5	ug/L	8/11/2009	2	n/a	ND	
MW-36	d	Chlorobenzene	108-90-7	ug/L	8/11/2009	1	n/a	ND	
MW-36	d	Chloroethane	75-00-3	ug/L	8/11/2009	4	n/a	ND	
MW-36	d	Chloroform	67-66-3	ug/L	8/11/2009	1	n/a	ND	
MW-36	d	Chlorodibromomethane	124-48-1	ug/L	8/11/2009	5	n/a	ND	
MW-36	d	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	8/11/2009	0.498	n/a	ND	
MW-36	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	8/11/2009	0.255	n/a	ND	
MW-36	d	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	8/11/2009	10	n/a	ND	
MW-36	d	1,1-Dichloroethane	75-34-3	ug/L	8/11/2009	1	n/a	ND	
MW-36	d	1,2-Dichloroethane	107-06-2	ug/L	8/11/2009	1	n/a	ND	
MW-36	d	1,1-Dichloroethene	75-35-4	ug/L	8/11/2009	2	n/a	ND	

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Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-36	d	cis-1,2-Dichloroethene	156-59-2	ug/L	8/11/2009	1	n/a	ND	
MW-36	d	trans-1,2-Dichloroethene	156-60-5	ug/L	8/11/2009	1	n/a	ND	
MW-36	d	1,2-Dichloropropane	78-87-5	ug/L	8/11/2009	1	n/a	ND	
MW-36	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	8/11/2009	5	n/a	ND	
MW-36	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	8/11/2009	5	n/a	ND	
MW-36	d	1,2-Dichlorobenzene	95-50-1	ug/L	8/11/2009	1	n/a	ND	
MW-36	d	1,4-Dichlorobenzene	106-46-7	ug/L	8/11/2009	1	n/a	ND	
MW-36	d	Ethylbenzene	100-41-4	ug/L	8/11/2009	1	n/a	ND	
MW-36	d	2-Hexanone	591-78-6	ug/L	8/11/2009	10	n/a	ND	
MW-36	d	Bromomethane	74-83-9	ug/L	8/11/2009	4	n/a	ND	
MW-36	d	Chloromethane	74-87-3	ug/L	8/11/2009	3	n/a	ND	
MW-36	d	2-Butanone	78-93-3	ug/L	8/11/2009	10	n/a	ND	
MW-36	d	Iodomethane	74-88-4	ug/L	8/11/2009	20	n/a	ND	
MW-36	d	4-Methyl-2-pentanone	108-10-1	ug/L	8/11/2009	10	n/a	ND	
MW-36	d	Methylene Chloride	75-09-2	ug/L	8/11/2009	5	n/a	ND	
MW-36	d	Styrene	100-42-5	ug/L	8/11/2009	1	n/a	ND	
MW-36	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	8/11/2009	1	n/a	ND	
MW-36	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	8/11/2009	1	n/a	ND	
MW-36	d	Tetrachloroethene	127-18-4	ug/L	8/11/2009	1	n/a	ND	
MW-36	d	Toluene	108-88-3	ug/L	8/11/2009	1	n/a	ND	
MW-36	d	1,1,1-Trichloroethane	71-55-6	ug/L	8/11/2009	1	n/a	ND	
MW-36	d	1,1,2-Trichloroethane	79-00-5	ug/L	8/11/2009	1	n/a	ND	
MW-36	d	Trichloroethene	79-01-6	ug/L	8/11/2009	1	n/a	ND	
MW-36	d	Trichlorofluoromethane	75-69-4	ug/L	8/11/2009	4	n/a	ND	
MW-36	d	1,2,3-Trichloropropane	96-18-4	ug/L	8/11/2009	1	n/a	ND	
MW-36	d	Vinyl acetate	108-05-4	ug/L	8/11/2009	2	n/a	ND	
MW-36	d	Vinyl chloride	75-01-4	ug/L	8/11/2009	1	n/a	ND	
MW-36	d	Xylenes, total	1330-20-7	ug/L	8/11/2009	3	n/a	ND	
MW-36	d	Methylene Bromide	74-95-3	ug/L	8/11/2009	1	n/a	ND	
MW-37	d	Antimony	7440-36-0	mg/L	8/11/2009	0.006	n/a	ND	
MW-37	d	Arsenic	7440-38-2	mg/L	8/11/2009	0.001	n/a	ND	
MW-37	d	Barium	7440-39-3	mg/L	8/11/2009	n/a	n/a		0.113
MW-37	d	Beryllium	7440-41-7	mg/L	8/11/2009	0.001	n/a	ND	
MW-37	d	Cadmium	7440-43-9	mg/L	8/11/2009	0.0005	n/a	ND	
MW-37	d	Chromium	7440-47-3	mg/L	8/11/2009	0.02	n/a	ND	
MW-37	d	Cobalt	7440-48-4	mg/L	8/11/2009	0.02	n/a	ND	
MW-37	d	Copper	7440-50-8	mg/L	8/11/2009	0.02	n/a	ND	
MW-37	d	Lead	7439-92-1	mg/L	8/11/2009	0.004	n/a	ND	
MW-37	d	Nickel	7440-02-0	mg/L	8/11/2009	0.05	n/a	ND	
MW-37	d	Selenium	7782-49-2	mg/L	8/11/2009	0.005	n/a	ND	
MW-37	d	Silver	7440-22-4	mg/L	8/11/2009	0.02	n/a	ND	
MW-37	d	Thallium	7440-28-0	mg/L	8/11/2009	0.002	n/a	ND	
MW-37	d	Vanadium	7440-62-2	mg/L	8/11/2009	0.05	n/a	ND	
MW-37	d	Zinc	7440-66-6	mg/L	8/11/2009	0.02	n/a	ND	
MW-37	d	Acetone	67-64-1	ug/L	8/11/2009	10	n/a	ND	
MW-37	d	Acrylonitrile	107-13-1	ug/L	8/11/2009	10	n/a	ND	
MW-37	d	Benzene	71-43-2	ug/L	8/11/2009	0.5	n/a	ND	
MW-37	d	Bromochloromethane	74-97-5	ug/L	8/11/2009	5	n/a	ND	
MW-37	d	Bromodichloromethane	75-27-4	ug/L	8/11/2009	1	n/a	ND	
MW-37	d	Bromoform	75-25-2	ug/L	8/11/2009	5	n/a	ND	
MW-37	d	Carbon disulfide	75-15-0	ug/L	8/11/2009	1	n/a	ND	
MW-37	d	Carbon Tetrachloride	56-23-5	ug/L	8/11/2009	2	n/a	ND	
MW-37	d	Chlorobenzene	108-90-7	ug/L	8/11/2009	1	n/a	ND	
MW-37	d	Chloroethane	75-00-3	ug/L	8/11/2009	4	n/a	ND	
MW-37	d	Chloroform	67-66-3	ug/L	8/11/2009	1	n/a	ND	
MW-37	d	Chlorodibromomethane	124-48-1	ug/L	8/11/2009	5	n/a	ND	
MW-37	d	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	8/11/2009	0.498	n/a	ND	
MW-37	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	8/11/2009	0.255	n/a	ND	
MW-37	d	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	8/11/2009	10	n/a	ND	
MW-37	d	1,1-Dichloroethane	75-34-3	ug/L	8/11/2009	1	n/a	ND	
MW-37	d	1,2-Dichloroethane	107-06-2	ug/L	8/11/2009	1	n/a	ND	
MW-37	d	1,1-Dichloroethene	75-35-4	ug/L	8/11/2009	2	n/a	ND	
MW-37	d	cis-1,2-Dichloroethene	156-59-2	ug/L	8/11/2009	1	n/a	ND	
MW-37	d	trans-1,2-Dichloroethene	156-60-5	ug/L	8/11/2009	1	n/a	ND	

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Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-37	d	1,2-Dichloropropane	78-87-5	ug/L	8/11/2009	1	n/a	ND	
MW-37	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	8/11/2009	5	n/a	ND	
MW-37	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	8/11/2009	5	n/a	ND	
MW-37	d	1,2-Dichlorobenzene	95-50-1	ug/L	8/11/2009	1	n/a	ND	
MW-37	d	1,4-Dichlorobenzene	106-46-7	ug/L	8/11/2009	1	n/a	ND	
MW-37	d	Ethylbenzene	100-41-4	ug/L	8/11/2009	1	n/a	ND	
MW-37	d	2-Hexanone	591-78-6	ug/L	8/11/2009	10	n/a	ND	
MW-37	d	Bromomethane	74-83-9	ug/L	8/11/2009	4	n/a	ND	
MW-37	d	Chloromethane	74-87-3	ug/L	8/11/2009	3	n/a	ND	
MW-37	d	2-Butanone	78-93-3	ug/L	8/11/2009	10	n/a	ND	
MW-37	d	Iodomethane	74-88-4	ug/L	8/11/2009	20	n/a	ND	
MW-37	d	4-Methyl-2-pentanone	108-10-1	ug/L	8/11/2009	1	n/a	ND	
MW-37	d	Methylene Chloride	75-09-2	ug/L	8/11/2009	5	n/a	ND	
MW-37	d	Styrene	100-42-5	ug/L	8/11/2009	1	n/a	ND	
MW-37	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	8/11/2009	1	n/a	ND	
MW-37	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	8/11/2009	1	n/a	ND	
MW-37	d	Tetrachloroethene	127-18-4	ug/L	8/11/2009	1	n/a	ND	
MW-37	d	Toluene	108-88-3	ug/L	8/11/2009	1	n/a	ND	
MW-37	d	1,1,1-Trichloroethane	71-55-6	ug/L	8/11/2009	1	n/a	ND	
MW-37	d	1,1,2-Trichloroethane	79-00-5	ug/L	8/11/2009	1	n/a	ND	
MW-37	d	Trichloroethene	79-01-6	ug/L	8/11/2009	1	n/a	ND	
MW-37	d	Trichlorofluoromethane	75-69-4	ug/L	8/11/2009	4	n/a	ND	
MW-37	d	1,2,3-Trichloropropane	96-18-4	ug/L	8/11/2009	1	n/a	ND	
MW-37	d	Vinyl acetate	108-05-4	ug/L	8/11/2009	2	n/a	ND	
MW-37	d	Vinyl chloride	75-01-4	ug/L	8/11/2009	1	n/a	ND	
MW-37	d	Xylenes, total	1330-20-7	ug/L	8/11/2009	3	n/a	ND	
MW-37	d	Methylene Bromide	74-95-3	ug/L	8/11/2009	10	n/a	ND	
MW-35R	u	Antimony	7440-36-0	mg/L	10/2/2009	0.006	n/a	ND	
MW-35R	u	Arsenic	7440-38-2	mg/L	10/2/2009	n/a	n/a		0.0015
MW-35R	u	Barium	7440-39-3	mg/L	10/2/2009	n/a	n/a		0.151
MW-35R	u	Beryllium	7440-41-7	mg/L	10/2/2009	0.001	n/a	ND	
MW-35R	u	Cadmium	7440-43-9	mg/L	10/2/2009	0.0005	n/a	ND	
MW-35R	u	Chromium	7440-47-3	mg/L	10/2/2009	0.02	n/a	ND	
MW-35R	u	Cobalt	7440-48-4	mg/L	10/2/2009	0.02	n/a	ND	
MW-35R	u	Copper	7440-50-8	mg/L	10/2/2009	0.02	n/a	ND	
MW-35R	u	Lead	7439-92-1	mg/L	10/2/2009	n/a	n/a		0.00426
MW-35R	u	Nickel	7440-02-0	mg/L	10/2/2009	0.05	n/a	ND	
MW-35R	u	Selenium	7782-49-2	mg/L	10/2/2009	0.005	n/a	ND	
MW-35R	u	Silver	7440-22-4	mg/L	10/2/2009	0.02	n/a	ND	
MW-35R	u	Thallium	7440-28-0	mg/L	10/2/2009	0.002	n/a	ND	
MW-35R	u	Vanadium	7440-62-2	mg/L	10/2/2009	0.05	n/a	ND	
MW-35R	u	Zinc	7440-66-6	mg/L	10/2/2009	n/a	n/a		0.0207
MW-35R	u	Acetone	67-64-1	ug/L	10/2/2009	10	n/a	ND	
MW-35R	u	Acrylonitrile	107-13-1	ug/L	10/2/2009	10	n/a	ND	
MW-35R	u	Benzene	71-43-2	ug/L	10/2/2009	0.5	n/a	ND	
MW-35R	u	Bromochloromethane	74-97-5	ug/L	10/2/2009	5	n/a	ND	
MW-35R	u	Bromodichloromethane	75-27-4	ug/L	10/2/2009	1	n/a	ND	
MW-35R	u	Bromoform	75-25-2	ug/L	10/2/2009	5	n/a	ND	
MW-35R	u	Carbon disulfide	75-15-0	ug/L	10/2/2009	1	n/a	ND	
MW-35R	u	Carbon Tetrachloride	56-23-5	ug/L	10/2/2009	2	n/a	ND	
MW-35R	u	Chlorobenzene	108-90-7	ug/L	10/2/2009	1	n/a	ND	
MW-35R	u	Chloroethane	75-00-3	ug/L	10/2/2009	4	n/a	ND	
MW-35R	u	Chloroform	67-66-3	ug/L	10/2/2009	1	n/a	ND	
MW-35R	u	Chlorodibromomethane	124-48-1	ug/L	10/2/2009	5	n/a	ND	
MW-35R	u	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	10/2/2009	0.498	n/a	ND	
MW-35R	u	1,2-Dibromoethane [EDB]	106-93-4	ug/L	10/2/2009	0.255	n/a	ND	
MW-35R	u	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	10/2/2009	10	n/a	ND	
MW-35R	u	1,1-Dichloroethane	75-34-3	ug/L	10/2/2009	1	n/a	ND	
MW-35R	u	1,2-Dichloroethane	107-06-2	ug/L	10/2/2009	1	n/a	ND	
MW-35R	u	1,1-Dichloroethene	75-35-4	ug/L	10/2/2009	2	n/a	ND	
MW-35R	u	cis-1,2-Dichloroethene	156-59-2	ug/L	10/2/2009	1	n/a	ND	
MW-35R	u	trans-1,2-Dichloroethene	156-60-5	ug/L	10/2/2009	1	n/a	ND	
MW-35R	u	1,2-Dichloropropane	78-87-5	ug/L	10/2/2009	1	n/a	ND	
MW-35R	u	cis-1,3-Dichloropropene	10061-01-5	ug/L	10/2/2009	5	n/a	ND	

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Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-35R	u	trans-1,3-Dichloropropene	10061-02-6	ug/L	10/2/2009	5	n/a	ND	
MW-35R	u	1,2-Dichlorobenzene	95-50-1	ug/L	10/2/2009	1	n/a	ND	
MW-35R	u	1,4-Dichlorobenzene	106-46-7	ug/L	10/2/2009	1	n/a	ND	
MW-35R	u	Ethylbenzene	100-41-4	ug/L	10/2/2009	1	n/a	ND	
MW-35R	u	2-Hexanone	591-78-6	ug/L	10/2/2009	10	n/a	ND	
MW-35R	u	Bromomethane	74-83-9	ug/L	10/2/2009	4	n/a	ND	
MW-35R	u	Chloromethane	74-87-3	ug/L	10/2/2009	3	n/a	ND	
MW-35R	u	2-Butanone	78-93-3	ug/L	10/2/2009	10	n/a	ND	
MW-35R	u	Iodomethane	74-88-4	ug/L	10/2/2009	20	n/a	ND	
MW-35R	u	4-Methyl-2-pentanone	108-10-1	ug/L	10/2/2009	10	n/a	ND	
MW-35R	u	Methylene Chloride	75-09-2	ug/L	10/2/2009	5	n/a	ND	
MW-35R	u	Styrene	100-42-5	ug/L	10/2/2009	1	n/a	ND	
MW-35R	u	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	10/2/2009	1	n/a	ND	
MW-35R	u	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	10/2/2009	1	n/a	ND	
MW-35R	u	Tetrachloroethene	127-18-4	ug/L	10/2/2009	1	n/a	ND	
MW-35R	u	Toluene	108-88-3	ug/L	10/2/2009	1	n/a	ND	
MW-35R	u	1,1,1-Trichloroethane	71-55-6	ug/L	10/2/2009	1	n/a	ND	
MW-35R	u	1,1,2-Trichloroethane	79-00-5	ug/L	10/2/2009	1	n/a	ND	
MW-35R	u	Trichloroethene	79-01-6	ug/L	10/2/2009	1	n/a	ND	
MW-35R	u	Trichlorofluoromethane	75-69-4	ug/L	10/2/2009	4	n/a	ND	
MW-35R	u	1,2,3-Trichloropropane	96-18-4	ug/L	10/2/2009	1	n/a	ND	
MW-35R	u	Vinyl acetate	108-05-4	ug/L	10/2/2009	2	n/a	ND	
MW-35R	u	Vinyl chloride	75-01-4	ug/L	10/2/2009	1	n/a	ND	
MW-35R	u	Xylenes, total	1330-20-7	ug/L	10/2/2009	3	n/a	ND	
MW-35R	u	Phosphorus	7723-14-0	mg/L	10/2/2009	n/a	n/a		0.778
MW-35R	u	Methylene Bromide	74-95-3	ug/L	10/2/2009	1	n/a	ND	
MW-36	d	Antimony	7440-36-0	mg/L	10/2/2009	0.006	n/a	ND	
MW-36	d	Arsenic	7440-38-2	mg/L	10/2/2009	0.001	n/a	ND	
MW-36	d	Barium	7440-39-3	mg/L	10/2/2009	n/a	n/a		0.125
MW-36	d	Beryllium	7440-41-7	mg/L	10/2/2009	0.001	n/a	ND	
MW-36	d	Cadmium	7440-43-9	mg/L	10/2/2009	0.0005	n/a	ND	
MW-36	d	Chromium	7440-47-3	mg/L	10/2/2009	0.02	n/a	ND	
MW-36	d	Cobalt	7440-48-4	mg/L	10/2/2009	0.02	n/a	ND	
MW-36	d	Copper	7440-50-8	mg/L	10/2/2009	0.02	n/a	ND	
MW-36	d	Lead	7439-92-1	mg/L	10/2/2009	0.004	n/a	ND	
MW-36	d	Nickel	7440-02-0	mg/L	10/2/2009	0.05	n/a	ND	
MW-36	d	Selenium	7782-49-2	mg/L	10/2/2009	0.005	n/a	ND	
MW-36	d	Silver	7440-22-4	mg/L	10/2/2009	0.02	n/a	ND	
MW-36	d	Thallium	7440-28-0	mg/L	10/2/2009	0.002	n/a	ND	
MW-36	d	Vanadium	7440-62-2	mg/L	10/2/2009	0.05	n/a	ND	
MW-36	d	Zinc	7440-66-6	mg/L	10/2/2009	0.02	n/a	ND	
MW-36	d	Acetone	67-64-1	ug/L	10/2/2009	10	n/a	ND	
MW-36	d	Acrylonitrile	107-13-1	ug/L	10/2/2009	10	n/a	ND	
MW-36	d	Benzene	71-43-2	ug/L	10/2/2009	0.5	n/a	ND	
MW-36	d	Bromochloromethane	74-97-5	ug/L	10/2/2009	5	n/a	ND	
MW-36	d	Bromodichloromethane	75-27-4	ug/L	10/2/2009	1	n/a	ND	
MW-36	d	Bromoform	75-25-2	ug/L	10/2/2009	5	n/a	ND	
MW-36	d	Carbon disulfide	75-15-0	ug/L	10/2/2009	1	n/a	ND	
MW-36	d	Carbon Tetrachloride	56-23-5	ug/L	10/2/2009	2	n/a	ND	
MW-36	d	Chlorobenzene	108-90-7	ug/L	10/2/2009	1	n/a	ND	
MW-36	d	Chloroethane	75-00-3	ug/L	10/2/2009	4	n/a	ND	
MW-36	d	Chloroform	67-66-3	ug/L	10/2/2009	1	n/a	ND	
MW-36	d	Chlorodibromomethane	124-48-1	ug/L	10/2/2009	5	n/a	ND	
MW-36	d	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	10/2/2009	0.498	n/a	ND	
MW-36	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	10/2/2009	0.255	n/a	ND	
MW-36	d	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	10/2/2009	10	n/a	ND	
MW-36	d	1,1-Dichloroethane	75-34-3	ug/L	10/2/2009	1	n/a	ND	
MW-36	d	1,2-Dichloroethane	107-06-2	ug/L	10/2/2009	1	n/a	ND	
MW-36	d	1,1-Dichloroethene	75-35-4	ug/L	10/2/2009	2	n/a	ND	
MW-36	d	cis-1,2-Dichloroethene	156-59-2	ug/L	10/2/2009	1	n/a	ND	
MW-36	d	trans-1,2-Dichloroethene	156-60-5	ug/L	10/2/2009	1	n/a	ND	
MW-36	d	1,2-Dichloropropane	78-87-5	ug/L	10/2/2009	1	n/a	ND	
MW-36	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	10/2/2009	5	n/a	ND	
MW-36	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	10/2/2009	5	n/a	ND	

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Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-36	d	1,2-Dichlorobenzene	95-50-1	ug/L	10/2/2009	1	n/a	ND	
MW-36	d	1,4-Dichlorobenzene	106-46-7	ug/L	10/2/2009	1	n/a	ND	
MW-36	d	Ethylbenzene	100-41-4	ug/L	10/2/2009	1	n/a	ND	
MW-36	d	2-Hexanone	591-78-6	ug/L	10/2/2009	10	n/a	ND	
MW-36	d	Bromomethane	74-83-9	ug/L	10/2/2009	4	n/a	ND	
MW-36	d	Chloromethane	74-87-3	ug/L	10/2/2009	3	n/a	ND	
MW-36	d	2-Butanone	78-93-3	ug/L	10/2/2009	10	n/a	ND	
MW-36	d	Iodomethane	74-88-4	ug/L	10/2/2009	20	n/a	ND	
MW-36	d	4-Methyl-2-pentanone	108-10-1	ug/L	10/2/2009	10	n/a	ND	
MW-36	d	Methylene Chloride	75-09-2	ug/L	10/2/2009	5	n/a	ND	
MW-36	d	Styrene	100-42-5	ug/L	10/2/2009	1	n/a	ND	
MW-36	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	10/2/2009	1	n/a	ND	
MW-36	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	10/2/2009	1	n/a	ND	
MW-36	d	Tetrachloroethene	127-18-4	ug/L	10/2/2009	1	n/a	ND	
MW-36	d	Toluene	108-88-3	ug/L	10/2/2009	1	n/a	ND	
MW-36	d	1,1,1-Trichloroethane	71-55-6	ug/L	10/2/2009	1	n/a	ND	
MW-36	d	1,1,2-Trichloroethane	79-00-5	ug/L	10/2/2009	1	n/a	ND	
MW-36	d	Trichloroethene	79-01-6	ug/L	10/2/2009	1	n/a	ND	
MW-36	d	Trichlorofluoromethane	75-69-4	ug/L	10/2/2009	4	n/a	ND	
MW-36	d	1,2,3-Trichloropropane	96-18-4	ug/L	10/2/2009	1	n/a	ND	
MW-36	d	Vinyl acetate	108-05-4	ug/L	10/2/2009	2	n/a	ND	
MW-36	d	Vinyl chloride	75-01-4	ug/L	10/2/2009	1	n/a	ND	
MW-36	d	Xylenes, total	1330-20-7	ug/L	10/2/2009	3	n/a	ND	
MW-36	d	Phosphorus	7723-14-0	mg/L	10/2/2009	0.1	n/a	ND	
MW-36	d	Methylene Bromide	74-95-3	ug/L	10/2/2009	1	n/a	ND	
MW-37	d	Antimony	7440-36-0	mg/L	10/2/2009	0.006	n/a	ND	
MW-37	d	Arsenic	7440-38-2	mg/L	10/2/2009	0.001	n/a	ND	
MW-37	d	Barium	7440-39-3	mg/L	10/2/2009	n/a	n/a		0.0526
MW-37	d	Beryllium	7440-41-7	mg/L	10/2/2009	0.001	n/a	ND	
MW-37	d	Cadmium	7440-43-9	mg/L	10/2/2009	0.0005	n/a	ND	
MW-37	d	Chromium	7440-47-3	mg/L	10/2/2009	0.02	n/a	ND	
MW-37	d	Cobalt	7440-48-4	mg/L	10/2/2009	0.02	n/a	ND	
MW-37	d	Copper	7440-50-8	mg/L	10/2/2009	0.02	n/a	ND	
MW-37	d	Lead	7439-92-1	mg/L	10/2/2009	0.004	n/a	ND	
MW-37	d	Nickel	7440-02-0	mg/L	10/2/2009	0.05	n/a	ND	
MW-37	d	Selenium	7782-49-2	mg/L	10/2/2009	0.005	n/a	ND	
MW-37	d	Silver	7440-22-4	mg/L	10/2/2009	0.02	n/a	ND	
MW-37	d	Thallium	7440-28-0	mg/L	10/2/2009	0.002	n/a	ND	
MW-37	d	Vanadium	7440-62-2	mg/L	10/2/2009	0.05	n/a	ND	
MW-37	d	Zinc	7440-66-6	mg/L	10/2/2009	n/a	n/a		0.0264
MW-37	d	Acetone	67-64-1	ug/L	10/2/2009	10	n/a	ND	
MW-37	d	Acrylonitrile	107-13-1	ug/L	10/2/2009	10	n/a	ND	
MW-37	d	Benzene	71-43-2	ug/L	10/2/2009	0.5	n/a	ND	
MW-37	d	Bromochloromethane	74-97-5	ug/L	10/2/2009	5	n/a	ND	
MW-37	d	Bromodichloromethane	75-27-4	ug/L	10/2/2009	1	n/a	ND	
MW-37	d	Bromoform	75-25-2	ug/L	10/2/2009	5	n/a	ND	
MW-37	d	Carbon disulfide	75-15-0	ug/L	10/2/2009	1	n/a	ND	
MW-37	d	Carbon Tetrachloride	56-23-5	ug/L	10/2/2009	2	n/a	ND	
MW-37	d	Chlorobenzene	108-90-7	ug/L	10/2/2009	1	n/a	ND	
MW-37	d	Chloroethane	75-00-3	ug/L	10/2/2009	4	n/a	ND	
MW-37	d	Chloroform	67-66-3	ug/L	10/2/2009	1	n/a	ND	
MW-37	d	Chlorodibromomethane	124-48-1	ug/L	10/2/2009	5	n/a	ND	
MW-37	d	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	10/2/2009	0.498	n/a	ND	
MW-37	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	10/2/2009	0.255	n/a	ND	
MW-37	d	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	10/2/2009	10	n/a	ND	
MW-37	d	1,1-Dichloroethane	75-34-3	ug/L	10/2/2009	1	n/a	ND	
MW-37	d	1,2-Dichloroethane	107-06-2	ug/L	10/2/2009	1	n/a	ND	
MW-37	d	1,1-Dichloroethene	75-35-4	ug/L	10/2/2009	2	n/a	ND	
MW-37	d	cis-1,2-Dichloroethene	156-59-2	ug/L	10/2/2009	1	n/a	ND	
MW-37	d	trans-1,2-Dichloroethene	156-60-5	ug/L	10/2/2009	1	n/a	ND	
MW-37	d	1,2-Dichloropropane	78-87-5	ug/L	10/2/2009	1	n/a	ND	
MW-37	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	10/2/2009	5	n/a	ND	
MW-37	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	10/2/2009	5	n/a	ND	
MW-37	d	1,2-Dichlorobenzene	95-50-1	ug/L	10/2/2009	1	n/a	ND	

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Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-37	d	1,4-Dichlorobenzene	106-46-7	ug/L	10/2/2009	1	n/a	ND	
MW-37	d	Ethylbenzene	100-41-4	ug/L	10/2/2009	1	n/a	ND	
MW-37	d	2-Hexanone	591-78-6	ug/L	10/2/2009	10	n/a	ND	
MW-37	d	Bromomethane	74-83-9	ug/L	10/2/2009	4	n/a	ND	
MW-37	d	Chloromethane	74-87-3	ug/L	10/2/2009	3	n/a	ND	
MW-37	d	2-Butanone	78-93-3	ug/L	10/2/2009	10	n/a	ND	
MW-37	d	Iodomethane	74-88-4	ug/L	10/2/2009	20	n/a	ND	
MW-37	d	4-Methyl-2-pentanone	108-10-1	ug/L	10/2/2009	1	n/a	ND	
MW-37	d	Methylene Chloride	75-09-2	ug/L	10/2/2009	5	n/a	ND	
MW-37	d	Styrene	100-42-5	ug/L	10/2/2009	1	n/a	ND	
MW-37	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	10/2/2009	1	n/a	ND	
MW-37	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	10/2/2009	1	n/a	ND	
MW-37	d	Tetrachloroethene	127-18-4	ug/L	10/2/2009	1	n/a	ND	
MW-37	d	Toluene	108-88-3	ug/L	10/2/2009	1	n/a	ND	
MW-37	d	1,1,1-Trichloroethane	71-55-6	ug/L	10/2/2009	1	n/a	ND	
MW-37	d	1,1,2-Trichloroethane	79-00-5	ug/L	10/2/2009	1	n/a	ND	
MW-37	d	Trichloroethene	79-01-6	ug/L	10/2/2009	1	n/a	ND	
MW-37	d	Trichlorofluoromethane	75-69-4	ug/L	10/2/2009	4	n/a	ND	
MW-37	d	1,2,3-Trichloropropane	96-18-4	ug/L	10/2/2009	1	n/a	ND	
MW-37	d	Vinyl acetate	108-05-4	ug/L	10/2/2009	2	n/a	ND	
MW-37	d	Vinyl chloride	75-01-4	ug/L	10/2/2009	1	n/a	ND	
MW-37	d	Xylenes, total	1330-20-7	ug/L	10/2/2009	3	n/a	ND	
MW-37	d	Methylene Bromide	74-95-3	ug/L	10/2/2009	10	n/a	ND	
MW-35R	u	Antimony	7440-36-0	mg/L	12/21/2009	0.006	n/a	ND	
MW-35R	u	Arsenic	7440-38-2	mg/L	12/21/2009	n/a	n/a		0.0116
MW-35R	u	Barium	7440-39-3	mg/L	12/21/2009	n/a	n/a		0.407
MW-35R	u	Beryllium	7440-41-7	mg/L	12/21/2009	n/a	n/a		0.00318
MW-35R	u	Cadmium	7440-43-9	mg/L	12/21/2009	n/a	n/a		0.00115
MW-35R	u	Chromium	7440-47-3	mg/L	12/21/2009	0.02	n/a	ND	
MW-35R	u	Cobalt	7440-48-4	mg/L	12/21/2009	0.02	n/a	ND	
MW-35R	u	Copper	7440-50-8	mg/L	12/21/2009	0.02	n/a	ND	
MW-35R	u	Lead	7439-92-1	mg/L	12/21/2009	n/a	n/a		0.0294
MW-35R	u	Nickel	7440-02-0	mg/L	12/21/2009	0.05	n/a	ND	
MW-35R	u	Selenium	7782-49-2	mg/L	12/21/2009	0.005	n/a	ND	
MW-35R	u	Silver	7440-22-4	mg/L	12/21/2009	0.02	n/a	ND	
MW-35R	u	Thallium	7440-28-0	mg/L	12/21/2009	0.002	n/a	ND	
MW-35R	u	Vanadium	7440-62-2	mg/L	12/21/2009	0.05	n/a	ND	
MW-35R	u	Zinc	7440-66-6	mg/L	12/21/2009	n/a	n/a		0.0834
MW-35R	u	Acetone	67-64-1	ug/L	12/21/2009	10	n/a	ND	
MW-35R	u	Acrylonitrile	107-13-1	ug/L	12/21/2009	10	n/a	ND	
MW-35R	u	Benzene	71-43-2	ug/L	12/21/2009	0.5	n/a	ND	
MW-35R	u	Bromochloromethane	74-97-5	ug/L	12/21/2009	5	n/a	ND	
MW-35R	u	Bromodichloromethane	75-27-4	ug/L	12/21/2009	5	n/a	ND	
MW-35R	u	Bromoform	75-25-2	ug/L	12/21/2009	20	n/a	ND	
MW-35R	u	Carbon disulfide	75-15-0	ug/L	12/21/2009	5	n/a	ND	
MW-35R	u	Carbon Tetrachloride	56-23-5	ug/L	12/21/2009	5	n/a	ND	
MW-35R	u	Chlorobenzene	108-90-7	ug/L	12/21/2009	1	n/a	ND	
MW-35R	u	Chloroethane	75-00-3	ug/L	12/21/2009	4	n/a	ND	
MW-35R	u	Chloroform	67-66-3	ug/L	12/21/2009	1	n/a	ND	
MW-35R	u	Chlorodibromomethane	124-48-1	ug/L	12/21/2009	5	n/a	ND	
MW-35R	u	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	12/21/2009	0.498	n/a	ND	
MW-35R	u	1,2-Dibromoethane [EDB]	106-93-4	ug/L	12/21/2009	0.255	n/a	ND	
MW-35R	u	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	12/21/2009	10	n/a	ND	
MW-35R	u	1,1-Dichloroethane	75-34-3	ug/L	12/21/2009	1	n/a	ND	
MW-35R	u	1,2-Dichloroethane	107-06-2	ug/L	12/21/2009	1	n/a	ND	
MW-35R	u	1,1-Dichloroethene	75-35-4	ug/L	12/21/2009	2	n/a	ND	
MW-35R	u	cis-1,2-Dichloroethene	156-59-2	ug/L	12/21/2009	1	n/a	ND	
MW-35R	u	trans-1,2-Dichloroethene	156-60-5	ug/L	12/21/2009	1	n/a	ND	
MW-35R	u	1,2-Dichloropropane	78-87-5	ug/L	12/21/2009	1	n/a	ND	
MW-35R	u	cis-1,3-Dichloropropene	10061-01-5	ug/L	12/21/2009	5	n/a	ND	
MW-35R	u	trans-1,3-Dichloropropene	10061-02-6	ug/L	12/21/2009	20	n/a	ND	
MW-35R	u	1,2-Dichlorobenzene	95-50-1	ug/L	12/21/2009	1	n/a	ND	
MW-35R	u	1,4-Dichlorobenzene	106-46-7	ug/L	12/21/2009	1	n/a	ND	
MW-35R	u	Ethylbenzene	100-41-4	ug/L	12/21/2009	2	n/a	ND	

Table 9B
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Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-35R	u	2-Hexanone	591-78-6	ug/L	12/21/2009	10	n/a	ND	
MW-35R	u	Bromomethane	74-83-9	ug/L	12/21/2009	4	n/a	ND	
MW-35R	u	Chloromethane	74-87-3	ug/L	12/21/2009	3	n/a	ND	
MW-35R	u	2-Butanone	78-93-3	ug/L	12/21/2009	10	n/a	ND	
MW-35R	u	Iodomethane	74-88-4	ug/L	12/21/2009	10	n/a	ND	
MW-35R	u	4-Methyl-2-pentanone	108-10-1	ug/L	12/21/2009	10	n/a	ND	
MW-35R	u	Methylene Chloride	75-09-2	ug/L	12/21/2009	5	n/a	ND	
MW-35R	u	Styrene	100-42-5	ug/L	12/21/2009	5	n/a	ND	
MW-35R	u	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	12/21/2009	1	n/a	ND	
MW-35R	u	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	12/21/2009	1	n/a	ND	
MW-35R	u	Tetrachloroethene	127-18-4	ug/L	12/21/2009	1	n/a	ND	
MW-35R	u	Toluene	108-88-3	ug/L	12/21/2009	1	n/a	ND	
MW-35R	u	1,1,1-Trichloroethane	71-55-6	ug/L	12/21/2009	1	n/a	ND	
MW-35R	u	1,1,2-Trichloroethane	79-00-5	ug/L	12/21/2009	1	n/a	ND	
MW-35R	u	Trichloroethene	79-01-6	ug/L	12/21/2009	1	n/a	ND	
MW-35R	u	Trichlorofluoromethane	75-69-4	ug/L	12/21/2009	4	n/a	ND	
MW-35R	u	1,2,3-Trichloropropane	96-18-4	ug/L	12/21/2009	1	n/a	ND	
MW-35R	u	Vinyl acetate	108-05-4	ug/L	12/21/2009	2	n/a	ND	
MW-35R	u	Vinyl chloride	75-01-4	ug/L	12/21/2009	1	n/a	ND	
MW-35R	u	Xylenes, total	1330-20-7	ug/L	12/21/2009	9	n/a	ND	
MW-35R	u	Methylene Bromide	74-95-3	ug/L	12/21/2009	1	n/a	ND	
MW-36	d	Antimony	7440-36-0	mg/L	12/21/2009	0.006	n/a	ND	
MW-36	d	Arsenic	7440-38-2	mg/L	12/21/2009	0.001	n/a	ND	
MW-36	d	Barium	7440-39-3	mg/L	12/21/2009	n/a	n/a		0.153
MW-36	d	Beryllium	7440-41-7	mg/L	12/21/2009	0.001	n/a	ND	
MW-36	d	Cadmium	7440-43-9	mg/L	12/21/2009	0.0005	n/a	ND	
MW-36	d	Chromium	7440-47-3	mg/L	12/21/2009	0.02	n/a	ND	
MW-36	d	Cobalt	7440-48-4	mg/L	12/21/2009	0.02	n/a	ND	
MW-36	d	Copper	7440-50-8	mg/L	12/21/2009	0.02	n/a	ND	
MW-36	d	Lead	7439-92-1	mg/L	12/21/2009	0.004	n/a	ND	
MW-36	d	Nickel	7440-02-0	mg/L	12/21/2009	0.05	n/a	ND	
MW-36	d	Selenium	7782-49-2	mg/L	12/21/2009	0.005	n/a	ND	
MW-36	d	Silver	7440-22-4	mg/L	12/21/2009	0.02	n/a	ND	
MW-36	d	Thallium	7440-28-0	mg/L	12/21/2009	0.002	n/a	ND	
MW-36	d	Vanadium	7440-62-2	mg/L	12/21/2009	0.05	n/a	ND	
MW-36	d	Zinc	7440-66-6	mg/L	12/21/2009	0.02	n/a	ND	
MW-36	d	Acetone	67-64-1	ug/L	12/21/2009	10	n/a	ND	
MW-36	d	Acrylonitrile	107-13-1	ug/L	12/21/2009	10	n/a	ND	
MW-36	d	Benzene	71-43-2	ug/L	12/21/2009	0.5	n/a	ND	
MW-36	d	Bromochloromethane	74-97-5	ug/L	12/21/2009	5	n/a	ND	
MW-36	d	Bromodichloromethane	75-27-4	ug/L	12/21/2009	5	n/a	ND	
MW-36	d	Bromoform	75-25-2	ug/L	12/21/2009	10	n/a	ND	
MW-36	d	Carbon disulfide	75-15-0	ug/L	12/21/2009	1	n/a	ND	
MW-36	d	Carbon Tetrachloride	56-23-5	ug/L	12/21/2009	2	n/a	ND	
MW-36	d	Chlorobenzene	108-90-7	ug/L	12/21/2009	1	n/a	ND	
MW-36	d	Chloroethane	75-00-3	ug/L	12/21/2009	4	n/a	ND	
MW-36	d	Chloroform	67-66-3	ug/L	12/21/2009	1	n/a	ND	
MW-36	d	Chlorodibromomethane	124-48-1	ug/L	12/21/2009	10	n/a	ND	
MW-36	d	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	12/21/2009	0.498	n/a	ND	
MW-36	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	12/21/2009	0.255	n/a	ND	
MW-36	d	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	12/21/2009	10	n/a	ND	
MW-36	d	1,1-Dichloroethane	75-34-3	ug/L	12/21/2009	1	n/a	ND	
MW-36	d	1,2-Dichloroethane	107-06-2	ug/L	12/21/2009	1	n/a	ND	
MW-36	d	1,1-Dichloroethene	75-35-4	ug/L	12/21/2009	2	n/a	ND	
MW-36	d	cis-1,2-Dichloroethene	156-59-2	ug/L	12/21/2009	1	n/a	ND	
MW-36	d	trans-1,2-Dichloroethene	156-60-5	ug/L	12/21/2009	1	n/a	ND	
MW-36	d	1,2-Dichloropropane	78-87-5	ug/L	12/21/2009	1	n/a	ND	
MW-36	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	12/21/2009	5	n/a	ND	
MW-36	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	12/21/2009	5	n/a	ND	
MW-36	d	1,2-Dichlorobenzene	95-50-1	ug/L	12/21/2009	1	n/a	ND	
MW-36	d	1,4-Dichlorobenzene	106-46-7	ug/L	12/21/2009	1	n/a	ND	
MW-36	d	Ethylbenzene	100-41-4	ug/L	12/21/2009	1	n/a	ND	
MW-36	d	2-Hexanone	591-78-6	ug/L	12/21/2009	10	n/a	ND	
MW-36	d	Bromomethane	74-83-9	ug/L	12/21/2009	4	n/a	ND	

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Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-36	d	Chloromethane	74-87-3	ug/L	12/21/2009	3	n/a	ND	
MW-36	d	2-Butanone	78-93-3	ug/L	12/21/2009	10	n/a	ND	
MW-36	d	Iodomethane	74-88-4	ug/L	12/21/2009	20	n/a	ND	
MW-36	d	4-Methyl-2-pentanone	108-10-1	ug/L	12/21/2009	10	n/a	ND	
MW-36	d	Methylene Chloride	75-09-2	ug/L	12/21/2009	5	n/a	ND	
MW-36	d	Styrene	100-42-5	ug/L	12/21/2009	2	n/a	ND	
MW-36	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	12/21/2009	5	n/a	ND	
MW-36	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	12/21/2009	1	n/a	ND	
MW-36	d	Tetrachloroethene	127-18-4	ug/L	12/21/2009	1	n/a	ND	
MW-36	d	Toluene	108-88-3	ug/L	12/21/2009	1	n/a	ND	
MW-36	d	1,1,1-Trichloroethane	71-55-6	ug/L	12/21/2009	10	n/a	ND	
MW-36	d	1,1,2-Trichloroethane	79-00-5	ug/L	12/21/2009	1	n/a	ND	
MW-36	d	Trichloroethene	79-01-6	ug/L	12/21/2009	1	n/a	ND	
MW-36	d	Trichlorofluoromethane	75-69-4	ug/L	12/21/2009	4	n/a	ND	
MW-36	d	1,2,3-Trichloropropane	96-18-4	ug/L	12/21/2009	1	n/a	ND	
MW-36	d	Vinyl acetate	108-05-4	ug/L	12/21/2009	2	n/a	ND	
MW-36	d	Vinyl chloride	75-01-4	ug/L	12/21/2009	1	n/a	ND	
MW-36	d	Xylenes, total	1330-20-7	ug/L	12/21/2009	6	n/a	ND	
MW-36	d	Methylene Bromide	74-95-3	ug/L	12/21/2009	1	n/a	ND	
MW-37	d	Antimony	7440-36-0	mg/L	12/21/2009	0.006	n/a	ND	
MW-37	d	Arsenic	7440-38-2	mg/L	12/21/2009	0.001	n/a	ND	
MW-37	d	Barium	7440-39-3	mg/L	12/21/2009	n/a	n/a		0.219
MW-37	d	Beryllium	7440-41-7	mg/L	12/21/2009	0.001	n/a	ND	
MW-37	d	Cadmium	7440-43-9	mg/L	12/21/2009	0.0005	n/a	ND	
MW-37	d	Chromium	7440-47-3	mg/L	12/21/2009	0.02	n/a	ND	
MW-37	d	Cobalt	7440-48-4	mg/L	12/21/2009	0.02	n/a	ND	
MW-37	d	Copper	7440-50-8	mg/L	12/21/2009	0.02	n/a	ND	
MW-37	d	Lead	7439-92-1	mg/L	12/21/2009	0.004	n/a	ND	
MW-37	d	Nickel	7440-02-0	mg/L	12/21/2009	0.05	n/a	ND	
MW-37	d	Selenium	7782-49-2	mg/L	12/21/2009	0.005	n/a	ND	
MW-37	d	Silver	7440-22-4	mg/L	12/21/2009	0.02	n/a	ND	
MW-37	d	Thallium	7440-28-0	mg/L	12/21/2009	0.002	n/a	ND	
MW-37	d	Vanadium	7440-62-2	mg/L	12/21/2009	0.05	n/a	ND	
MW-37	d	Zinc	7440-66-6	mg/L	12/21/2009	n/a	n/a		0.0496
MW-37	d	Acetone	67-64-1	ug/L	12/21/2009	10	n/a	ND	
MW-37	d	Acrylonitrile	107-13-1	ug/L	12/21/2009	10	n/a	ND	
MW-37	d	Benzene	71-43-2	ug/L	12/21/2009	0.5	n/a	ND	
MW-37	d	Bromochloromethane	74-97-5	ug/L	12/21/2009	5	n/a	ND	
MW-37	d	Bromodichloromethane	75-27-4	ug/L	12/21/2009	5	n/a	ND	
MW-37	d	Bromoform	75-25-2	ug/L	12/21/2009	10	n/a	ND	
MW-37	d	Carbon disulfide	75-15-0	ug/L	12/21/2009	1	n/a	ND	
MW-37	d	Carbon Tetrachloride	56-23-5	ug/L	12/21/2009	2	n/a	ND	
MW-37	d	Chlorobenzene	108-90-7	ug/L	12/21/2009	1	n/a	ND	
MW-37	d	Chloroethane	75-00-3	ug/L	12/21/2009	4	n/a	ND	
MW-37	d	Chloroform	67-66-3	ug/L	12/21/2009	1	n/a	ND	
MW-37	d	Chlorodibromomethane	124-48-1	ug/L	12/21/2009	10	n/a	ND	
MW-37	d	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	12/21/2009	0.498	n/a	ND	
MW-37	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	12/21/2009	0.255	n/a	ND	
MW-37	d	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	12/21/2009	10	n/a	ND	
MW-37	d	1,1-Dichloroethane	75-34-3	ug/L	12/21/2009	1	n/a	ND	
MW-37	d	1,2-Dichloroethane	107-06-2	ug/L	12/21/2009	1	n/a	ND	
MW-37	d	1,1-Dichloroethene	75-35-4	ug/L	12/21/2009	2	n/a	ND	
MW-37	d	cis-1,2-Dichloroethene	156-59-2	ug/L	12/21/2009	1	n/a	ND	
MW-37	d	trans-1,2-Dichloroethene	156-60-5	ug/L	12/21/2009	1	n/a	ND	
MW-37	d	1,2-Dichloropropane	78-87-5	ug/L	12/21/2009	1	n/a	ND	
MW-37	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	12/21/2009	5	n/a	ND	
MW-37	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	12/21/2009	5	n/a	ND	
MW-37	d	1,2-Dichlorobenzene	95-50-1	ug/L	12/21/2009	1	n/a	ND	
MW-37	d	1,4-Dichlorobenzene	106-46-7	ug/L	12/21/2009	1	n/a	ND	
MW-37	d	Ethylbenzene	100-41-4	ug/L	12/21/2009	1	n/a	ND	
MW-37	d	2-Hexanone	591-78-6	ug/L	12/21/2009	10	n/a	ND	
MW-37	d	Bromomethane	74-83-9	ug/L	12/21/2009	4	n/a	ND	
MW-37	d	Chloromethane	74-87-3	ug/L	12/21/2009	3	n/a	ND	
MW-37	d	2-Butanone	78-93-3	ug/L	12/21/2009	10	n/a	ND	

Table 9B
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Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-37	d	Iodomethane	74-88-4	ug/L	12/21/2009	20	n/a	ND	
MW-37	d	4-Methyl-2-pentanone	108-10-1	ug/L	12/21/2009	1	n/a	ND	
MW-37	d	Methylene Chloride	75-09-2	ug/L	12/21/2009	5	n/a	ND	
MW-37	d	Styrene	100-42-5	ug/L	12/21/2009	2	n/a	ND	
MW-37	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	12/21/2009	5	n/a	ND	
MW-37	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	12/21/2009	1	n/a	ND	
MW-37	d	Tetrachloroethene	127-18-4	ug/L	12/21/2009	1	n/a	ND	
MW-37	d	Toluene	108-88-3	ug/L	12/21/2009	1	n/a	ND	
MW-37	d	1,1,1-Trichloroethane	71-55-6	ug/L	12/21/2009	10	n/a	ND	
MW-37	d	1,1,2-Trichloroethane	79-00-5	ug/L	12/21/2009	1	n/a	ND	
MW-37	d	Trichloroethene	79-01-6	ug/L	12/21/2009	1	n/a	ND	
MW-37	d	Trichlorofluoromethane	75-69-4	ug/L	12/21/2009	4	n/a	ND	
MW-37	d	1,2,3-Trichloropropane	96-18-4	ug/L	12/21/2009	1	n/a	ND	
MW-37	d	Vinyl acetate	108-05-4	ug/L	12/21/2009	2	n/a	ND	
MW-37	d	Vinyl chloride	75-01-4	ug/L	12/21/2009	1	n/a	ND	
MW-37	d	Xylenes, total	1330-20-7	ug/L	12/21/2009	6	n/a	ND	
MW-37	d	Methylene Bromide	74-95-3	ug/L	12/21/2009	10	n/a	ND	
MW-35R	u	Antimony	7440-36-0	mg/L	3/23/2010	0.006	n/a	ND	
MW-35R	u	Arsenic	7440-38-2	mg/L	3/23/2010	n/a	n/a		0.00171
MW-35R	u	Barium	7440-39-3	mg/L	3/23/2010	n/a	n/a		0.232
MW-35R	u	Beryllium	7440-41-7	mg/L	3/23/2010	0.001	n/a	ND	
MW-35R	u	Cadmium	7440-43-9	mg/L	3/23/2010	0.0005	n/a	ND	
MW-35R	u	Chromium	7440-47-3	mg/L	3/23/2010	0.02	n/a	ND	
MW-35R	u	Cobalt	7440-48-4	mg/L	3/23/2010	n/a	n/a	J	0.00903
MW-35R	u	Copper	7440-50-8	mg/L	3/23/2010	0.02	n/a	ND	
MW-35R	u	Lead	7439-92-1	mg/L	3/23/2010	n/a	n/a		0.0064
MW-35R	u	Nickel	7440-02-0	mg/L	3/23/2010	0.05	n/a	ND	
MW-35R	u	Selenium	7782-49-2	mg/L	3/23/2010	0.005	n/a	ND	
MW-35R	u	Silver	7440-22-4	mg/L	3/23/2010	0.02	n/a	ND	
MW-35R	u	Thallium	7440-28-0	mg/L	3/23/2010	0.002	n/a	ND	
MW-35R	u	Vanadium	7440-62-2	mg/L	3/23/2010	0.05	n/a	ND	
MW-35R	u	Zinc	7440-66-6	mg/L	3/23/2010	n/a	n/a		0.0523
MW-35R	u	Acetone	67-64-1	ug/L	3/23/2010	10	n/a	ND	
MW-35R	u	Acrylonitrile	107-13-1	ug/L	3/23/2010	10	n/a	ND	
MW-35R	u	Benzene	71-43-2	ug/L	3/23/2010	0.5	n/a	ND	
MW-35R	u	Bromochloromethane	74-97-5	ug/L	3/23/2010	5	n/a	ND	
MW-35R	u	Bromodichloromethane	75-27-4	ug/L	3/23/2010	1	n/a	ND	
MW-35R	u	Bromoform	75-25-2	ug/L	3/23/2010	5	n/a	ND	
MW-35R	u	Carbon disulfide	75-15-0	ug/L	3/23/2010	2	n/a	ND	
MW-35R	u	Carbon tetrachloride	56-23-5	ug/L	3/23/2010	2	n/a	ND	
MW-35R	u	Chlorobenzene	108-90-7	ug/L	3/23/2010	1	n/a	ND	
MW-35R	u	Chloroethane	75-00-3	ug/L	3/23/2010	4	n/a	ND	
MW-35R	u	Chloroform	67-66-3	ug/L	3/23/2010	1	n/a	ND	
MW-35R	u	Chlorodibromomethane	124-48-1	ug/L	3/23/2010	5	n/a	ND	
MW-35R	u	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	3/23/2010	0.498	n/a	ND	
MW-35R	u	1,2-Dibromoethane [EDB]	106-93-4	ug/L	3/23/2010	0.255	n/a	ND	
MW-35R	u	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	3/23/2010	10	n/a	ND	
MW-35R	u	1,1-Dichloroethane	75-34-3	ug/L	3/23/2010	1	n/a	ND	
MW-35R	u	1,2-Dichloroethane	107-06-2	ug/L	3/23/2010	1	n/a	ND	
MW-35R	u	1,1-Dichloroethene	75-35-4	ug/L	3/23/2010	2	n/a	ND	
MW-35R	u	cis-1,2-Dichloroethene	156-59-2	ug/L	3/23/2010	2	n/a	ND	
MW-35R	u	trans-1,2-Dichloroethene	156-60-5	ug/L	3/23/2010	1	n/a	ND	
MW-35R	u	1,2-Dichloropropane	78-87-5	ug/L	3/23/2010	1	n/a	ND	
MW-35R	u	cis-1,3-Dichloropropene	10061-01-5	ug/L	3/23/2010	5	n/a	ND	
MW-35R	u	trans-1,3-Dichloropropene	10061-02-6	ug/L	3/23/2010	5	n/a	ND	
MW-35R	u	1,2-Dichlorobenzene	95-50-1	ug/L	3/23/2010	1	n/a	ND	
MW-35R	u	1,4-Dichlorobenzene	106-46-7	ug/L	3/23/2010	2	n/a	ND	
MW-35R	u	Ethylbenzene	100-41-4	ug/L	3/23/2010	1	n/a	ND	
MW-35R	u	2-Hexanone	591-78-6	ug/L	3/23/2010	10	n/a	ND	
MW-35R	u	Bromomethane	74-83-9	ug/L	3/23/2010	4	n/a	ND	
MW-35R	u	Chloromethane	74-87-3	ug/L	3/23/2010	3	n/a	ND	
MW-35R	u	2-Butanone	78-93-3	ug/L	3/23/2010	10	n/a	ND	
MW-35R	u	Iodomethane	74-88-4	ug/L	3/23/2010	10	n/a	ND	
MW-35R	u	4-Methyl-2-pentanone	108-10-1	ug/L	3/23/2010	10	n/a	ND	

Table 9B
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Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-35R	u	Methylene Chloride	75-09-2	ug/L	3/23/2010	5	n/a	ND	
MW-35R	u	Styrene	100-42-5	ug/L	3/23/2010	5	n/a	ND	
MW-35R	u	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	3/23/2010	1	n/a	ND	
MW-35R	u	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	3/23/2010	1	n/a	ND	
MW-35R	u	Tetrachloroethene	127-18-4	ug/L	3/23/2010	1	n/a	ND	
MW-35R	u	Toluene	108-88-3	ug/L	3/23/2010	1	n/a	ND	
MW-35R	u	1,1,1-Trichloroethane	71-55-6	ug/L	3/23/2010	1	n/a	ND	
MW-35R	u	1,1,2-Trichloroethane	79-00-5	ug/L	3/23/2010	1	n/a	ND	
MW-35R	u	Trichloroethene	79-01-6	ug/L	3/23/2010	1	n/a	ND	
MW-35R	u	Trichlorofluoromethane	75-69-4	ug/L	3/23/2010	4	n/a	ND	
MW-35R	u	1,2,3-Trichloropropane	96-18-4	ug/L	3/23/2010	1	n/a	ND	
MW-35R	u	Vinyl acetate	108-05-4	ug/L	3/23/2010	2	n/a	ND	
MW-35R	u	Vinyl chloride	75-01-4	ug/L	3/23/2010	1	n/a	ND	
MW-35R	u	Xylenes, total	1330-20-7	ug/L	3/23/2010	3	n/a	ND	
MW-35R	u	Methylene Bromide	74-95-3	ug/L	3/23/2010	2	n/a	ND	
MW-36	d	Antimony	7440-36-0	mg/L	3/23/2010	0.006	n/a	ND	
MW-36	d	Arsenic	7440-38-2	mg/L	3/23/2010	0.001	n/a	ND	
MW-36	d	Barium	7440-39-3	mg/L	3/23/2010	n/a	n/a		0.138
MW-36	d	Beryllium	7440-41-7	mg/L	3/23/2010	0.001	n/a	ND	
MW-36	d	Cadmium	7440-43-9	mg/L	3/23/2010	0.0005	n/a	ND	
MW-36	d	Chromium	7440-47-3	mg/L	3/23/2010	0.02	n/a	ND	
MW-36	d	Cobalt	7440-48-4	mg/L	3/23/2010	0.00155	n/a	ND	
MW-36	d	Copper	7440-50-8	mg/L	3/23/2010	0.02	n/a	ND	
MW-36	d	Lead	7439-92-1	mg/L	3/23/2010	0.004	n/a	ND	
MW-36	d	Nickel	7440-02-0	mg/L	3/23/2010	0.05	n/a	ND	
MW-36	d	Selenium	7782-49-2	mg/L	3/23/2010	0.005	n/a	ND	
MW-36	d	Silver	7440-22-4	mg/L	3/23/2010	0.02	n/a	ND	
MW-36	d	Thallium	7440-28-0	mg/L	3/23/2010	0.002	n/a	ND	
MW-36	d	Vanadium	7440-62-2	mg/L	3/23/2010	0.05	n/a	ND	
MW-36	d	Zinc	7440-66-6	mg/L	3/23/2010	0.02	n/a	ND	
MW-36	d	Acetone	67-64-1	ug/L	3/23/2010	10	n/a	ND	
MW-36	d	Acrylonitrile	107-13-1	ug/L	3/23/2010	10	n/a	ND	
MW-36	d	Benzene	71-43-2	ug/L	3/23/2010	0.5	n/a	ND	
MW-36	d	Bromochloromethane	74-97-5	ug/L	3/23/2010	5	n/a	ND	
MW-36	d	Bromodichloromethane	75-27-4	ug/L	3/23/2010	1	n/a	ND	
MW-36	d	Bromoform	75-25-2	ug/L	3/23/2010	5	n/a	ND	
MW-36	d	Carbon disulfide	75-15-0	ug/L	3/23/2010	2	n/a	ND	
MW-36	d	Carbon Tetrachloride	56-23-5	ug/L	3/23/2010	2	n/a	ND	
MW-36	d	Chlorobenzene	108-90-7	ug/L	3/23/2010	1	n/a	ND	
MW-36	d	Chloroethane	75-00-3	ug/L	3/23/2010	4	n/a	ND	
MW-36	d	Chloroform	67-66-3	ug/L	3/23/2010	1	n/a	ND	
MW-36	d	Chlorodibromomethane	124-48-1	ug/L	3/23/2010	5	n/a	ND	
MW-36	d	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	3/23/2010	0.498	n/a	ND	
MW-36	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	3/23/2010	0.255	n/a	ND	
MW-36	d	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	3/23/2010	10	n/a	ND	
MW-36	d	1,1-Dichloroethane	75-34-3	ug/L	3/23/2010	1	n/a	ND	
MW-36	d	1,2-Dichloroethane	107-06-2	ug/L	3/23/2010	1	n/a	ND	
MW-36	d	1,1-Dichloroethene	75-35-4	ug/L	3/23/2010	2	n/a	ND	
MW-36	d	cis-1,2-Dichloroethene	156-59-2	ug/L	3/23/2010	2	n/a	ND	
MW-36	d	trans-1,2-Dichloroethene	156-60-5	ug/L	3/23/2010	1	n/a	ND	
MW-36	d	1,2-Dichloropropane	78-87-5	ug/L	3/23/2010	1	n/a	ND	
MW-36	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	3/23/2010	5	n/a	ND	
MW-36	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	3/23/2010	5	n/a	ND	
MW-36	d	1,2-Dichlorobenzene	95-50-1	ug/L	3/23/2010	1	n/a	ND	
MW-36	d	1,4-Dichlorobenzene	106-46-7	ug/L	3/23/2010	2	n/a	ND	
MW-36	d	Ethylbenzene	100-41-4	ug/L	3/23/2010	1	n/a	ND	
MW-36	d	2-Hexanone	591-78-6	ug/L	3/23/2010	10	n/a	ND	
MW-36	d	Bromomethane	74-83-9	ug/L	3/23/2010	4	n/a	ND	
MW-36	d	Chloromethane	74-87-3	ug/L	3/23/2010	3	n/a	ND	
MW-36	d	2-Butanone	78-93-3	ug/L	3/23/2010	10	n/a	ND	
MW-36	d	Iodomethane	74-88-4	ug/L	3/23/2010	10	n/a	ND	
MW-36	d	4-Methyl-2-pentanone	108-10-1	ug/L	3/23/2010	10	n/a	ND	
MW-36	d	Methylene Chloride	75-09-2	ug/L	3/23/2010	5	n/a	ND	
MW-36	d	Styrene	100-42-5	ug/L	3/23/2010	5	n/a	ND	

Table 9B
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Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-36	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	3/23/2010	1	n/a	ND	
MW-36	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	3/23/2010	1	n/a	ND	
MW-36	d	Tetrachloroethene	127-18-4	ug/L	3/23/2010	1	n/a	ND	
MW-36	d	Toluene	108-88-3	ug/L	3/23/2010	1	n/a	ND	
MW-36	d	1,1,1-Trichloroethane	71-55-6	ug/L	3/23/2010	1	n/a	ND	
MW-36	d	1,1,2-Trichloroethane	79-00-5	ug/L	3/23/2010	1	n/a	ND	
MW-36	d	Trichloroethene	79-01-6	ug/L	3/23/2010	1	n/a	ND	
MW-36	d	Trichlorofluoromethane	75-69-4	ug/L	3/23/2010	4	n/a	ND	
MW-36	d	1,2,3-Trichloropropane	96-18-4	ug/L	3/23/2010	1	n/a	ND	
MW-36	d	Vinyl acetate	108-05-4	ug/L	3/23/2010	2	n/a	ND	
MW-36	d	Vinyl chloride	75-01-4	ug/L	3/23/2010	1	n/a	ND	
MW-36	d	Xylenes, total	1330-20-7	ug/L	3/23/2010	3	n/a	ND	
MW-36	d	Methylene Bromide	74-95-3	ug/L	3/23/2010	2	n/a	ND	
MW-37	d	Antimony	7440-36-0	mg/L	3/23/2010	0.006	n/a	ND	
MW-37	d	Arsenic	7440-38-2	mg/L	3/23/2010	0.003	n/a	ND	
MW-37	d	Barium	7440-39-3	mg/L	3/23/2010	n/a	n/a		0.231
MW-37	d	Beryllium	7440-41-7	mg/L	3/23/2010	0.001	n/a	ND	
MW-37	d	Cadmium	7440-43-9	mg/L	3/23/2010	0.0005	n/a	ND	
MW-37	d	Chromium	7440-47-3	mg/L	3/23/2010	0.02	n/a	ND	
MW-37	d	Cobalt	7440-48-4	mg/L	3/23/2010	0.00155	n/a	ND	
MW-37	d	Copper	7440-50-8	mg/L	3/23/2010	0.02	n/a	ND	
MW-37	d	Lead	7439-92-1	mg/L	3/23/2010	0.004	n/a	ND	
MW-37	d	Nickel	7440-02-0	mg/L	3/23/2010	0.05	n/a	ND	
MW-37	d	Selenium	7782-49-2	mg/L	3/23/2010	0.005	n/a	ND	
MW-37	d	Silver	7440-22-4	mg/L	3/23/2010	0.02	n/a	ND	
MW-37	d	Thallium	7440-28-0	mg/L	3/23/2010	0.002	n/a	ND	
MW-37	d	Vanadium	7440-62-2	mg/L	3/23/2010	0.05	n/a	ND	
MW-37	d	Zinc	7440-66-6	mg/L	3/23/2010	n/a	n/a		0.0666
MW-37	d	Acetone	67-64-1	ug/L	3/23/2010	10	n/a	ND	
MW-37	d	Acrylonitrile	107-13-1	ug/L	3/23/2010	10	n/a	ND	
MW-37	d	Benzene	71-43-2	ug/L	3/23/2010	0.5	n/a	ND	
MW-37	d	Bromochloromethane	74-97-5	ug/L	3/23/2010	5	n/a	ND	
MW-37	d	Bromodichloromethane	75-27-4	ug/L	3/23/2010	1	n/a	ND	
MW-37	d	Bromoform	75-25-2	ug/L	3/23/2010	5	n/a	ND	
MW-37	d	Carbon disulfide	75-15-0	ug/L	3/23/2010	2	n/a	ND	
MW-37	d	Carbon Tetrachloride	56-23-5	ug/L	3/23/2010	2	n/a	ND	
MW-37	d	Chlorobenzene	108-90-7	ug/L	3/23/2010	1	n/a	ND	
MW-37	d	Chloroethane	75-00-3	ug/L	3/23/2010	4	n/a	ND	
MW-37	d	Chloroform	67-66-3	ug/L	3/23/2010	1	n/a	ND	
MW-37	d	Chlorodibromomethane	124-48-1	ug/L	3/23/2010	5	n/a	ND	
MW-37	d	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	3/23/2010	0.498	n/a	ND	
MW-37	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	3/23/2010	0.255	n/a	ND	
MW-37	d	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	3/23/2010	10	n/a	ND	
MW-37	d	1,1-Dichloroethane	75-34-3	ug/L	3/23/2010	1	n/a	ND	
MW-37	d	1,2-Dichloroethane	107-06-2	ug/L	3/23/2010	1	n/a	ND	
MW-37	d	1,1-Dichloroethene	75-35-4	ug/L	3/23/2010	2	n/a	ND	
MW-37	d	cis-1,2-Dichloroethene	156-59-2	ug/L	3/23/2010	2	n/a	ND	
MW-37	d	trans-1,2-Dichloroethene	156-60-5	ug/L	3/23/2010	1	n/a	ND	
MW-37	d	1,2-Dichloropropane	78-87-5	ug/L	3/23/2010	1	n/a	ND	
MW-37	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	3/23/2010	5	n/a	ND	
MW-37	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	3/23/2010	5	n/a	ND	
MW-37	d	1,2-Dichlorobenzene	95-50-1	ug/L	3/23/2010	1	n/a	ND	
MW-37	d	1,4-Dichlorobenzene	106-46-7	ug/L	3/23/2010	2	n/a	ND	
MW-37	d	Ethylbenzene	100-41-4	ug/L	3/23/2010	1	n/a	ND	
MW-37	d	2-Hexanone	591-78-6	ug/L	3/23/2010	10	n/a	ND	
MW-37	d	Bromomethane	74-83-9	ug/L	3/23/2010	4	n/a	ND	
MW-37	d	Chloromethane	74-87-3	ug/L	3/23/2010	3	n/a	ND	
MW-37	d	2-Butanone	78-93-3	ug/L	3/23/2010	10	n/a	ND	
MW-37	d	Iodomethane	74-88-4	ug/L	3/23/2010	10	n/a	ND	
MW-37	d	4-Methyl-2-pentanone	108-10-1	ug/L	3/23/2010	2	n/a	ND	
MW-37	d	Methylene Chloride	75-09-2	ug/L	3/23/2010	5	n/a	ND	
MW-37	d	Styrene	100-42-5	ug/L	3/23/2010	5	n/a	ND	
MW-37	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	3/23/2010	1	n/a	ND	
MW-37	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	3/23/2010	1	n/a	ND	

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Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-37	d	Tetrachloroethene	127-18-4	ug/L	3/23/2010	1	n/a	ND	
MW-37	d	Toluene	108-88-3	ug/L	3/23/2010	1	n/a	ND	
MW-37	d	1,1,1-Trichloroethane	71-55-6	ug/L	3/23/2010	1	n/a	ND	
MW-37	d	1,1,2-Trichloroethane	79-00-5	ug/L	3/23/2010	1	n/a	ND	
MW-37	d	Trichloroethene	79-01-6	ug/L	3/23/2010	1	n/a	ND	
MW-37	d	Trichlorofluoromethane	75-69-4	ug/L	3/23/2010	4	n/a	ND	
MW-37	d	1,2,3-Trichloropropane	96-18-4	ug/L	3/23/2010	1	n/a	ND	
MW-37	d	Vinyl acetate	108-05-4	ug/L	3/23/2010	2	n/a	ND	
MW-37	d	Vinyl chloride	75-01-4	ug/L	3/23/2010	1	n/a	ND	
MW-37	d	Xylenes, total	1330-20-7	ug/L	3/23/2010	3	n/a	ND	
MW-37	d	Methylene Bromide	74-95-3	ug/L	3/23/2010	10	n/a	ND	
MW-35R	u	Phosphorus	7723-14-0	mg/L	4/8/2010	n/a	n/a		1.62
MW-36	d	Phosphorus	7723-14-0	mg/L	4/8/2010	0.1	n/a	ND	
MW-35R	u	Antimony	7440-36-0	mg/L	6/17/2010	0.006	n/a	ND	
MW-35R	u	Arsenic	7440-38-2	mg/L	6/17/2010	0.001	n/a	ND	
MW-35R	u	Barium	7440-39-3	mg/L	6/17/2010	n/a	n/a		0.172
MW-35R	u	Beryllium	7440-41-7	mg/L	6/17/2010	0.001	n/a	ND	
MW-35R	u	Cadmium	7440-43-9	mg/L	6/17/2010	0.0005	n/a	ND	
MW-35R	u	Chromium	7440-47-3	mg/L	6/17/2010	0.02	n/a	ND	
MW-35R	u	Cobalt	7440-48-4	mg/L	6/17/2010	0.00155	n/a	ND	
MW-35R	u	Copper	7440-50-8	mg/L	6/17/2010	0.02	n/a	ND	
MW-35R	u	Lead	7439-92-1	mg/L	6/17/2010	0.004	n/a	ND	
MW-35R	u	Nickel	7440-02-0	mg/L	6/17/2010	0.05	n/a	ND	
MW-35R	u	Selenium	7782-49-2	mg/L	6/17/2010	0.005	n/a	ND	
MW-35R	u	Silver	7440-22-4	mg/L	6/17/2010	0.02	n/a	ND	
MW-35R	u	Thallium	7440-28-0	mg/L	6/17/2010	0.002	n/a	ND	
MW-35R	u	Vanadium	7440-62-2	mg/L	6/17/2010	0.05	n/a	ND	
MW-35R	u	Zinc	7440-66-6	mg/L	6/17/2010	0.02	n/a	ND	
MW-35R	u	Acetone	67-64-1	ug/L	6/17/2010	10	n/a	ND	
MW-35R	u	Acrylonitrile	107-13-1	ug/L	6/17/2010	10	n/a	ND	
MW-35R	u	Benzene	71-43-2	ug/L	6/17/2010	0.5	n/a	ND	
MW-35R	u	Bromochloromethane	74-97-5	ug/L	6/17/2010	5	n/a	ND	
MW-35R	u	Bromodichloromethane	75-27-4	ug/L	6/17/2010	1	n/a	ND	
MW-35R	u	Bromoform	75-25-2	ug/L	6/17/2010	5	n/a	ND	
MW-35R	u	Carbon disulfide	75-15-0	ug/L	6/17/2010	1	n/a	ND	
MW-35R	u	Carbon Tetrachloride	56-23-5	ug/L	6/17/2010	2	n/a	ND	
MW-35R	u	Chlorobenzene	108-90-7	ug/L	6/17/2010	1	n/a	ND	
MW-35R	u	Chloroethane	75-00-3	ug/L	6/17/2010	4	n/a	ND	
MW-35R	u	Chloroform	67-66-3	ug/L	6/17/2010	1	n/a	ND	
MW-35R	u	Chlorodibromomethane	124-48-1	ug/L	6/17/2010	5	n/a	ND	
MW-35R	u	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	6/17/2010	0.498	n/a	ND	
MW-35R	u	1,2-Dibromoethane [EDB]	106-93-4	ug/L	6/17/2010	0.255	n/a	ND	
MW-35R	u	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	6/17/2010	10	n/a	ND	
MW-35R	u	1,1-Dichloroethane	75-34-3	ug/L	6/17/2010	1	n/a	ND	
MW-35R	u	1,2-Dichloroethane	107-06-2	ug/L	6/17/2010	1	n/a	ND	
MW-35R	u	1,1-Dichloroethene	75-35-4	ug/L	6/17/2010	2	n/a	ND	
MW-35R	u	cis-1,2-Dichloroethene	156-59-2	ug/L	6/17/2010	1	n/a	ND	
MW-35R	u	trans-1,2-Dichloroethene	156-60-5	ug/L	6/17/2010	1	n/a	ND	
MW-35R	u	1,2-Dichloropropane	78-87-5	ug/L	6/17/2010	1	n/a	ND	
MW-35R	u	cis-1,3-Dichloropropene	10061-01-5	ug/L	6/17/2010	5	n/a	ND	
MW-35R	u	trans-1,3-Dichloropropene	10061-02-6	ug/L	6/17/2010	5	n/a	ND	
MW-35R	u	1,2-Dichlorobenzene	95-50-1	ug/L	6/17/2010	1	n/a	ND	
MW-35R	u	1,4-Dichlorobenzene	106-46-7	ug/L	6/17/2010	1	n/a	ND	
MW-35R	u	Ethylbenzene	100-41-4	ug/L	6/17/2010	1	n/a	ND	
MW-35R	u	2-Hexanone	591-78-6	ug/L	6/17/2010	10	n/a	ND	
MW-35R	u	Bromomethane	74-83-9	ug/L	6/17/2010	4	n/a	ND	
MW-35R	u	Chloromethane	74-87-3	ug/L	6/17/2010	3	n/a	ND	
MW-35R	u	2-Butanone	78-93-3	ug/L	6/17/2010	10	n/a	ND	
MW-35R	u	Iodomethane	74-88-4	ug/L	6/17/2010	10	n/a	ND	
MW-35R	u	4-Methyl-2-pentanone	108-10-1	ug/L	6/17/2010	10	n/a	ND	
MW-35R	u	Methylene Chloride	75-09-2	ug/L	6/17/2010	5	n/a	ND	
MW-35R	u	Styrene	100-42-5	ug/L	6/17/2010	1	n/a	ND	
MW-35R	u	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	6/17/2010	1	n/a	ND	
MW-35R	u	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	6/17/2010	1	n/a	ND	

Table 9B
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Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-35R	u	Tetrachloroethene	127-18-4	ug/L	6/17/2010	1	n/a	ND	
MW-35R	u	Toluene	108-88-3	ug/L	6/17/2010	1	n/a	ND	
MW-35R	u	1,1,1-Trichloroethane	71-55-6	ug/L	6/17/2010	1	n/a	ND	
MW-35R	u	1,1,2-Trichloroethane	79-00-5	ug/L	6/17/2010	1	n/a	ND	
MW-35R	u	Trichloroethene	79-01-6	ug/L	6/17/2010	1	n/a	ND	
MW-35R	u	Trichlorofluoromethane	75-69-4	ug/L	6/17/2010	4	n/a	ND	
MW-35R	u	1,2,3-Trichloropropane	96-18-4	ug/L	6/17/2010	1	n/a	ND	
MW-35R	u	Vinyl acetate	108-05-4	ug/L	6/17/2010	2	n/a	ND	
MW-35R	u	Vinyl chloride	75-01-4	ug/L	6/17/2010	1	n/a	ND	
MW-35R	u	Xylenes, total	1330-20-7	ug/L	6/17/2010	3	n/a	ND	
MW-35R	u	Methylene Bromide	74-95-3	ug/L	6/17/2010	1	n/a	ND	
MW-36	d	Antimony	7440-36-0	mg/L	6/17/2010	0.006	n/a	ND	
MW-36	d	Arsenic	7440-38-2	mg/L	6/17/2010	0.001	n/a	ND	
MW-36	d	Barium	7440-39-3	mg/L	6/17/2010	n/a	n/a		0.191
MW-36	d	Beryllium	7440-41-7	mg/L	6/17/2010	0.001	n/a	ND	
MW-36	d	Cadmium	7440-43-9	mg/L	6/17/2010	0.0005	n/a	ND	
MW-36	d	Chromium	7440-47-3	mg/L	6/17/2010	0.02	n/a	ND	
MW-36	d	Cobalt	7440-48-4	mg/L	6/17/2010	0.00155	n/a	ND	
MW-36	d	Copper	7440-50-8	mg/L	6/17/2010	0.02	n/a	ND	
MW-36	d	Lead	7439-92-1	mg/L	6/17/2010	0.004	n/a	ND	
MW-36	d	Nickel	7440-02-0	mg/L	6/17/2010	0.05	n/a	ND	
MW-36	d	Selenium	7782-49-2	mg/L	6/17/2010	0.005	n/a	ND	
MW-36	d	Silver	7440-22-4	mg/L	6/17/2010	0.02	n/a	ND	
MW-36	d	Thallium	7440-28-0	mg/L	6/17/2010	0.002	n/a	ND	
MW-36	d	Vanadium	7440-62-2	mg/L	6/17/2010	0.05	n/a	ND	
MW-36	d	Zinc	7440-66-6	mg/L	6/17/2010	n/a	n/a		0.0231
MW-36	d	Acetone	67-64-1	ug/L	6/17/2010	10	n/a	ND	
MW-36	d	Acrylonitrile	107-13-1	ug/L	6/17/2010	10	n/a	ND	
MW-36	d	Benzene	71-43-2	ug/L	6/17/2010	0.5	n/a	ND	
MW-36	d	Bromochloromethane	74-97-5	ug/L	6/17/2010	5	n/a	ND	
MW-36	d	Bromodichloromethane	75-27-4	ug/L	6/17/2010	1	n/a	ND	
MW-36	d	Bromoform	75-25-2	ug/L	6/17/2010	5	n/a	ND	
MW-36	d	Carbon disulfide	75-15-0	ug/L	6/17/2010	1	n/a	ND	
MW-36	d	Carbon Tetrachloride	56-23-5	ug/L	6/17/2010	2	n/a	ND	
MW-36	d	Chlorobenzene	108-90-7	ug/L	6/17/2010	1	n/a	ND	
MW-36	d	Chloroethane	75-00-3	ug/L	6/17/2010	4	n/a	ND	
MW-36	d	Chloroform	67-66-3	ug/L	6/17/2010	1	n/a	ND	
MW-36	d	Chlorodibromomethane	124-48-1	ug/L	6/17/2010	5	n/a	ND	
MW-36	d	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	6/17/2010	0.498	n/a	ND	
MW-36	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	6/17/2010	0.255	n/a	ND	
MW-36	d	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	6/17/2010	10	n/a	ND	
MW-36	d	1,1-Dichloroethane	75-34-3	ug/L	6/17/2010	1	n/a	ND	
MW-36	d	1,2-Dichloroethane	107-06-2	ug/L	6/17/2010	1	n/a	ND	
MW-36	d	1,1-Dichloroethene	75-35-4	ug/L	6/17/2010	2	n/a	ND	
MW-36	d	cis-1,2-Dichloroethene	156-59-2	ug/L	6/17/2010	1	n/a	ND	
MW-36	d	trans-1,2-Dichloroethene	156-60-5	ug/L	6/17/2010	1	n/a	ND	
MW-36	d	1,2-Dichloropropane	78-87-5	ug/L	6/17/2010	1	n/a	ND	
MW-36	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	6/17/2010	5	n/a	ND	
MW-36	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	6/17/2010	5	n/a	ND	
MW-36	d	1,2-Dichlorobenzene	95-50-1	ug/L	6/17/2010	1	n/a	ND	
MW-36	d	1,4-Dichlorobenzene	106-46-7	ug/L	6/17/2010	1	n/a	ND	
MW-36	d	Ethylbenzene	100-41-4	ug/L	6/17/2010	1	n/a	ND	
MW-36	d	2-Hexanone	591-78-6	ug/L	6/17/2010	10	n/a	ND	
MW-36	d	Bromomethane	74-83-9	ug/L	6/17/2010	4	n/a	ND	
MW-36	d	Chloromethane	74-87-3	ug/L	6/17/2010	3	n/a	ND	
MW-36	d	2-Butanone	78-93-3	ug/L	6/17/2010	10	n/a	ND	
MW-36	d	Iodomethane	74-88-4	ug/L	6/17/2010	10	n/a	ND	
MW-36	d	4-Methyl-2-pentanone	108-10-1	ug/L	6/17/2010	10	n/a	ND	
MW-36	d	Methylene Chloride	75-09-2	ug/L	6/17/2010	5	n/a	ND	
MW-36	d	Styrene	100-42-5	ug/L	6/17/2010	1	n/a	ND	
MW-36	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	6/17/2010	1	n/a	ND	
MW-36	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	6/17/2010	1	n/a	ND	
MW-36	d	Tetrachloroethene	127-18-4	ug/L	6/17/2010	1	n/a	ND	
MW-36	d	Toluene	108-88-3	ug/L	6/17/2010	1	n/a	ND	

Table 9B
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Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-36	d	1,1,1-Trichloroethane	71-55-6	ug/L	6/17/2010	1	n/a	ND	
MW-36	d	1,1,2-Trichloroethane	79-00-5	ug/L	6/17/2010	1	n/a	ND	
MW-36	d	Trichloroethene	79-01-6	ug/L	6/17/2010	1	n/a	ND	
MW-36	d	Trichlorofluoromethane	75-69-4	ug/L	6/17/2010	4	n/a	ND	
MW-36	d	1,2,3-Trichloropropane	96-18-4	ug/L	6/17/2010	1	n/a	ND	
MW-36	d	Vinyl acetate	108-05-4	ug/L	6/17/2010	2	n/a	ND	
MW-36	d	Vinyl chloride	75-01-4	ug/L	6/17/2010	1	n/a	ND	
MW-36	d	Xylenes, total	1330-20-7	ug/L	6/17/2010	3	n/a	ND	
MW-36	d	Methylene Bromide	74-95-3	ug/L	6/17/2010	1	n/a	ND	
MW-37	d	Antimony	7440-36-0	mg/L	6/17/2010	0.006	n/a	ND	
MW-37	d	Arsenic	7440-38-2	mg/L	6/17/2010	0.002	n/a	ND	
MW-37	d	Barium	7440-39-3	mg/L	6/17/2010	n/a	n/a		0.269
MW-37	d	Beryllium	7440-41-7	mg/L	6/17/2010	0.001	n/a	ND	
MW-37	d	Cadmium	7440-43-9	mg/L	6/17/2010	0.0005	n/a	ND	
MW-37	d	Chromium	7440-47-3	mg/L	6/17/2010	0.02	n/a	ND	
MW-37	d	Cobalt	7440-48-4	mg/L	6/17/2010	0.00155	n/a	ND	
MW-37	d	Copper	7440-50-8	mg/L	6/17/2010	0.02	n/a	ND	
MW-37	d	Lead	7439-92-1	mg/L	6/17/2010	0.004	n/a	ND	
MW-37	d	Nickel	7440-02-0	mg/L	6/17/2010	0.05	n/a	ND	
MW-37	d	Selenium	7782-49-2	mg/L	6/17/2010	0.005	n/a	ND	
MW-37	d	Silver	7440-22-4	mg/L	6/17/2010	0.02	n/a	ND	
MW-37	d	Thallium	7440-28-0	mg/L	6/17/2010	0.002	n/a	ND	
MW-37	d	Vanadium	7440-62-2	mg/L	6/17/2010	0.05	n/a	ND	
MW-37	d	Zinc	7440-66-6	mg/L	6/17/2010	n/a	n/a		0.0262
MW-37	d	Acetone	67-64-1	ug/L	6/17/2010	10	n/a	ND	
MW-37	d	Acrylonitrile	107-13-1	ug/L	6/17/2010	10	n/a	ND	
MW-37	d	Benzene	71-43-2	ug/L	6/17/2010	0.5	n/a	ND	
MW-37	d	Bromochloromethane	74-97-5	ug/L	6/17/2010	5	n/a	ND	
MW-37	d	Bromodichloromethane	75-27-4	ug/L	6/17/2010	1	n/a	ND	
MW-37	d	Bromoform	75-25-2	ug/L	6/17/2010	5	n/a	ND	
MW-37	d	Carbon disulfide	75-15-0	ug/L	6/17/2010	1	n/a	ND	
MW-37	d	Carbon Tetrachloride	56-23-5	ug/L	6/17/2010	2	n/a	ND	
MW-37	d	Chlorobenzene	108-90-7	ug/L	6/17/2010	1	n/a	ND	
MW-37	d	Chloroethane	75-00-3	ug/L	6/17/2010	4	n/a	ND	
MW-37	d	Chloroform	67-66-3	ug/L	6/17/2010	1	n/a	ND	
MW-37	d	Chlorodibromomethane	124-48-1	ug/L	6/17/2010	5	n/a	ND	
MW-37	d	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	6/17/2010	0.498	n/a	ND	
MW-37	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	6/17/2010	0.255	n/a	ND	
MW-37	d	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	6/17/2010	10	n/a	ND	
MW-37	d	1,1-Dichloroethane	75-34-3	ug/L	6/17/2010	1	n/a	ND	
MW-37	d	1,2-Dichloroethane	107-06-2	ug/L	6/17/2010	1	n/a	ND	
MW-37	d	1,1-Dichloroethene	75-35-4	ug/L	6/17/2010	2	n/a	ND	
MW-37	d	cis-1,2-Dichloroethene	156-59-2	ug/L	6/17/2010	1	n/a	ND	
MW-37	d	trans-1,2-Dichloroethene	156-60-5	ug/L	6/17/2010	1	n/a	ND	
MW-37	d	1,2-Dichloropropane	78-87-5	ug/L	6/17/2010	1	n/a	ND	
MW-37	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	6/17/2010	5	n/a	ND	
MW-37	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	6/17/2010	5	n/a	ND	
MW-37	d	1,2-Dichlorobenzene	95-50-1	ug/L	6/17/2010	1	n/a	ND	
MW-37	d	1,4-Dichlorobenzene	106-46-7	ug/L	6/17/2010	1	n/a	ND	
MW-37	d	Ethylbenzene	100-41-4	ug/L	6/17/2010	1	n/a	ND	
MW-37	d	2-Hexanone	591-78-6	ug/L	6/17/2010	10	n/a	ND	
MW-37	d	Bromomethane	74-83-9	ug/L	6/17/2010	4	n/a	ND	
MW-37	d	Chloromethane	74-87-3	ug/L	6/17/2010	3	n/a	ND	
MW-37	d	2-Butanone	78-93-3	ug/L	6/17/2010	10	n/a	ND	
MW-37	d	Iodomethane	74-88-4	ug/L	6/17/2010	10	n/a	ND	
MW-37	d	4-Methyl-2-pentanone	108-10-1	ug/L	6/17/2010	10	n/a	ND	
MW-37	d	Methylene Chloride	75-09-2	ug/L	6/17/2010	5	n/a	ND	
MW-37	d	Styrene	100-42-5	ug/L	6/17/2010	1	n/a	ND	
MW-37	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	6/17/2010	1	n/a	ND	
MW-37	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	6/17/2010	1	n/a	ND	
MW-37	d	Tetrachloroethene	127-18-4	ug/L	6/17/2010	1	n/a	ND	
MW-37	d	Toluene	108-88-3	ug/L	6/17/2010	1	n/a	ND	
MW-37	d	1,1,1-Trichloroethane	71-55-6	ug/L	6/17/2010	1	n/a	ND	
MW-37	d	1,1,2-Trichloroethane	79-00-5	ug/L	6/17/2010	1	n/a	ND	

Table 9B
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Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-37	d	Trichloroethene	79-01-6	ug/L	6/17/2010	1	n/a	ND	
MW-37	d	Trichlorofluoromethane	75-69-4	ug/L	6/17/2010	4	n/a	ND	
MW-37	d	1,2,3-Trichloropropane	96-18-4	ug/L	6/17/2010	1	n/a	ND	
MW-37	d	Vinyl acetate	108-05-4	ug/L	6/17/2010	2	n/a	ND	
MW-37	d	Vinyl chloride	75-01-4	ug/L	6/17/2010	1	n/a	ND	
MW-37	d	Xylenes, total	1330-20-7	ug/L	6/17/2010	3	n/a	ND	
MW-37	d	Methylene Bromide	74-95-3	ug/L	6/17/2010	1	n/a	ND	
MW-35R	u	Antimony	7440-36-0	mg/L	9/16/2010	0.006	n/a	ND	
MW-35R	u	Arsenic	7440-38-2	mg/L	9/16/2010	n/a	n/a		0.00105
MW-35R	u	Barium	7440-39-3	mg/L	9/16/2010	n/a	n/a		0.151
MW-35R	u	Beryllium	7440-41-7	mg/L	9/16/2010	0.001	n/a	ND	
MW-35R	u	Cadmium	7440-43-9	mg/L	9/16/2010	0.0005	n/a	ND	
MW-35R	u	Chromium	7440-47-3	mg/L	9/16/2010	0.02	n/a	ND	
MW-35R	u	Cobalt	7440-48-4	mg/L	9/16/2010	0.00155	n/a	ND	
MW-35R	u	Copper	7440-50-8	mg/L	9/16/2010	0.02	n/a	ND	
MW-35R	u	Lead	7439-92-1	mg/L	9/16/2010	0.004	n/a	ND	
MW-35R	u	Nickel	7440-02-0	mg/L	9/16/2010	0.05	n/a	ND	
MW-35R	u	Selenium	7782-49-2	mg/L	9/16/2010	0.005	n/a	ND	
MW-35R	u	Silver	7440-22-4	mg/L	9/16/2010	0.02	n/a	ND	
MW-35R	u	Thallium	7440-28-0	mg/L	9/16/2010	0.002	n/a	ND	
MW-35R	u	Vanadium	7440-62-2	mg/L	9/16/2010	0.05	n/a	ND	
MW-35R	u	Zinc	7440-66-6	mg/L	9/16/2010	n/a	n/a		0.025
MW-35R	u	Acetone	67-64-1	ug/L	9/16/2010	10	n/a	ND	
MW-35R	u	Acrylonitrile	107-13-1	ug/L	9/16/2010	10	n/a	ND	
MW-35R	u	Benzene	71-43-2	ug/L	9/16/2010	0.5	n/a	ND	
MW-35R	u	Bromochloromethane	74-97-5	ug/L	9/16/2010	5	n/a	ND	
MW-35R	u	Bromodichloromethane	75-27-4	ug/L	9/16/2010	1	n/a	ND	
MW-35R	u	Bromoform	75-25-2	ug/L	9/16/2010	5	n/a	ND	
MW-35R	u	Carbon disulfide	75-15-0	ug/L	9/16/2010	4	n/a	ND	
MW-35R	u	Carbon Tetrachloride	56-23-5	ug/L	9/16/2010	5	n/a	ND	
MW-35R	u	Chlorobenzene	108-90-7	ug/L	9/16/2010	1	n/a	ND	
MW-35R	u	Chloroethane	75-00-3	ug/L	9/16/2010	4	n/a	ND	
MW-35R	u	Chloroform	67-66-3	ug/L	9/16/2010	1	n/a	ND	
MW-35R	u	Chlorodibromomethane	124-48-1	ug/L	9/16/2010	10	n/a	ND	
MW-35R	u	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	9/16/2010	0.498	n/a	ND	
MW-35R	u	1,2-Dibromoethane [EDB]	106-93-4	ug/L	9/16/2010	0.255	n/a	ND	
MW-35R	u	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	9/16/2010	10	n/a	ND	
MW-35R	u	1,1-Dichloroethane	75-34-3	ug/L	9/16/2010	1	n/a	ND	
MW-35R	u	1,2-Dichloroethane	107-06-2	ug/L	9/16/2010	1	n/a	ND	
MW-35R	u	1,1-Dichloroethene	75-35-4	ug/L	9/16/2010	2	n/a	ND	
MW-35R	u	cis-1,2-Dichloroethene	156-59-2	ug/L	9/16/2010	1	n/a	ND	
MW-35R	u	trans-1,2-Dichloroethene	156-60-5	ug/L	9/16/2010	1	n/a	ND	
MW-35R	u	1,2-Dichloropropane	78-87-5	ug/L	9/16/2010	1	n/a	ND	
MW-35R	u	cis-1,3-Dichloropropene	10061-01-5	ug/L	9/16/2010	10	n/a	ND	
MW-35R	u	trans-1,3-Dichloropropene	10061-02-6	ug/L	9/16/2010	10	n/a	ND	
MW-35R	u	1,2-Dichlorobenzene	95-50-1	ug/L	9/16/2010	1	n/a	ND	
MW-35R	u	1,4-Dichlorobenzene	106-46-7	ug/L	9/16/2010	1	n/a	ND	
MW-35R	u	Ethylbenzene	100-41-4	ug/L	9/16/2010	1	n/a	ND	
MW-35R	u	2-Hexanone	591-78-6	ug/L	9/16/2010	10	n/a	ND	
MW-35R	u	Bromomethane	74-83-9	ug/L	9/16/2010	4	n/a	ND	
MW-35R	u	Chloromethane	74-87-3	ug/L	9/16/2010	3	n/a	ND	
MW-35R	u	2-Butanone	78-93-3	ug/L	9/16/2010	10	n/a	ND	
MW-35R	u	Iodomethane	74-88-4	ug/L	9/16/2010	10	n/a	ND	
MW-35R	u	4-Methyl-2-pentanone	108-10-1	ug/L	9/16/2010	10	n/a	ND	
MW-35R	u	Methylene Chloride	75-09-2	ug/L	9/16/2010	5	n/a	ND	
MW-35R	u	Styrene	100-42-5	ug/L	9/16/2010	4	n/a	ND	
MW-35R	u	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	9/16/2010	1	n/a	ND	
MW-35R	u	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	9/16/2010	1	n/a	ND	
MW-35R	u	Tetrachloroethene	127-18-4	ug/L	9/16/2010	1	n/a	ND	
MW-35R	u	Toluene	108-88-3	ug/L	9/16/2010	1	n/a	ND	
MW-35R	u	1,1,1-Trichloroethane	71-55-6	ug/L	9/16/2010	1	n/a	ND	
MW-35R	u	1,1,2-Trichloroethane	79-00-5	ug/L	9/16/2010	1	n/a	ND	
MW-35R	u	Trichloroethene	79-01-6	ug/L	9/16/2010	1	n/a	ND	
MW-35R	u	Trichlorofluoromethane	75-69-4	ug/L	9/16/2010	4	n/a	ND	

Table 9B
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Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-35R	u	1,2,3-Trichloropropane	96-18-4	ug/L	9/16/2010	1	n/a	ND	
MW-35R	u	Vinyl acetate	108-05-4	ug/L	9/16/2010	2	n/a	ND	
MW-35R	u	Vinyl chloride	75-01-4	ug/L	9/16/2010	1	n/a	ND	
MW-35R	u	Xylenes, total	1330-20-7	ug/L	9/16/2010	3	n/a	ND	
MW-35R	u	Methylene Bromide	74-95-3	ug/L	9/16/2010	1	n/a	ND	
MW-36	d	Antimony	7440-36-0	mg/L	9/16/2010	0.006	n/a	ND	
MW-36	d	Arsenic	7440-38-2	mg/L	9/16/2010	0.001	n/a	ND	
MW-36	d	Barium	7440-39-3	mg/L	9/16/2010	n/a	n/a		0.15
MW-36	d	Beryllium	7440-41-7	mg/L	9/16/2010	0.001	n/a	ND	
MW-36	d	Cadmium	7440-43-9	mg/L	9/16/2010	0.0005	n/a	ND	
MW-36	d	Chromium	7440-47-3	mg/L	9/16/2010	0.02	n/a	ND	
MW-36	d	Cobalt	7440-48-4	mg/L	9/16/2010	0.00155	n/a	ND	
MW-36	d	Copper	7440-50-8	mg/L	9/16/2010	0.02	n/a	ND	
MW-36	d	Lead	7439-92-1	mg/L	9/16/2010	0.004	n/a	ND	
MW-36	d	Nickel	7440-02-0	mg/L	9/16/2010	0.05	n/a	ND	
MW-36	d	Selenium	7782-49-2	mg/L	9/16/2010	0.005	n/a	ND	
MW-36	d	Silver	7440-22-4	mg/L	9/16/2010	0.02	n/a	ND	
MW-36	d	Thallium	7440-28-0	mg/L	9/16/2010	0.002	n/a	ND	
MW-36	d	Vanadium	7440-62-2	mg/L	9/16/2010	0.05	n/a	ND	
MW-36	d	Zinc	7440-66-6	mg/L	9/16/2010	0.02	n/a	ND	
MW-36	d	Acetone	67-64-1	ug/L	9/16/2010	10	n/a	ND	
MW-36	d	Acrylonitrile	107-13-1	ug/L	9/16/2010	10	n/a	ND	
MW-36	d	Benzene	71-43-2	ug/L	9/16/2010	0.5	n/a	ND	
MW-36	d	Bromochloromethane	74-97-5	ug/L	9/16/2010	5	n/a	ND	
MW-36	d	Bromodichloromethane	75-27-4	ug/L	9/16/2010	1	n/a	ND	
MW-36	d	Bromoform	75-25-2	ug/L	9/16/2010	5	n/a	ND	
MW-36	d	Carbon disulfide	75-15-0	ug/L	9/16/2010	4	n/a	ND	
MW-36	d	Carbon Tetrachloride	56-23-5	ug/L	9/16/2010	5	n/a	ND	
MW-36	d	Chlorobenzene	108-90-7	ug/L	9/16/2010	1	n/a	ND	
MW-36	d	Chloroethane	75-00-3	ug/L	9/16/2010	4	n/a	ND	
MW-36	d	Chloroform	67-66-3	ug/L	9/16/2010	1	n/a	ND	
MW-36	d	Chlorodibromomethane	124-48-1	ug/L	9/16/2010	10	n/a	ND	
MW-36	d	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	9/16/2010	0.498	n/a	ND	
MW-36	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	9/16/2010	0.255	n/a	ND	
MW-36	d	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	9/16/2010	10	n/a	ND	
MW-36	d	1,1-Dichloroethane	75-34-3	ug/L	9/16/2010	1	n/a	ND	
MW-36	d	1,2-Dichloroethane	107-06-2	ug/L	9/16/2010	1	n/a	ND	
MW-36	d	1,1-Dichloroethene	75-35-4	ug/L	9/16/2010	2	n/a	ND	
MW-36	d	cis-1,2-Dichloroethene	156-59-2	ug/L	9/16/2010	1	n/a	ND	
MW-36	d	trans-1,2-Dichloroethene	156-60-5	ug/L	9/16/2010	1	n/a	ND	
MW-36	d	1,2-Dichloropropane	78-87-5	ug/L	9/16/2010	1	n/a	ND	
MW-36	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	9/16/2010	10	n/a	ND	
MW-36	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	9/16/2010	10	n/a	ND	
MW-36	d	1,2-Dichlorobenzene	95-50-1	ug/L	9/16/2010	1	n/a	ND	
MW-36	d	1,4-Dichlorobenzene	106-46-7	ug/L	9/16/2010	1	n/a	ND	
MW-36	d	Ethylbenzene	100-41-4	ug/L	9/16/2010	1	n/a	ND	
MW-36	d	2-Hexanone	591-78-6	ug/L	9/16/2010	10	n/a	ND	
MW-36	d	Bromomethane	74-83-9	ug/L	9/16/2010	4	n/a	ND	
MW-36	d	Chloromethane	74-87-3	ug/L	9/16/2010	3	n/a	ND	
MW-36	d	2-Butanone	78-93-3	ug/L	9/16/2010	10	n/a	ND	
MW-36	d	Iodomethane	74-88-4	ug/L	9/16/2010	10	n/a	ND	
MW-36	d	4-Methyl-2-pentanone	108-10-1	ug/L	9/16/2010	10	n/a	ND	
MW-36	d	Methylene Chloride	75-09-2	ug/L	9/16/2010	5	n/a	ND	
MW-36	d	Styrene	100-42-5	ug/L	9/16/2010	4	n/a	ND	
MW-36	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	9/16/2010	1	n/a	ND	
MW-36	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	9/16/2010	1	n/a	ND	
MW-36	d	Tetrachloroethene	127-18-4	ug/L	9/16/2010	1	n/a	ND	
MW-36	d	Toluene	108-88-3	ug/L	9/16/2010	1	n/a	ND	
MW-36	d	1,1,1-Trichloroethane	71-55-6	ug/L	9/16/2010	1	n/a	ND	
MW-36	d	1,1,2-Trichloroethane	79-00-5	ug/L	9/16/2010	1	n/a	ND	
MW-36	d	Trichloroethene	79-01-6	ug/L	9/16/2010	1	n/a	ND	
MW-36	d	Trichlorofluoromethane	75-69-4	ug/L	9/16/2010	4	n/a	ND	
MW-36	d	1,2,3-Trichloropropane	96-18-4	ug/L	9/16/2010	1	n/a	ND	
MW-36	d	Vinyl acetate	108-05-4	ug/L	9/16/2010	2	n/a	ND	

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Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-36	d	Vinyl chloride	75-01-4	ug/L	9/16/2010	1	n/a	ND	
MW-36	d	Xylenes, total	1330-20-7	ug/L	9/16/2010	3	n/a	ND	
MW-36	d	Methylene Bromide	74-95-3	ug/L	9/16/2010	1	n/a	ND	
MW-37	d	Antimony	7440-36-0	mg/L	9/16/2010	n/a	n/a		0.0104
MW-37	d	Arsenic	7440-38-2	mg/L	9/16/2010	0.001	n/a	ND	
MW-37	d	Barium	7440-39-3	mg/L	9/16/2010	n/a	n/a		0.123
MW-37	d	Beryllium	7440-41-7	mg/L	9/16/2010	0.001	n/a	ND	
MW-37	d	Cadmium	7440-43-9	mg/L	9/16/2010	0.0005	n/a	ND	
MW-37	d	Chromium	7440-47-3	mg/L	9/16/2010	0.02	n/a	ND	
MW-37	d	Cobalt	7440-48-4	mg/L	9/16/2010	n/a	n/a	J	0.00279
MW-37	d	Copper	7440-50-8	mg/L	9/16/2010	0.02	n/a	ND	
MW-37	d	Lead	7439-92-1	mg/L	9/16/2010	0.004	n/a	ND	
MW-37	d	Nickel	7440-02-0	mg/L	9/16/2010	0.05	n/a	ND	
MW-37	d	Selenium	7782-49-2	mg/L	9/16/2010	0.005	n/a	ND	
MW-37	d	Silver	7440-22-4	mg/L	9/16/2010	0.02	n/a	ND	
MW-37	d	Thallium	7440-28-0	mg/L	9/16/2010	0.002	n/a	ND	
MW-37	d	Vanadium	7440-62-2	mg/L	9/16/2010	0.05	n/a	ND	
MW-37	d	Zinc	7440-66-6	mg/L	9/16/2010	0.02	n/a	ND	
MW-37	d	Acetone	67-64-1	ug/L	9/16/2010	10	n/a	ND	
MW-37	d	Acrylonitrile	107-13-1	ug/L	9/16/2010	10	n/a	ND	
MW-37	d	Benzene	71-43-2	ug/L	9/16/2010	0.5	n/a	ND	
MW-37	d	Bromochloromethane	74-97-5	ug/L	9/16/2010	5	n/a	ND	
MW-37	d	Bromodichloromethane	75-27-4	ug/L	9/16/2010	1	n/a	ND	
MW-37	d	Bromoform	75-25-2	ug/L	9/16/2010	5	n/a	ND	
MW-37	d	Carbon disulfide	75-15-0	ug/L	9/16/2010	4	n/a	ND	
MW-37	d	Carbon Tetrachloride	56-23-5	ug/L	9/16/2010	5	n/a	ND	
MW-37	d	Chlorobenzene	108-90-7	ug/L	9/16/2010	1	n/a	ND	
MW-37	d	Chloroethane	75-00-3	ug/L	9/16/2010	4	n/a	ND	
MW-37	d	Chloroform	67-66-3	ug/L	9/16/2010	1	n/a	ND	
MW-37	d	Chlorodibromomethane	124-48-1	ug/L	9/16/2010	10	n/a	ND	
MW-37	d	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	9/16/2010	0.498	n/a	ND	
MW-37	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	9/16/2010	0.255	n/a	ND	
MW-37	d	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	9/16/2010	10	n/a	ND	
MW-37	d	1,1-Dichloroethane	75-34-3	ug/L	9/16/2010	1	n/a	ND	
MW-37	d	1,2-Dichloroethane	107-06-2	ug/L	9/16/2010	1	n/a	ND	
MW-37	d	1,1-Dichloroethene	75-35-4	ug/L	9/16/2010	2	n/a	ND	
MW-37	d	cis-1,2-Dichloroethene	156-59-2	ug/L	9/16/2010	1	n/a	ND	
MW-37	d	trans-1,2-Dichloroethene	156-60-5	ug/L	9/16/2010	1	n/a	ND	
MW-37	d	1,2-Dichloropropane	78-87-5	ug/L	9/16/2010	1	n/a	ND	
MW-37	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	9/16/2010	10	n/a	ND	
MW-37	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	9/16/2010	10	n/a	ND	
MW-37	d	1,2-Dichlorobenzene	95-50-1	ug/L	9/16/2010	1	n/a	ND	
MW-37	d	1,4-Dichlorobenzene	106-46-7	ug/L	9/16/2010	1	n/a	ND	
MW-37	d	Ethylbenzene	100-41-4	ug/L	9/16/2010	1	n/a	ND	
MW-37	d	2-Hexanone	591-78-6	ug/L	9/16/2010	10	n/a	ND	
MW-37	d	Bromomethane	74-83-9	ug/L	9/16/2010	4	n/a	ND	
MW-37	d	Chloromethane	74-87-3	ug/L	9/16/2010	3	n/a	ND	
MW-37	d	2-Butanone	78-93-3	ug/L	9/16/2010	10	n/a	ND	
MW-37	d	Iodomethane	74-88-4	ug/L	9/16/2010	10	n/a	ND	
MW-37	d	4-Methyl-2-pentanone	108-10-1	ug/L	9/16/2010	10	n/a	ND	
MW-37	d	Methylene Chloride	75-09-2	ug/L	9/16/2010	5	n/a	ND	
MW-37	d	Styrene	100-42-5	ug/L	9/16/2010	4	n/a	ND	
MW-37	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	9/16/2010	1	n/a	ND	
MW-37	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	9/16/2010	1	n/a	ND	
MW-37	d	Tetrachloroethene	127-18-4	ug/L	9/16/2010	1	n/a	ND	
MW-37	d	Toluene	108-88-3	ug/L	9/16/2010	1	n/a	ND	
MW-37	d	1,1,1-Trichloroethane	71-55-6	ug/L	9/16/2010	1	n/a	ND	
MW-37	d	1,1,2-Trichloroethane	79-00-5	ug/L	9/16/2010	1	n/a	ND	
MW-37	d	Trichloroethene	79-01-6	ug/L	9/16/2010	1	n/a	ND	
MW-37	d	Trichlorofluoromethane	75-69-4	ug/L	9/16/2010	4	n/a	ND	
MW-37	d	1,2,3-Trichloropropane	96-18-4	ug/L	9/16/2010	1	n/a	ND	
MW-37	d	Vinyl acetate	108-05-4	ug/L	9/16/2010	2	n/a	ND	
MW-37	d	Vinyl chloride	75-01-4	ug/L	9/16/2010	1	n/a	ND	
MW-37	d	Xylenes, total	1330-20-7	ug/L	9/16/2010	3	n/a	ND	

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Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-37	d	Methylene Bromide	74-95-3	ug/L	9/16/2010	1	n/a	ND	
MW-35R	u	Phosphorus	7723-14-0	mg/L	10/21/2010	n/a	n/a		0.592
MW-36	d	Phosphorus	7723-14-0	mg/L	10/21/2010	0.1	n/a	ND	
MW-37	d	Antimony	7440-36-0	mg/L	12/2/2010	0.006	n/a	ND	
MW-35R	u	Antimony	7440-36-0	mg/L	3/2/2011	0.006	n/a	ND	
MW-35R	u	Arsenic	7440-38-2	mg/L	3/2/2011	n/a	n/a		0.0018
MW-35R	u	Barium	7440-39-3	mg/L	3/2/2011	n/a	n/a		0.202
MW-35R	u	Beryllium	7440-41-7	mg/L	3/2/2011	0.001	n/a	ND	
MW-35R	u	Cadmium	7440-43-9	mg/L	3/2/2011	0.0005	n/a	ND	
MW-35R	u	Chromium	7440-47-3	mg/L	3/2/2011	0.02	n/a	ND	
MW-35R	u	Cobalt	7440-48-4	mg/L	3/2/2011	n/a	n/a		0.0056
MW-35R	u	Copper	7440-50-8	mg/L	3/2/2011	0.02	n/a	ND	
MW-35R	u	Lead	7439-92-1	mg/L	3/2/2011	0.004	n/a	ND	
MW-35R	u	Nickel	7440-02-0	mg/L	3/2/2011	0.05	n/a	ND	
MW-35R	u	Selenium	7782-49-2	mg/L	3/2/2011	0.005	n/a	ND	
MW-35R	u	Silver	7440-22-4	mg/L	3/2/2011	0.02	n/a	ND	
MW-35R	u	Thallium	7440-28-0	mg/L	3/2/2011	0.002	n/a	ND	
MW-35R	u	Vanadium	7440-62-2	mg/L	3/2/2011	0.05	n/a	ND	
MW-35R	u	Zinc	7440-66-6	mg/L	3/2/2011	n/a	n/a		0.0456
MW-35R	u	Acetone	67-64-1	ug/L	3/2/2011	10	n/a	ND	
MW-35R	u	Acrylonitrile	107-13-1	ug/L	3/2/2011	10	n/a	ND	
MW-35R	u	Benzene	71-43-2	ug/L	3/2/2011	0.5	n/a	ND	
MW-35R	u	Bromochloromethane	74-97-5	ug/L	3/2/2011	5	n/a	ND	
MW-35R	u	Bromodichloromethane	75-27-4	ug/L	3/2/2011	1	n/a	ND	
MW-35R	u	Bromoform	75-25-2	ug/L	3/2/2011	5	n/a	ND	
MW-35R	u	Carbon disulfide	75-15-0	ug/L	3/2/2011	1	n/a	ND	
MW-35R	u	Carbon Tetrachloride	56-23-5	ug/L	3/2/2011	2	n/a	ND	
MW-35R	u	Chlorobenzene	108-90-7	ug/L	3/2/2011	1	n/a	ND	
MW-35R	u	Chloroethane	75-00-3	ug/L	3/2/2011	4	n/a	ND	
MW-35R	u	Chloroform	67-66-3	ug/L	3/2/2011	1	n/a	ND	
MW-35R	u	Chlorodibromomethane	124-48-1	ug/L	3/2/2011	5	n/a	ND	
MW-35R	u	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	3/2/2011	0.12	n/a	ND	
MW-35R	u	1,2-Dibromoethane [EDB]	106-93-4	ug/L	3/2/2011	0.13	n/a	ND	
MW-35R	u	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	3/2/2011	10	n/a	ND	
MW-35R	u	1,1-Dichloroethane	75-34-3	ug/L	3/2/2011	1	n/a	ND	
MW-35R	u	1,2-Dichloroethane	107-06-2	ug/L	3/2/2011	1	n/a	ND	
MW-35R	u	1,1-Dichloroethene	75-35-4	ug/L	3/2/2011	2	n/a	ND	
MW-35R	u	cis-1,2-Dichloroethene	156-59-2	ug/L	3/2/2011	1	n/a	ND	
MW-35R	u	trans-1,2-Dichloroethene	156-60-5	ug/L	3/2/2011	1	n/a	ND	
MW-35R	u	1,2-Dichloropropane	78-87-5	ug/L	3/2/2011	1	n/a	ND	
MW-35R	u	cis-1,3-Dichloropropene	10061-01-5	ug/L	3/2/2011	5	n/a	ND	
MW-35R	u	trans-1,3-Dichloropropene	10061-02-6	ug/L	3/2/2011	5	n/a	ND	
MW-35R	u	1,2-Dichlorobenzene	95-50-1	ug/L	3/2/2011	1	n/a	ND	
MW-35R	u	1,4-Dichlorobenzene	106-46-7	ug/L	3/2/2011	1	n/a	ND	
MW-35R	u	Ethylbenzene	100-41-4	ug/L	3/2/2011	1	n/a	ND	
MW-35R	u	2-Hexanone	591-78-6	ug/L	3/2/2011	10	n/a	ND	
MW-35R	u	Bromomethane	74-83-9	ug/L	3/2/2011	4	n/a	ND	
MW-35R	u	Chloromethane	74-87-3	ug/L	3/2/2011	3	n/a	ND	
MW-35R	u	2-Butanone	78-93-3	ug/L	3/2/2011	10	n/a	ND	
MW-35R	u	Iodomethane	74-88-4	ug/L	3/2/2011	10	n/a	ND	
MW-35R	u	4-Methyl-2-pentanone	108-10-1	ug/L	3/2/2011	10	n/a	ND	
MW-35R	u	Methylene Chloride	75-09-2	ug/L	3/2/2011	5	n/a	ND	
MW-35R	u	Styrene	100-42-5	ug/L	3/2/2011	1	n/a	ND	
MW-35R	u	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	3/2/2011	1	n/a	ND	
MW-35R	u	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	3/2/2011	1	n/a	ND	
MW-35R	u	Tetrachloroethene	127-18-4	ug/L	3/2/2011	1	n/a	ND	
MW-35R	u	Toluene	108-88-3	ug/L	3/2/2011	1	n/a	ND	
MW-35R	u	1,1,1-Trichloroethane	71-55-6	ug/L	3/2/2011	1	n/a	ND	
MW-35R	u	1,1,2-Trichloroethane	79-00-5	ug/L	3/2/2011	1	n/a	ND	
MW-35R	u	Trichloroethene	79-01-6	ug/L	3/2/2011	1	n/a	ND	
MW-35R	u	Trichlorofluoromethane	75-69-4	ug/L	3/2/2011	4	n/a	ND	
MW-35R	u	1,2,3-Trichloropropane	96-18-4	ug/L	3/2/2011	1	n/a	ND	
MW-35R	u	Vinyl acetate	108-05-4	ug/L	3/2/2011	2	n/a	ND	
MW-35R	u	Vinyl chloride	75-01-4	ug/L	3/2/2011	1	n/a	ND	

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Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-35R	u	Xylenes, total	1330-20-7	ug/L	3/2/2011	3	n/a	ND	
MW-35R	u	Methylene Bromide	74-95-3	ug/L	3/2/2011	1	n/a	ND	
MW-36	d	Antimony	7440-36-0	mg/L	3/2/2011	0.006	n/a	ND	
MW-36	d	Arsenic	7440-38-2	mg/L	3/2/2011	0.001	n/a	ND	
MW-36	d	Barium	7440-39-3	mg/L	3/2/2011	n/a	n/a		0.156
MW-36	d	Beryllium	7440-41-7	mg/L	3/2/2011	0.001	n/a	ND	
MW-36	d	Cadmium	7440-43-9	mg/L	3/2/2011	0.0005	n/a	ND	
MW-36	d	Chromium	7440-47-3	mg/L	3/2/2011	0.02	n/a	ND	
MW-36	d	Cobalt	7440-48-4	mg/L	3/2/2011	0.00155	n/a	ND	
MW-36	d	Copper	7440-50-8	mg/L	3/2/2011	0.02	n/a	ND	
MW-36	d	Lead	7439-92-1	mg/L	3/2/2011	0.004	n/a	ND	
MW-36	d	Nickel	7440-02-0	mg/L	3/2/2011	0.05	n/a	ND	
MW-36	d	Selenium	7782-49-2	mg/L	3/2/2011	0.005	n/a	ND	
MW-36	d	Silver	7440-22-4	mg/L	3/2/2011	0.02	n/a	ND	
MW-36	d	Thallium	7440-28-0	mg/L	3/2/2011	0.002	n/a	ND	
MW-36	d	Vanadium	7440-62-2	mg/L	3/2/2011	0.05	n/a	ND	
MW-36	d	Zinc	7440-66-6	mg/L	3/2/2011	0.02	n/a	ND	
MW-36	d	Acetone	67-64-1	ug/L	3/2/2011	10	n/a	ND	
MW-36	d	Acrylonitrile	107-13-1	ug/L	3/2/2011	10	n/a	ND	
MW-36	d	Benzene	71-43-2	ug/L	3/2/2011	0.5	n/a	ND	
MW-36	d	Bromochloromethane	74-97-5	ug/L	3/2/2011	5	n/a	ND	
MW-36	d	Bromodichloromethane	75-27-4	ug/L	3/2/2011	1	n/a	ND	
MW-36	d	Bromoform	75-25-2	ug/L	3/2/2011	5	n/a	ND	
MW-36	d	Carbon disulfide	75-15-0	ug/L	3/2/2011	1	n/a	ND	
MW-36	d	Carbon Tetrachloride	56-23-5	ug/L	3/2/2011	2	n/a	ND	
MW-36	d	Chlorobenzene	108-90-7	ug/L	3/2/2011	1	n/a	ND	
MW-36	d	Chloroethane	75-00-3	ug/L	3/2/2011	4	n/a	ND	
MW-36	d	Chloroform	67-66-3	ug/L	3/2/2011	1	n/a	ND	
MW-36	d	Chlorodibromomethane	124-48-1	ug/L	3/2/2011	5	n/a	ND	
MW-36	d	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	3/2/2011	0.12	n/a	ND	
MW-36	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	3/2/2011	0.13	n/a	ND	
MW-36	d	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	3/2/2011	10	n/a	ND	
MW-36	d	1,1-Dichloroethane	75-34-3	ug/L	3/2/2011	1	n/a	ND	
MW-36	d	1,2-Dichloroethane	107-06-2	ug/L	3/2/2011	1	n/a	ND	
MW-36	d	1,1-Dichloroethene	75-35-4	ug/L	3/2/2011	2	n/a	ND	
MW-36	d	cis-1,2-Dichloroethene	156-59-2	ug/L	3/2/2011	1	n/a	ND	
MW-36	d	trans-1,2-Dichloroethene	156-60-5	ug/L	3/2/2011	1	n/a	ND	
MW-36	d	1,2-Dichloropropane	78-87-5	ug/L	3/2/2011	1	n/a	ND	
MW-36	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	3/2/2011	5	n/a	ND	
MW-36	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	3/2/2011	5	n/a	ND	
MW-36	d	1,2-Dichlorobenzene	95-50-1	ug/L	3/2/2011	1	n/a	ND	
MW-36	d	1,4-Dichlorobenzene	106-46-7	ug/L	3/2/2011	1	n/a	ND	
MW-36	d	Ethylbenzene	100-41-4	ug/L	3/2/2011	1	n/a	ND	
MW-36	d	2-Hexanone	591-78-6	ug/L	3/2/2011	10	n/a	ND	
MW-36	d	Bromomethane	74-83-9	ug/L	3/2/2011	4	n/a	ND	
MW-36	d	Chloromethane	74-87-3	ug/L	3/2/2011	3	n/a	ND	
MW-36	d	2-Butanone	78-93-3	ug/L	3/2/2011	10	n/a	ND	
MW-36	d	Iodomethane	74-88-4	ug/L	3/2/2011	10	n/a	ND	
MW-36	d	4-Methyl-2-pentanone	108-10-1	ug/L	3/2/2011	10	n/a	ND	
MW-36	d	Methylene Chloride	75-09-2	ug/L	3/2/2011	5	n/a	ND	
MW-36	d	Styrene	100-42-5	ug/L	3/2/2011	1	n/a	ND	
MW-36	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	3/2/2011	1	n/a	ND	
MW-36	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	3/2/2011	1	n/a	ND	
MW-36	d	Tetrachloroethene	127-18-4	ug/L	3/2/2011	1	n/a	ND	
MW-36	d	Toluene	108-88-3	ug/L	3/2/2011	1	n/a	ND	
MW-36	d	1,1,1-Trichloroethane	71-55-6	ug/L	3/2/2011	1	n/a	ND	
MW-36	d	1,1,2-Trichloroethane	79-00-5	ug/L	3/2/2011	1	n/a	ND	
MW-36	d	Trichloroethene	79-01-6	ug/L	3/2/2011	1	n/a	ND	
MW-36	d	Trichlorofluoromethane	75-69-4	ug/L	3/2/2011	4	n/a	ND	
MW-36	d	1,2,3-Trichloropropane	96-18-4	ug/L	3/2/2011	1	n/a	ND	
MW-36	d	Vinyl acetate	108-05-4	ug/L	3/2/2011	2	n/a	ND	
MW-36	d	Vinyl chloride	75-01-4	ug/L	3/2/2011	1	n/a	ND	
MW-36	d	Xylenes, total	1330-20-7	ug/L	3/2/2011	3	n/a	ND	
MW-36	d	Methylene Bromide	74-95-3	ug/L	3/2/2011	1	n/a	ND	

Table 9B
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Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-37	d	Antimony	7440-36-0	mg/L	3/2/2011	0.006	n/a	ND	
MW-37	d	Arsenic	7440-38-2	mg/L	3/2/2011	0.001	n/a	ND	
MW-37	d	Barium	7440-39-3	mg/L	3/2/2011	n/a	n/a		0.22
MW-37	d	Beryllium	7440-41-7	mg/L	3/2/2011	0.001	n/a	ND	
MW-37	d	Cadmium	7440-43-9	mg/L	3/2/2011	0.0005	n/a	ND	
MW-37	d	Chromium	7440-47-3	mg/L	3/2/2011	0.02	n/a	ND	
MW-37	d	Cobalt	7440-48-4	mg/L	3/2/2011	0.00155	n/a	ND	
MW-37	d	Copper	7440-50-8	mg/L	3/2/2011	0.02	n/a	ND	
MW-37	d	Lead	7439-92-1	mg/L	3/2/2011	0.004	n/a	ND	
MW-37	d	Nickel	7440-02-0	mg/L	3/2/2011	0.05	n/a	ND	
MW-37	d	Selenium	7782-49-2	mg/L	3/2/2011	0.005	n/a	ND	
MW-37	d	Silver	7440-22-4	mg/L	3/2/2011	0.02	n/a	ND	
MW-37	d	Thallium	7440-28-0	mg/L	3/2/2011	0.004	n/a	ND	
MW-37	d	Vanadium	7440-62-2	mg/L	3/2/2011	0.05	n/a	ND	
MW-37	d	Zinc	7440-66-6	mg/L	3/2/2011	0.02	n/a	ND	
MW-37	d	Acetone	67-64-1	ug/L	3/2/2011	10	n/a	ND	
MW-37	d	Acrylonitrile	107-13-1	ug/L	3/2/2011	10	n/a	ND	
MW-37	d	Benzene	71-43-2	ug/L	3/2/2011	0.5	n/a	ND	
MW-37	d	Bromochloromethane	74-97-5	ug/L	3/2/2011	5	n/a	ND	
MW-37	d	Bromodichloromethane	75-27-4	ug/L	3/2/2011	1	n/a	ND	
MW-37	d	Bromoform	75-25-2	ug/L	3/2/2011	5	n/a	ND	
MW-37	d	Carbon disulfide	75-15-0	ug/L	3/2/2011	1	n/a	ND	
MW-37	d	Carbon Tetrachloride	56-23-5	ug/L	3/2/2011	2	n/a	ND	
MW-37	d	Chlorobenzene	108-90-7	ug/L	3/2/2011	1	n/a	ND	
MW-37	d	Chloroethane	75-00-3	ug/L	3/2/2011	4	n/a	ND	
MW-37	d	Chloroform	67-66-3	ug/L	3/2/2011	1	n/a	ND	
MW-37	d	Chlorodibromomethane	124-48-1	ug/L	3/2/2011	5	n/a	ND	
MW-37	d	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	3/2/2011	0.12	n/a	ND	
MW-37	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	3/2/2011	0.13	n/a	ND	
MW-37	d	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	3/2/2011	10	n/a	ND	
MW-37	d	1,1-Dichloroethane	75-34-3	ug/L	3/2/2011	1	n/a	ND	
MW-37	d	1,2-Dichloroethane	107-06-2	ug/L	3/2/2011	1	n/a	ND	
MW-37	d	1,1-Dichloroethene	75-35-4	ug/L	3/2/2011	2	n/a	ND	
MW-37	d	cis-1,2-Dichloroethene	156-59-2	ug/L	3/2/2011	1	n/a	ND	
MW-37	d	trans-1,2-Dichloroethene	156-60-5	ug/L	3/2/2011	1	n/a	ND	
MW-37	d	1,2-Dichloropropane	78-87-5	ug/L	3/2/2011	1	n/a	ND	
MW-37	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	3/2/2011	5	n/a	ND	
MW-37	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	3/2/2011	5	n/a	ND	
MW-37	d	1,2-Dichlorobenzene	95-50-1	ug/L	3/2/2011	1	n/a	ND	
MW-37	d	1,4-Dichlorobenzene	106-46-7	ug/L	3/2/2011	1	n/a	ND	
MW-37	d	Ethylbenzene	100-41-4	ug/L	3/2/2011	1	n/a	ND	
MW-37	d	2-Hexanone	591-78-6	ug/L	3/2/2011	10	n/a	ND	
MW-37	d	Bromomethane	74-83-9	ug/L	3/2/2011	4	n/a	ND	
MW-37	d	Chloromethane	74-87-3	ug/L	3/2/2011	3	n/a	ND	
MW-37	d	2-Butanone	78-93-3	ug/L	3/2/2011	10	n/a	ND	
MW-37	d	Iodomethane	74-88-4	ug/L	3/2/2011	10	n/a	ND	
MW-37	d	4-Methyl-2-pentanone	108-10-1	ug/L	3/2/2011	10	n/a	ND	
MW-37	d	Methylene Chloride	75-09-2	ug/L	3/2/2011	5	n/a	ND	
MW-37	d	Styrene	100-42-5	ug/L	3/2/2011	1	n/a	ND	
MW-37	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	3/2/2011	1	n/a	ND	
MW-37	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	3/2/2011	1	n/a	ND	
MW-37	d	Tetrachloroethene	127-18-4	ug/L	3/2/2011	1	n/a	ND	
MW-37	d	Toluene	108-88-3	ug/L	3/2/2011	1	n/a	ND	
MW-37	d	1,1,1-Trichloroethane	71-55-6	ug/L	3/2/2011	1	n/a	ND	
MW-37	d	1,1,2-Trichloroethane	79-00-5	ug/L	3/2/2011	1	n/a	ND	
MW-37	d	Trichloroethene	79-01-6	ug/L	3/2/2011	1	n/a	ND	
MW-37	d	Trichlorofluoromethane	75-69-4	ug/L	3/2/2011	4	n/a	ND	
MW-37	d	1,2,3-Trichloropropane	96-18-4	ug/L	3/2/2011	1	n/a	ND	
MW-37	d	Vinyl acetate	108-05-4	ug/L	3/2/2011	2	n/a	ND	
MW-37	d	Vinyl chloride	75-01-4	ug/L	3/2/2011	1	n/a	ND	
MW-37	d	Xylenes, total	1330-20-7	ug/L	3/2/2011	3	n/a	ND	
MW-37	d	Methylene Bromide	74-95-3	ug/L	3/2/2011	1	n/a	ND	
MW-36	d	Boron	7440-42-8	mg/L	4/21/2011	n/a	n/a		0.56
MW-36	d	Manganese	7439-96-5	mg/L	4/21/2011	n/a	n/a		0.0555

Table 9B
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Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-36	d	Phosphorus	7723-14-0	mg/L	4/21/2011	0.1	n/a	ND	
MW-35R	u	Cobalt	7440-48-4	mg/L	4/27/2011	n/a	n/a	J	0.00317
MW-35R	u	Cobalt	7440-48-4	mg/L	7/21/2011	n/a	n/a		0.00341
MW-35R	u	Antimony	7440-36-0	mg/L	9/9/2011	0.006	n/a	ND	
MW-35R	u	Arsenic	7440-38-2	mg/L	9/9/2011	0.001	n/a	ND	
MW-35R	u	Barium	7440-39-3	mg/L	9/9/2011	n/a	n/a		0.183
MW-35R	u	Beryllium	7440-41-7	mg/L	9/9/2011	0.001	n/a	ND	
MW-35R	u	Cadmium	7440-43-9	mg/L	9/9/2011	0.0005	n/a	ND	
MW-35R	u	Chromium	7440-47-3	mg/L	9/9/2011	0.02	n/a	ND	
MW-35R	u	Cobalt	7440-48-4	mg/L	9/9/2011	n/a	n/a		0.00211
MW-35R	u	Copper	7440-50-8	mg/L	9/9/2011	0.02	n/a	ND	
MW-35R	u	Lead	7439-92-1	mg/L	9/9/2011	0.004	n/a	ND	
MW-35R	u	Nickel	7440-02-0	mg/L	9/9/2011	0.05	n/a	ND	
MW-35R	u	Selenium	7782-49-2	mg/L	9/9/2011	0.005	n/a	ND	
MW-35R	u	Silver	7440-22-4	mg/L	9/9/2011	0.02	n/a	ND	
MW-35R	u	Thallium	7440-28-0	mg/L	9/9/2011	0.002	n/a	ND	
MW-35R	u	Vanadium	7440-62-2	mg/L	9/9/2011	0.05	n/a	ND	
MW-35R	u	Zinc	7440-66-6	mg/L	9/9/2011	0.02	n/a	ND	
MW-35R	u	Acetone	67-64-1	ug/L	9/9/2011	10	n/a	ND	
MW-35R	u	Acrylonitrile	107-13-1	ug/L	9/9/2011	10	n/a	ND	
MW-35R	u	Benzene	71-43-2	ug/L	9/9/2011	0.5	n/a	ND	
MW-35R	u	Bromochloromethane	74-97-5	ug/L	9/9/2011	5	n/a	ND	
MW-35R	u	Bromodichloromethane	75-27-4	ug/L	9/9/2011	1	n/a	ND	
MW-35R	u	Bromoform	75-25-2	ug/L	9/9/2011	5	n/a	ND	
MW-35R	u	Carbon disulfide	75-15-0	ug/L	9/9/2011	1	n/a	ND	
MW-35R	u	Carbon Tetrachloride	56-23-5	ug/L	9/9/2011	2	n/a	ND	
MW-35R	u	Chlorobenzene	108-90-7	ug/L	9/9/2011	1	n/a	ND	
MW-35R	u	Chloroethane	75-00-3	ug/L	9/9/2011	4	n/a	ND	
MW-35R	u	Chloroform	67-66-3	ug/L	9/9/2011	1	n/a	ND	
MW-35R	u	Chlorodibromomethane	124-48-1	ug/L	9/9/2011	5	n/a	ND	
MW-35R	u	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	9/9/2011	0.12	n/a	ND	
MW-35R	u	1,2-Dibromoethane [EDB]	106-93-4	ug/L	9/9/2011	0.13	n/a	ND	
MW-35R	u	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	9/9/2011	10	n/a	ND	
MW-35R	u	1,1-Dichloroethane	75-34-3	ug/L	9/9/2011	1	n/a	ND	
MW-35R	u	1,2-Dichloroethane	107-06-2	ug/L	9/9/2011	1	n/a	ND	
MW-35R	u	1,1-Dichloroethene	75-35-4	ug/L	9/9/2011	2	n/a	ND	
MW-35R	u	cis-1,2-Dichloroethene	156-59-2	ug/L	9/9/2011	1	n/a	ND	
MW-35R	u	trans-1,2-Dichloroethene	156-60-5	ug/L	9/9/2011	1	n/a	ND	
MW-35R	u	1,2-Dichloropropane	78-87-5	ug/L	9/9/2011	1	n/a	ND	
MW-35R	u	cis-1,3-Dichloropropene	10061-01-5	ug/L	9/9/2011	5	n/a	ND	
MW-35R	u	trans-1,3-Dichloropropene	10061-02-6	ug/L	9/9/2011	5	n/a	ND	
MW-35R	u	1,2-Dichlorobenzene	95-50-1	ug/L	9/9/2011	1	n/a	ND	
MW-35R	u	1,4-Dichlorobenzene	106-46-7	ug/L	9/9/2011	1	n/a	ND	
MW-35R	u	Ethylbenzene	100-41-4	ug/L	9/9/2011	1	n/a	ND	
MW-35R	u	2-Hexanone	591-78-6	ug/L	9/9/2011	10	n/a	ND	
MW-35R	u	Bromomethane	74-83-9	ug/L	9/9/2011	4	n/a	ND	
MW-35R	u	Chloromethane	74-87-3	ug/L	9/9/2011	3	n/a	ND	
MW-35R	u	2-Butanone	78-93-3	ug/L	9/9/2011	10	n/a	ND	
MW-35R	u	Iodomethane	74-88-4	ug/L	9/9/2011	50	n/a	ND	
MW-35R	u	4-Methyl-2-pentanone	108-10-1	ug/L	9/9/2011	10	n/a	ND	
MW-35R	u	Methylene Chloride	75-09-2	ug/L	9/9/2011	5	n/a	ND	
MW-35R	u	Styrene	100-42-5	ug/L	9/9/2011	1	n/a	ND	
MW-35R	u	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	9/9/2011	1	n/a	ND	
MW-35R	u	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	9/9/2011	1	n/a	ND	
MW-35R	u	Tetrachloroethene	127-18-4	ug/L	9/9/2011	1	n/a	ND	
MW-35R	u	Toluene	108-88-3	ug/L	9/9/2011	1	n/a	ND	
MW-35R	u	1,1,1-Trichloroethane	71-55-6	ug/L	9/9/2011	1	n/a	ND	
MW-35R	u	1,1,2-Trichloroethane	79-00-5	ug/L	9/9/2011	1	n/a	ND	
MW-35R	u	Trichloroethene	79-01-6	ug/L	9/9/2011	1	n/a	ND	
MW-35R	u	Trichlorofluoromethane	75-69-4	ug/L	9/9/2011	4	n/a	ND	
MW-35R	u	1,2,3-Trichloropropane	96-18-4	ug/L	9/9/2011	1	n/a	ND	
MW-35R	u	Vinyl acetate	108-05-4	ug/L	9/9/2011	2	n/a	ND	
MW-35R	u	Vinyl chloride	75-01-4	ug/L	9/9/2011	1	n/a	ND	
MW-35R	u	Xylenes, total	1330-20-7	ug/L	9/9/2011	3	n/a	ND	

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Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-35R	u	Methylene Bromide	74-95-3	ug/L	9/9/2011	1	n/a	ND	
MW-36	d	Antimony	7440-36-0	mg/L	9/9/2011	0.006	n/a	ND	
MW-36	d	Arsenic	7440-38-2	mg/L	9/9/2011	0.001	n/a	ND	
MW-36	d	Barium	7440-39-3	mg/L	9/9/2011	n/a	n/a		0.182
MW-36	d	Beryllium	7440-41-7	mg/L	9/9/2011	0.001	n/a	ND	
MW-36	d	Cadmium	7440-43-9	mg/L	9/9/2011	0.0005	n/a	ND	
MW-36	d	Chromium	7440-47-3	mg/L	9/9/2011	0.02	n/a	ND	
MW-36	d	Cobalt	7440-48-4	mg/L	9/9/2011	0.00155	n/a	ND	
MW-36	d	Copper	7440-50-8	mg/L	9/9/2011	0.02	n/a	ND	
MW-36	d	Lead	7439-92-1	mg/L	9/9/2011	0.004	n/a	ND	
MW-36	d	Nickel	7440-02-0	mg/L	9/9/2011	0.05	n/a	ND	
MW-36	d	Selenium	7782-49-2	mg/L	9/9/2011	0.005	n/a	ND	
MW-36	d	Silver	7440-22-4	mg/L	9/9/2011	0.02	n/a	ND	
MW-36	d	Thallium	7440-28-0	mg/L	9/9/2011	0.002	n/a	ND	
MW-36	d	Vanadium	7440-62-2	mg/L	9/9/2011	0.05	n/a	ND	
MW-36	d	Zinc	7440-66-6	mg/L	9/9/2011	0.02	n/a	ND	
MW-36	d	Acetone	67-64-1	ug/L	9/9/2011	10	n/a	ND	
MW-36	d	Acrylonitrile	107-13-1	ug/L	9/9/2011	10	n/a	ND	
MW-36	d	Benzene	71-43-2	ug/L	9/9/2011	0.5	n/a	ND	
MW-36	d	Bromochloromethane	74-97-5	ug/L	9/9/2011	5	n/a	ND	
MW-36	d	Bromodichloromethane	75-27-4	ug/L	9/9/2011	1	n/a	ND	
MW-36	d	Bromoform	75-25-2	ug/L	9/9/2011	5	n/a	ND	
MW-36	d	Carbon disulfide	75-15-0	ug/L	9/9/2011	1	n/a	ND	
MW-36	d	Carbon Tetrachloride	56-23-5	ug/L	9/9/2011	2	n/a	ND	
MW-36	d	Chlorobenzene	108-90-7	ug/L	9/9/2011	1	n/a	ND	
MW-36	d	Chloroethane	75-00-3	ug/L	9/9/2011	4	n/a	ND	
MW-36	d	Chloroform	67-66-3	ug/L	9/9/2011	1	n/a	ND	
MW-36	d	Chlorodibromomethane	124-48-1	ug/L	9/9/2011	5	n/a	ND	
MW-36	d	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	9/9/2011	0.12	n/a	ND	
MW-36	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	9/9/2011	0.13	n/a	ND	
MW-36	d	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	9/9/2011	10	n/a	ND	
MW-36	d	1,1-Dichloroethane	75-34-3	ug/L	9/9/2011	1	n/a	ND	
MW-36	d	1,2-Dichloroethane	107-06-2	ug/L	9/9/2011	1	n/a	ND	
MW-36	d	1,1-Dichloroethene	75-35-4	ug/L	9/9/2011	2	n/a	ND	
MW-36	d	cis-1,2-Dichloroethene	156-59-2	ug/L	9/9/2011	1	n/a	ND	
MW-36	d	trans-1,2-Dichloroethene	156-60-5	ug/L	9/9/2011	1	n/a	ND	
MW-36	d	1,2-Dichloropropane	78-87-5	ug/L	9/9/2011	1	n/a	ND	
MW-36	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	9/9/2011	5	n/a	ND	
MW-36	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	9/9/2011	5	n/a	ND	
MW-36	d	1,2-Dichlorobenzene	95-50-1	ug/L	9/9/2011	1	n/a	ND	
MW-36	d	1,4-Dichlorobenzene	106-46-7	ug/L	9/9/2011	1	n/a	ND	
MW-36	d	Ethylbenzene	100-41-4	ug/L	9/9/2011	1	n/a	ND	
MW-36	d	2-Hexanone	591-78-6	ug/L	9/9/2011	10	n/a	ND	
MW-36	d	Bromomethane	74-83-9	ug/L	9/9/2011	4	n/a	ND	
MW-36	d	Chloromethane	74-87-3	ug/L	9/9/2011	3	n/a	ND	
MW-36	d	2-Butanone	78-93-3	ug/L	9/9/2011	10	n/a	ND	
MW-36	d	Iodomethane	74-88-4	ug/L	9/9/2011	50	n/a	ND	
MW-36	d	4-Methyl-2-pentanone	108-10-1	ug/L	9/9/2011	10	n/a	ND	
MW-36	d	Methylene Chloride	75-09-2	ug/L	9/9/2011	5	n/a	ND	
MW-36	d	Styrene	100-42-5	ug/L	9/9/2011	1	n/a	ND	
MW-36	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	9/9/2011	1	n/a	ND	
MW-36	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	9/9/2011	1	n/a	ND	
MW-36	d	Tetrachloroethene	127-18-4	ug/L	9/9/2011	1	n/a	ND	
MW-36	d	Toluene	108-88-3	ug/L	9/9/2011	1	n/a	ND	
MW-36	d	1,1,1-Trichloroethane	71-55-6	ug/L	9/9/2011	1	n/a	ND	
MW-36	d	1,1,2-Trichloroethane	79-00-5	ug/L	9/9/2011	1	n/a	ND	
MW-36	d	Trichloroethene	79-01-6	ug/L	9/9/2011	1	n/a	ND	
MW-36	d	Trichlorofluoromethane	75-69-4	ug/L	9/9/2011	4	n/a	ND	
MW-36	d	1,2,3-Trichloropropane	96-18-4	ug/L	9/9/2011	1	n/a	ND	
MW-36	d	Vinyl acetate	108-05-4	ug/L	9/9/2011	2	n/a	ND	
MW-36	d	Vinyl chloride	75-01-4	ug/L	9/9/2011	1	n/a	ND	
MW-36	d	Xylenes, total	1330-20-7	ug/L	9/9/2011	3	n/a	ND	
MW-36	d	Methylene Bromide	74-95-3	ug/L	9/9/2011	1	n/a	ND	
MW-37	d	Antimony	7440-36-0	mg/L	9/9/2011	0.006	n/a	ND	

Table 9B
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Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-37	d	Arsenic	7440-38-2	mg/L	9/9/2011	n/a	n/a		0.0012
MW-37	d	Barium	7440-39-3	mg/L	9/9/2011	n/a	n/a		0.0902
MW-37	d	Beryllium	7440-41-7	mg/L	9/9/2011	0.001	n/a	ND	
MW-37	d	Cadmium	7440-43-9	mg/L	9/9/2011	0.0005	n/a	ND	
MW-37	d	Chromium	7440-47-3	mg/L	9/9/2011	0.02	n/a	ND	
MW-37	d	Cobalt	7440-48-4	mg/L	9/9/2011	0.00155	n/a	ND	
MW-37	d	Copper	7440-50-8	mg/L	9/9/2011	0.02	n/a	ND	
MW-37	d	Lead	7439-92-1	mg/L	9/9/2011	0.004	n/a	ND	
MW-37	d	Nickel	7440-02-0	mg/L	9/9/2011	0.05	n/a	ND	
MW-37	d	Selenium	7782-49-2	mg/L	9/9/2011	0.005	n/a	ND	
MW-37	d	Silver	7440-22-4	mg/L	9/9/2011	0.02	n/a	ND	
MW-37	d	Thallium	7440-28-0	mg/L	9/9/2011	0.002	n/a	ND	
MW-37	d	Vanadium	7440-62-2	mg/L	9/9/2011	0.05	n/a	ND	
MW-37	d	Zinc	7440-66-6	mg/L	9/9/2011	0.02	n/a	ND	
MW-37	d	Acetone	67-64-1	ug/L	9/9/2011	10	n/a	ND	
MW-37	d	Acrylonitrile	107-13-1	ug/L	9/9/2011	10	n/a	ND	
MW-37	d	Benzene	71-43-2	ug/L	9/9/2011	0.5	n/a	ND	
MW-37	d	Bromochloromethane	74-97-5	ug/L	9/9/2011	5	n/a	ND	
MW-37	d	Bromodichloromethane	75-27-4	ug/L	9/9/2011	1	n/a	ND	
MW-37	d	Bromoform	75-25-2	ug/L	9/9/2011	5	n/a	ND	
MW-37	d	Carbon disulfide	75-15-0	ug/L	9/9/2011	1	n/a	ND	
MW-37	d	Carbon Tetrachloride	56-23-5	ug/L	9/9/2011	2	n/a	ND	
MW-37	d	Chlorobenzene	108-90-7	ug/L	9/9/2011	1	n/a	ND	
MW-37	d	Chloroethane	75-00-3	ug/L	9/9/2011	4	n/a	ND	
MW-37	d	Chloroform	67-66-3	ug/L	9/9/2011	1	n/a	ND	
MW-37	d	Chlorodibromomethane	124-48-1	ug/L	9/9/2011	5	n/a	ND	
MW-37	d	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	9/9/2011	0.12	n/a	ND	
MW-37	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	9/9/2011	0.13	n/a	ND	
MW-37	d	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	9/9/2011	10	n/a	ND	
MW-37	d	1,1-Dichloroethane	75-34-3	ug/L	9/9/2011	1	n/a	ND	
MW-37	d	1,2-Dichloroethane	107-06-2	ug/L	9/9/2011	1	n/a	ND	
MW-37	d	1,1-Dichloroethene	75-35-4	ug/L	9/9/2011	2	n/a	ND	
MW-37	d	cis-1,2-Dichloroethene	156-59-2	ug/L	9/9/2011	1	n/a	ND	
MW-37	d	trans-1,2-Dichloroethene	156-60-5	ug/L	9/9/2011	1	n/a	ND	
MW-37	d	1,2-Dichloropropane	78-87-5	ug/L	9/9/2011	1	n/a	ND	
MW-37	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	9/9/2011	5	n/a	ND	
MW-37	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	9/9/2011	5	n/a	ND	
MW-37	d	1,2-Dichlorobenzene	95-50-1	ug/L	9/9/2011	1	n/a	ND	
MW-37	d	1,4-Dichlorobenzene	106-46-7	ug/L	9/9/2011	1	n/a	ND	
MW-37	d	Ethylbenzene	100-41-4	ug/L	9/9/2011	1	n/a	ND	
MW-37	d	2-Hexanone	591-78-6	ug/L	9/9/2011	10	n/a	ND	
MW-37	d	Bromomethane	74-83-9	ug/L	9/9/2011	4	n/a	ND	
MW-37	d	Chloromethane	74-87-3	ug/L	9/9/2011	3	n/a	ND	
MW-37	d	2-Butanone	78-93-3	ug/L	9/9/2011	10	n/a	ND	
MW-37	d	Iodomethane	74-88-4	ug/L	9/9/2011	50	n/a	ND	
MW-37	d	4-Methyl-2-pentanone	108-10-1	ug/L	9/9/2011	10	n/a	ND	
MW-37	d	Methylene Chloride	75-09-2	ug/L	9/9/2011	5	n/a	ND	
MW-37	d	Styrene	100-42-5	ug/L	9/9/2011	1	n/a	ND	
MW-37	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	9/9/2011	1	n/a	ND	
MW-37	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	9/9/2011	1	n/a	ND	
MW-37	d	Tetrachloroethene	127-18-4	ug/L	9/9/2011	1	n/a	ND	
MW-37	d	Toluene	108-88-3	ug/L	9/9/2011	1	n/a	ND	
MW-37	d	1,1,1-Trichloroethane	71-55-6	ug/L	9/9/2011	1	n/a	ND	
MW-37	d	1,1,2-Trichloroethane	79-00-5	ug/L	9/9/2011	1	n/a	ND	
MW-37	d	Trichloroethene	79-01-6	ug/L	9/9/2011	1	n/a	ND	
MW-37	d	Trichlorofluoromethane	75-69-4	ug/L	9/9/2011	4	n/a	ND	
MW-37	d	1,2,3-Trichloropropane	96-18-4	ug/L	9/9/2011	1	n/a	ND	
MW-37	d	Vinyl acetate	108-05-4	ug/L	9/9/2011	2	n/a	ND	
MW-37	d	Vinyl chloride	75-01-4	ug/L	9/9/2011	1	n/a	ND	
MW-37	d	Xylenes, total	1330-20-7	ug/L	9/9/2011	3	n/a	ND	
MW-37	d	Methylene Bromide	74-95-3	ug/L	9/9/2011	1	n/a	ND	
MW-35R	u	Boron	7440-42-8	mg/L	10/4/2011	0.1	n/a	ND	
MW-35R	u	Manganese	7439-96-5	mg/L	10/4/2011	n/a	n/a		0.0709
MW-35R	u	Phosphorus	7723-14-0	mg/L	10/4/2011	n/a	n/a		0.672

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Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-36	d	Boron	7440-42-8	mg/L	10/4/2011	n/a	n/a		0.622
MW-36	d	Manganese	7439-96-5	mg/L	10/4/2011	n/a	n/a		0.037
MW-36	d	Phosphorus	7723-14-0	mg/L	10/4/2011	0.1	n/a	ND	
MW-35R	u	Cobalt	7440-48-4	mg/L	1/26/2012	n/a	n/a		0.00562
MW-36	d	Antimony	7440-36-0	mg/L	3/6/2012	0.006	n/a	ND	
MW-36	d	Arsenic	7440-38-2	mg/L	3/6/2012	0.001	n/a	ND	
MW-36	d	Barium	7440-39-3	mg/L	3/6/2012	n/a	n/a		0.192
MW-36	d	Beryllium	7440-41-7	mg/L	3/6/2012	0.001	n/a	ND	
MW-36	d	Cadmium	7440-43-9	mg/L	3/6/2012	0.0005	n/a	ND	
MW-36	d	Chromium	7440-47-3	mg/L	3/6/2012	0.02	n/a	ND	
MW-36	d	Cobalt	7440-48-4	mg/L	3/6/2012	0.00155	n/a	ND	
MW-36	d	Copper	7440-50-8	mg/L	3/6/2012	0.02	n/a	ND	
MW-36	d	Lead	7439-92-1	mg/L	3/6/2012	0.004	n/a	ND	
MW-36	d	Nickel	7440-02-0	mg/L	3/6/2012	0.05	n/a	ND	
MW-36	d	Selenium	7782-49-2	mg/L	3/6/2012	0.005	n/a	ND	
MW-36	d	Silver	7440-22-4	mg/L	3/6/2012	0.02	n/a	ND	
MW-36	d	Thallium	7440-28-0	mg/L	3/6/2012	0.002	n/a	ND	
MW-36	d	Vanadium	7440-62-2	mg/L	3/6/2012	0.05	n/a	ND	
MW-36	d	Zinc	7440-66-6	mg/L	3/6/2012	0.02	n/a	ND	
MW-36	d	Acetone	67-64-1	ug/L	3/6/2012	10	n/a	ND	
MW-36	d	Acrylonitrile	107-13-1	ug/L	3/6/2012	10	n/a	ND	
MW-36	d	Benzene	71-43-2	ug/L	3/6/2012	0.5	n/a	ND	
MW-36	d	Bromochloromethane	74-97-5	ug/L	3/6/2012	5	n/a	ND	
MW-36	d	Bromodichloromethane	75-27-4	ug/L	3/6/2012	1	n/a	ND	
MW-36	d	Bromoform	75-25-2	ug/L	3/6/2012	5	n/a	ND	
MW-36	d	Carbon disulfide	75-15-0	ug/L	3/6/2012	1	n/a	ND	
MW-36	d	Carbon Tetrachloride	56-23-5	ug/L	3/6/2012	2	n/a	ND	
MW-36	d	Chlorobenzene	108-90-7	ug/L	3/6/2012	1	n/a	ND	
MW-36	d	Chloroethane	75-00-3	ug/L	3/6/2012	4	n/a	ND	
MW-36	d	Chloroform	67-66-3	ug/L	3/6/2012	1	n/a	ND	
MW-36	d	Chlorodibromomethane	124-48-1	ug/L	3/6/2012	5	n/a	ND	
MW-36	d	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	3/6/2012	0.12	n/a	ND	
MW-36	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	3/6/2012	0.13	n/a	ND	
MW-36	d	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	3/6/2012	10	n/a	ND	
MW-36	d	1,1-Dichloroethane	75-34-3	ug/L	3/6/2012	1	n/a	ND	
MW-36	d	1,2-Dichloroethane	107-06-2	ug/L	3/6/2012	1	n/a	ND	
MW-36	d	1,1-Dichloroethene	75-35-4	ug/L	3/6/2012	2	n/a	ND	
MW-36	d	cis-1,2-Dichloroethene	156-59-2	ug/L	3/6/2012	1	n/a	ND	
MW-36	d	trans-1,2-Dichloroethene	156-60-5	ug/L	3/6/2012	1	n/a	ND	
MW-36	d	1,2-Dichloropropane	78-87-5	ug/L	3/6/2012	1	n/a	ND	
MW-36	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	3/6/2012	5	n/a	ND	
MW-36	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	3/6/2012	5	n/a	ND	
MW-36	d	1,2-Dichlorobenzene	95-50-1	ug/L	3/6/2012	1	n/a	ND	
MW-36	d	1,4-Dichlorobenzene	106-46-7	ug/L	3/6/2012	1	n/a	ND	
MW-36	d	Ethylbenzene	100-41-4	ug/L	3/6/2012	1	n/a	ND	
MW-36	d	2-Hexanone	591-78-6	ug/L	3/6/2012	10	n/a	ND	
MW-36	d	Bromomethane	74-83-9	ug/L	3/6/2012	4	n/a	ND	
MW-36	d	Chloromethane	74-87-3	ug/L	3/6/2012	3	n/a	ND	
MW-36	d	2-Butanone	78-93-3	ug/L	3/6/2012	10	n/a	ND	
MW-36	d	Iodomethane	74-88-4	ug/L	3/6/2012	10	n/a	ND	
MW-36	d	4-Methyl-2-pentanone	108-10-1	ug/L	3/6/2012	10	n/a	ND	
MW-36	d	Methylene Chloride	75-09-2	ug/L	3/6/2012	5	n/a	ND	
MW-36	d	Styrene	100-42-5	ug/L	3/6/2012	1	n/a	ND	
MW-36	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	3/6/2012	1	n/a	ND	
MW-36	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	3/6/2012	1	n/a	ND	
MW-36	d	Tetrachloroethene	127-18-4	ug/L	3/6/2012	1	n/a	ND	
MW-36	d	Toluene	108-88-3	ug/L	3/6/2012	1	n/a	ND	
MW-36	d	1,1,1-Trichloroethane	71-55-6	ug/L	3/6/2012	1	n/a	ND	
MW-36	d	1,1,2-Trichloroethane	79-00-5	ug/L	3/6/2012	1	n/a	ND	
MW-36	d	Trichloroethene	79-01-6	ug/L	3/6/2012	1	n/a	ND	
MW-36	d	Trichlorofluoromethane	75-69-4	ug/L	3/6/2012	4	n/a	ND	
MW-36	d	1,2,3-Trichloropropane	96-18-4	ug/L	3/6/2012	1	n/a	ND	
MW-36	d	Vinyl acetate	108-05-4	ug/L	3/6/2012	2	n/a	ND	
MW-36	d	Vinyl chloride	75-01-4	ug/L	3/6/2012	1	n/a	ND	

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Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-36	d	Xylenes, total	1330-20-7	ug/L	3/6/2012	3	n/a	ND	
MW-36	d	Methylene Bromide	74-95-3	ug/L	3/6/2012	1	n/a	ND	
MW-36	d	Mercury	7439-97-6	mg/L	3/6/2012	0.0002	n/a	ND	
MW-36	d	Tin	7440-31-5	mg/L	3/6/2012	0.1	n/a	ND	
MW-36	d	Acrolein	107-02-8	ug/L	3/6/2012	10	n/a	ND	
MW-36	d	3-Chloropropene	107-05-1	ug/L	3/6/2012	4	n/a	ND	
MW-36	d	Chloroprene	126-99-8	ug/L	3/6/2012	1	n/a	ND	
MW-36	d	Dichlorodifluoromethane	75-71-8	ug/L	3/6/2012	3	n/a	ND	
MW-36	d	1,3-Dichloropropane	142-28-9	ug/L	3/6/2012	1	n/a	ND	
MW-36	d	2,2-Dichloropropane	594-20-7	ug/L	3/6/2012	4	n/a	ND	
MW-36	d	1,1-Dichloropropene	563-58-6	ug/L	3/6/2012	1	n/a	ND	
MW-36	d	1,3-Dichlorobenzene	541-73-1	ug/L	3/6/2012	1	n/a	ND	
MW-36	d	Ethyl Methacrylate	97-63-2	ug/L	3/6/2012	2	n/a	ND	
MW-36	d	Methacrylonitrile	126-98-7	ug/L	3/6/2012	1	n/a	ND	
MW-36	d	Methyl Methacrylate	80-62-6	ug/L	3/6/2012	2	n/a	ND	
MW-36	d	Naphthalene	91-20-3	ug/L	3/6/2012	5	n/a	ND	
MW-36	d	Propionitrile	107-12-0	ug/L	3/6/2012	10	n/a	ND	
MW-36	d	1,2,4-Trichlorobenzene	120-82-1	ug/L	3/6/2012	5	n/a	ND	
MW-36	d	Acenaphthene	83-32-9	ug/L	3/6/2012	10	n/a	ND	
MW-36	d	Acenaphthylene	208-96-8	ug/L	3/6/2012	10	n/a	ND	
MW-36	d	Acetophenone	98-86-2	ug/L	3/6/2012	10	n/a	ND	
MW-36	d	2-Acetylaminofluorene	53-96-3	ug/L	3/6/2012	10	n/a	ND	
MW-36	d	4-Aminobiphenyl	92-67-1	ug/L	3/6/2012	10	n/a	ND	
MW-36	d	Anthracene	120-12-7	ug/L	3/6/2012	10	n/a	ND	
MW-36	d	Benzo [a] anthracene	56-55-3	ug/L	3/6/2012	10	n/a	ND	
MW-36	d	Benzo [b] fluoranthene	205-99-2	ug/L	3/6/2012	10	n/a	ND	
MW-36	d	Benzo [k] fluoranthene	207-08-9	ug/L	3/6/2012	10	n/a	ND	
MW-36	d	Benzo [g,h,i] perylene	191-24-2	ug/L	3/6/2012	10	n/a	ND	
MW-36	d	Benzo [a] pyrene	50-32-8	ug/L	3/6/2012	10	n/a	ND	
MW-36	d	Benzyl alcohol	100-51-6	ug/L	3/6/2012	10	n/a	ND	
MW-36	d	Bis[2-chloroethoxy]methane	111-91-1	ug/L	3/6/2012	10	n/a	ND	
MW-36	d	Bis[2-chloroethyl]ether	111-44-4	ug/L	3/6/2012	10	n/a	ND	
MW-36	d	Bis[2-chloroisopropyl]ether	108-60-1	ug/L	3/6/2012	10	n/a	ND	
MW-36	d	Bis[2-ethylhexyl]phthalate	117-81-7	ug/L	3/6/2012	10	n/a	ND	
MW-36	d	4-Bromophenyl phenyl ether	101-55-3	ug/L	3/6/2012	10	n/a	ND	
MW-36	d	Butyl benzyl phthalate	85-68-7	ug/L	3/6/2012	10	n/a	ND	
MW-36	d	4-Chloroaniline	106-47-8	ug/L	3/6/2012	10	n/a	ND	
MW-36	d	Chlorobenzilate	510-15-6	ug/L	3/6/2012	10	n/a	ND	
MW-36	d	4-Chloro-3-methylphenol	59-50-7	ug/L	3/6/2012	10	n/a	ND	
MW-36	d	2-Chloronaphthalene	91-58-7	ug/L	3/6/2012	10	n/a	ND	
MW-36	d	2-Chlorophenol	95-57-8	ug/L	3/6/2012	10	n/a	ND	
MW-36	d	4-Chlorophenyl phenyl ether	7005-72-3	ug/L	3/6/2012	10	n/a	ND	
MW-36	d	Chrysene	218-01-9	ug/L	3/6/2012	10	n/a	ND	
MW-36	d	3/4-Methylphenol	T-34MP	ug/L	3/6/2012	10	n/a	ND	
MW-36	d	2-Methylphenol	95-48-7	ug/L	3/6/2012	10	n/a	ND	
MW-36	d	Diallate [cis or trans]	2303-16-4	ug/L	3/6/2012	10	n/a	ND	
MW-36	d	Dibenz [a,h] anthracene	53-70-3	ug/L	3/6/2012	10	n/a	ND	
MW-36	d	Dibenzofuran	132-64-9	ug/L	3/6/2012	10	n/a	ND	
MW-36	d	Di-n-butyl phthalate	84-74-2	ug/L	3/6/2012	10	n/a	ND	
MW-36	d	3,3-Dichlorobenzidine	91-94-1	ug/L	3/6/2012	10	n/a	ND	
MW-36	d	2,4-Dichlorophenol	120-83-2	ug/L	3/6/2012	10	n/a	ND	
MW-36	d	2,6-Dichlorophenol	87-65-0	ug/L	3/6/2012	10	n/a	ND	
MW-36	d	Diethyl phthalate	84-66-2	ug/L	3/6/2012	10	n/a	ND	
MW-36	d	Thionazin	297-97-2	ug/L	3/6/2012	10	n/a	ND	
MW-36	d	7,12-Dimethylbenz [a] anthracene	57-97-6	ug/L	3/6/2012	10	n/a	ND	
MW-36	d	Dimethoate	60-51-5	ug/L	3/6/2012	10	n/a	ND	
MW-36	d	Dimethylaminoazobenzene	60-11-7	ug/L	3/6/2012	10	n/a	ND	
MW-36	d	3,3-Dimethylbenzidine	119-93-7	ug/L	3/6/2012	10	n/a	ND	
MW-36	d	2,4-Dimethylphenol	105-67-9	ug/L	3/6/2012	10	n/a	ND	
MW-36	d	Dimethyl phthalate	131-11-3	ug/L	3/6/2012	10	n/a	ND	
MW-36	d	1,3-Dinitrobenzene	99-65-0	ug/L	3/6/2012	10	n/a	ND	
MW-36	d	4,6-Dinitro-2-methylphenol	534-52-1	ug/L	3/6/2012	10	n/a	ND	
MW-36	d	2,4-Dinitrophenol	51-28-5	ug/L	3/6/2012	20	n/a	ND	
MW-36	d	2,4-Dinitrotoluene	121-14-2	ug/L	3/6/2012	10	n/a	ND	

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MW-36	d	2,6-Dinitrotoluene	606-20-2	ug/L	3/6/2012	10	n/a	ND	
MW-36	d	Di-n-octyl phthalate	117-84-0	ug/L	3/6/2012	10	n/a	ND	
MW-36	d	Diphenylamine	122-39-4	ug/L	3/6/2012	10	n/a	ND	
MW-36	d	Disulfoton	298-04-4	ug/L	3/6/2012	10	n/a	ND	
MW-36	d	Ethyl Methanesulfonate	62-50-0	ug/L	3/6/2012	10	n/a	ND	
MW-36	d	Famphur	52-85-7	ug/L	3/6/2012	20	n/a	ND	
MW-36	d	Fluoranthene	206-44-0	ug/L	3/6/2012	10	n/a	ND	
MW-36	d	Fluorene	86-73-7	ug/L	3/6/2012	10	n/a	ND	
MW-36	d	Hexachlorobenzene	118-74-1	ug/L	3/6/2012	10	n/a	ND	
MW-36	d	Hexachlorobutadiene	87-68-3	ug/L	3/6/2012	10	n/a	ND	
MW-36	d	Hexachlorocyclopentadiene	77-47-4	ug/L	3/6/2012	10	n/a	ND	
MW-36	d	Hexachloroethane	67-72-1	ug/L	3/6/2012	10	n/a	ND	
MW-36	d	Hexachloropropene	1888-71-7	ug/L	3/6/2012	10	n/a	ND	
MW-36	d	Indeno [1,2,3-cd] pyrene	193-39-5	ug/L	3/6/2012	10	n/a	ND	
MW-36	d	Isodrin	465-73-6	ug/L	3/6/2012	10	n/a	ND	
MW-36	d	Isophorone	78-59-1	ug/L	3/6/2012	10	n/a	ND	
MW-36	d	Isosafrole	120-58-1	ug/L	3/6/2012	10	n/a	ND	
MW-36	d	Kepon	143-50-0	ug/L	3/6/2012	10	n/a	ND	
MW-36	d	Methapyrilene	91-80-5	ug/L	3/6/2012	10	n/a	ND	
MW-36	d	3-Methylcholanthrene	56-49-5	ug/L	3/6/2012	10	n/a	ND	
MW-36	d	Methyl Methanesulfonate	66-27-3	ug/L	3/6/2012	10	n/a	ND	
MW-36	d	2-Methylnaphthalene	91-57-6	ug/L	3/6/2012	10	n/a	ND	
MW-36	d	Parathion-methyl	298-00-0	ug/L	3/6/2012	10	n/a	ND	
MW-36	d	1,4-Naphthoquinone	130-15-4	ug/L	3/6/2012	10	n/a	ND	
MW-36	d	1-Naphthylamine	134-32-7	ug/L	3/6/2012	10	n/a	ND	
MW-36	d	2-Naphthylamine	91-59-8	ug/L	3/6/2012	10	n/a	ND	
MW-36	d	2-Nitroaniline	88-74-4	ug/L	3/6/2012	10	n/a	ND	
MW-36	d	3-Nitroaniline	99-09-2	ug/L	3/6/2012	10	n/a	ND	
MW-36	d	4-Nitroaniline	100-01-6	ug/L	3/6/2012	10	n/a	ND	
MW-36	d	Nitrobenzene	98-95-3	ug/L	3/6/2012	10	n/a	ND	
MW-36	d	2-Nitrophenol	88-75-5	ug/L	3/6/2012	10	n/a	ND	
MW-36	d	4-Nitrophenol	100-02-7	ug/L	3/6/2012	10	n/a	ND	
MW-36	d	N-Nitrosodi-n-butylamine	924-16-3	ug/L	3/6/2012	10	n/a	ND	
MW-36	d	N-Nitrosodiethylamine	55-18-5	ug/L	3/6/2012	10	n/a	ND	
MW-36	d	N-Nitrosodimethylamine	62-75-9	ug/L	3/6/2012	10	n/a	ND	
MW-36	d	N-Nitrosodiphenylamine	86-30-6	ug/L	3/6/2012	10	n/a	ND	
MW-36	d	N-Nitrosodi-n-propylamine	621-64-7	ug/L	3/6/2012	10	n/a	ND	
MW-36	d	N-Nitrosomethylethylamine	10595-95-6	ug/L	3/6/2012	10	n/a	ND	
MW-36	d	N-Nitrosopiperidine	100-75-4	ug/L	3/6/2012	10	n/a	ND	
MW-36	d	N-Nitrosopyrrolidine	930-55-2	ug/L	3/6/2012	10	n/a	ND	
MW-36	d	5-Nitro-o-toluidine	99-55-8	ug/L	3/6/2012	10	n/a	ND	
MW-36	d	Parathion-ethyl	56-38-2	ug/L	3/6/2012	10	n/a	ND	
MW-36	d	Pentachlorobenzene	608-93-5	ug/L	3/6/2012	10	n/a	ND	
MW-36	d	Pentachloronitrobenzene	82-68-8	ug/L	3/6/2012	10	n/a	ND	
MW-36	d	Pentachlorophenol [2C]	87-86-5	ug/L	3/6/2012	10	n/a	ND	
MW-36	d	Phenacetin	62-44-2	ug/L	3/6/2012	10	n/a	ND	
MW-36	d	Phenanthrene	85-01-8	ug/L	3/6/2012	10	n/a	ND	
MW-36	d	Phenol	108-95-2	ug/L	3/6/2012	10	n/a	ND	
MW-36	d	1,4-Phenylenediamine	106-50-3	ug/L	3/6/2012	10	n/a	ND	
MW-36	d	Phorate	298-02-2	ug/L	3/6/2012	10	n/a	ND	
MW-36	d	Pronamide	23950-58-5	ug/L	3/6/2012	10	n/a	ND	
MW-36	d	Pyrene	129-00-0	ug/L	3/6/2012	10	n/a	ND	
MW-36	d	Safrole	94-59-7	ug/L	3/6/2012	10	n/a	ND	
MW-36	d	1,2,4,5-Tetrachlorobenzene	95-94-3	ug/L	3/6/2012	10	n/a	ND	
MW-36	d	2,3,4,6-Tetrachlorophenol	58-90-2	ug/L	3/6/2012	10	n/a	ND	
MW-36	d	o-Toluidine	95-53-4	ug/L	3/6/2012	10	n/a	ND	
MW-36	d	2,4,5-Trichlorophenol	95-95-4	ug/L	3/6/2012	10	n/a	ND	
MW-36	d	2,4,6-Trichlorophenol	88-06-2	ug/L	3/6/2012	10	n/a	ND	
MW-36	d	O,O,O-Triethyl phosphorothioate	126-68-1	ug/L	3/6/2012	10	n/a	ND	
MW-36	d	1,3,5-Trinitrobenzene	99-35-4	ug/L	3/6/2012	10	n/a	ND	
MW-36	d	Dinoseb	88-85-7	ug/L	3/6/2012	10	n/a	ND	
MW-36	d	Acetonitrile	75-05-8	ug/L	3/6/2012	10000	n/a	ND	
MW-36	d	Isobutanol	78-83-1	mg/L	3/6/2012	10	n/a	ND	
MW-36	d	PCB-1016	12674-11-2	ug/L	3/6/2012	0.8	n/a	ND	

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MW-36	d	PCB-1221	11104-28-2	ug/L	3/6/2012	0.8	n/a	ND	
MW-36	d	PCB-1232	11141-16-5	ug/L	3/6/2012	0.8	n/a	ND	
MW-36	d	PCB-1242	53469-21-9	ug/L	3/6/2012	0.8	n/a	ND	
MW-36	d	PCB-1248	12672-29-6	ug/L	3/6/2012	0.8	n/a	ND	
MW-36	d	PCB-1254	11097-69-1	ug/L	3/6/2012	0.8	n/a	ND	
MW-36	d	PCB-1260	11096-82-5	ug/L	3/6/2012	0.8	n/a	ND	
MW-36	d	Cyanide	57-12-5	mg/L	3/6/2012	0.01	n/a	ND	
MW-36	d	Sulfide	18496-25-8	mg/L	3/6/2012	1	n/a	ND	
MW-36	d	2,4-D [2C]	94-75-7	ug/L	3/6/2012	1	n/a	ND	
MW-36	d	2,4,5-TP [Silvex] [2C]	93-72-1	ug/L	3/6/2012	1	n/a	ND	
MW-36	d	2,4,5-T [2C]	93-76-5	ug/L	3/6/2012	1	n/a	ND	
MW-36	d	alpha-BHC	319-84-6	ug/L	3/6/2012	0.032	n/a	ND	
MW-36	d	beta-BHC	319-85-7	ug/L	3/6/2012	0.032	n/a	ND	
MW-36	d	Dieldrin	60-57-1	ug/L	3/6/2012	0.032	n/a	ND	
MW-36	d	4,4'-DDE	72-55-9	ug/L	3/6/2012	0.032	n/a	ND	
MW-36	d	delta-BHC	319-86-8	ug/L	3/6/2012	0.032	n/a	ND	
MW-36	d	Endrin	72-20-8	ug/L	3/6/2012	0.032	n/a	ND	
MW-36	d	gamma-BHC [Lindane]	58-89-9	ug/L	3/6/2012	0.032	n/a	ND	
MW-36	d	Endosulfan II	33213-65-9	ug/L	3/6/2012	0.032	n/a	ND	
MW-36	d	Heptachlor	76-44-8	ug/L	3/6/2012	0.032	n/a	ND	
MW-36	d	4,4'-DDD	72-54-8	ug/L	3/6/2012	0.032	n/a	ND	
MW-36	d	Aldrin	309-00-2	ug/L	3/6/2012	0.032	n/a	ND	
MW-36	d	Endosulfan sulfate	1031-07-8	ug/L	3/6/2012	0.032	n/a	ND	
MW-36	d	Heptachlor epoxide	1024-57-3	ug/L	3/6/2012	0.032	n/a	ND	
MW-36	d	4,4'-DDT	50-29-3	ug/L	3/6/2012	0.032	n/a	ND	
MW-36	d	Endosulfan I	959-98-8	ug/L	3/6/2012	0.032	n/a	ND	
MW-36	d	Methoxychlor	72-43-5	ug/L	3/6/2012	0.032	n/a	ND	
MW-36	d	Toxaphene	8001-35-2	ug/L	3/6/2012	2	n/a	ND	
MW-36	d	Endrin aldehyde	7421-93-4	ug/L	3/6/2012	0.032	n/a	ND	
MW-36	d	Chlordane	57-74-9	ug/L	3/6/2012	2	n/a	ND	
MW-35R	u	Antimony	7440-36-0	mg/L	4/10/2012	0.006	n/a	ND	
MW-35R	u	Arsenic	7440-38-2	mg/L	4/10/2012	n/a	n/a		0.00102
MW-35R	u	Barium	7440-39-3	mg/L	4/10/2012	n/a	n/a		0.192
MW-35R	u	Beryllium	7440-41-7	mg/L	4/10/2012	0.001	n/a	ND	
MW-35R	u	Cadmium	7440-43-9	mg/L	4/10/2012	0.0005	n/a	ND	
MW-35R	u	Chromium	7440-47-3	mg/L	4/10/2012	0.02	n/a	ND	
MW-35R	u	Cobalt	7440-48-4	mg/L	4/10/2012	n/a	n/a		0.00184
MW-35R	u	Copper	7440-50-8	mg/L	4/10/2012	0.02	n/a	ND	
MW-35R	u	Lead	7439-92-1	mg/L	4/10/2012	n/a	n/a		0.00548
MW-35R	u	Nickel	7440-02-0	mg/L	4/10/2012	0.05	n/a	ND	
MW-35R	u	Selenium	7782-49-2	mg/L	4/10/2012	0.005	n/a	ND	
MW-35R	u	Silver	7440-22-4	mg/L	4/10/2012	0.02	n/a	ND	
MW-35R	u	Thallium	7440-28-0	mg/L	4/10/2012	0.002	n/a	ND	
MW-35R	u	Vanadium	7440-62-2	mg/L	4/10/2012	0.05	n/a	ND	
MW-35R	u	Zinc	7440-66-6	mg/L	4/10/2012	0.02	n/a	ND	
MW-35R	u	Acetone	67-64-1	ug/L	4/10/2012	10	n/a	ND	
MW-35R	u	Acrylonitrile	107-13-1	ug/L	4/10/2012	10	n/a	ND	
MW-35R	u	Benzene	71-43-2	ug/L	4/10/2012	0.5	n/a	ND	
MW-35R	u	Bromochloromethane	74-97-5	ug/L	4/10/2012	5	n/a	ND	
MW-35R	u	Bromodichloromethane	75-27-4	ug/L	4/10/2012	1	n/a	ND	
MW-35R	u	Bromoform	75-25-2	ug/L	4/10/2012	5	n/a	ND	
MW-35R	u	Carbon disulfide	75-15-0	ug/L	4/10/2012	1	n/a	ND	
MW-35R	u	Carbon Tetrachloride	56-23-5	ug/L	4/10/2012	2	n/a	ND	
MW-35R	u	Chlorobenzene	108-90-7	ug/L	4/10/2012	1	n/a	ND	
MW-35R	u	Chloroethane	75-00-3	ug/L	4/10/2012	4	n/a	ND	
MW-35R	u	Chloroform	67-66-3	ug/L	4/10/2012	1	n/a	ND	
MW-35R	u	Chlorodibromomethane	124-48-1	ug/L	4/10/2012	5	n/a	ND	
MW-35R	u	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	4/10/2012	0.12	n/a	ND	
MW-35R	u	1,2-Dibromoethane [EDB]	106-93-4	ug/L	4/10/2012	0.13	n/a	ND	
MW-35R	u	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	4/10/2012	10	n/a	ND	
MW-35R	u	1,1-Dichloroethane	75-34-3	ug/L	4/10/2012	1	n/a	ND	
MW-35R	u	1,2-Dichloroethane	107-06-2	ug/L	4/10/2012	1	n/a	ND	
MW-35R	u	1,1-Dichloroethene	75-35-4	ug/L	4/10/2012	2	n/a	ND	
MW-35R	u	cis-1,2-Dichloroethene	156-59-2	ug/L	4/10/2012	1	n/a	ND	

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MW-35R	u	trans-1,2-Dichloroethene	156-60-5	ug/L	4/10/2012	1	n/a	ND	
MW-35R	u	1,2-Dichloropropane	78-87-5	ug/L	4/10/2012	1	n/a	ND	
MW-35R	u	cis-1,3-Dichloropropene	10061-01-5	ug/L	4/10/2012	5	n/a	ND	
MW-35R	u	trans-1,3-Dichloropropene	10061-02-6	ug/L	4/10/2012	5	n/a	ND	
MW-35R	u	1,2-Dichlorobenzene	95-50-1	ug/L	4/10/2012	1	n/a	ND	
MW-35R	u	1,4-Dichlorobenzene	106-46-7	ug/L	4/10/2012	1	n/a	ND	
MW-35R	u	Ethylbenzene	100-41-4	ug/L	4/10/2012	1	n/a	ND	
MW-35R	u	2-Hexanone	591-78-6	ug/L	4/10/2012	10	n/a	ND	
MW-35R	u	Bromomethane	74-83-9	ug/L	4/10/2012	4	n/a	ND	
MW-35R	u	Chloromethane	74-87-3	ug/L	4/10/2012	3	n/a	ND	
MW-35R	u	2-Butanone	78-93-3	ug/L	4/10/2012	10	n/a	ND	
MW-35R	u	Iodomethane	74-88-4	ug/L	4/10/2012	10	n/a	ND	
MW-35R	u	4-Methyl-2-pentanone	108-10-1	ug/L	4/10/2012	10	n/a	ND	
MW-35R	u	Methylene Chloride	75-09-2	ug/L	4/10/2012	5	n/a	ND	
MW-35R	u	Styrene	100-42-5	ug/L	4/10/2012	1	n/a	ND	
MW-35R	u	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	4/10/2012	1	n/a	ND	
MW-35R	u	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	4/10/2012	1	n/a	ND	
MW-35R	u	Tetrachloroethene	127-18-4	ug/L	4/10/2012	1	n/a	ND	
MW-35R	u	Toluene	108-88-3	ug/L	4/10/2012	1	n/a	ND	
MW-35R	u	1,1,1-Trichloroethane	71-55-6	ug/L	4/10/2012	1	n/a	ND	
MW-35R	u	1,1,2-Trichloroethane	79-00-5	ug/L	4/10/2012	1	n/a	ND	
MW-35R	u	Trichloroethene	79-01-6	ug/L	4/10/2012	1	n/a	ND	
MW-35R	u	Trichlorofluoromethane	75-69-4	ug/L	4/10/2012	4	n/a	ND	
MW-35R	u	1,2,3-Trichloropropane	96-18-4	ug/L	4/10/2012	1	n/a	ND	
MW-35R	u	Vinyl acetate	108-05-4	ug/L	4/10/2012	2	n/a	ND	
MW-35R	u	Vinyl chloride	75-01-4	ug/L	4/10/2012	1	n/a	ND	
MW-35R	u	Xylenes, total	1330-20-7	ug/L	4/10/2012	3	n/a	ND	
MW-35R	u	Methylene Bromide	74-95-3	ug/L	4/10/2012	1	n/a	ND	
MW-36	d	Antimony	7440-36-0	mg/L	4/10/2012	0.006	n/a	ND	
MW-36	d	Arsenic	7440-38-2	mg/L	4/10/2012	0.001	n/a	ND	
MW-36	d	Barium	7440-39-3	mg/L	4/10/2012	n/a	n/a		0.137
MW-36	d	Beryllium	7440-41-7	mg/L	4/10/2012	0.001	n/a	ND	
MW-36	d	Cadmium	7440-43-9	mg/L	4/10/2012	0.0005	n/a	ND	
MW-36	d	Chromium	7440-47-3	mg/L	4/10/2012	0.02	n/a	ND	
MW-36	d	Cobalt	7440-48-4	mg/L	4/10/2012	0.00155	n/a	ND	
MW-36	d	Copper	7440-50-8	mg/L	4/10/2012	0.02	n/a	ND	
MW-36	d	Lead	7439-92-1	mg/L	4/10/2012	0.004	n/a	ND	
MW-36	d	Nickel	7440-02-0	mg/L	4/10/2012	0.05	n/a	ND	
MW-36	d	Selenium	7782-49-2	mg/L	4/10/2012	0.005	n/a	ND	
MW-36	d	Silver	7440-22-4	mg/L	4/10/2012	0.02	n/a	ND	
MW-36	d	Thallium	7440-28-0	mg/L	4/10/2012	0.002	n/a	ND	
MW-36	d	Vanadium	7440-62-2	mg/L	4/10/2012	0.05	n/a	ND	
MW-36	d	Zinc	7440-66-6	mg/L	4/10/2012	0.02	n/a	ND	
MW-36	d	Acetone	67-64-1	ug/L	4/10/2012	10	n/a	ND	
MW-36	d	Acrylonitrile	107-13-1	ug/L	4/10/2012	10	n/a	ND	
MW-36	d	Benzene	71-43-2	ug/L	4/10/2012	0.5	n/a	ND	
MW-36	d	Bromochloromethane	74-97-5	ug/L	4/10/2012	5	n/a	ND	
MW-36	d	Bromodichloromethane	75-27-4	ug/L	4/10/2012	1	n/a	ND	
MW-36	d	Bromoform	75-25-2	ug/L	4/10/2012	5	n/a	ND	
MW-36	d	Carbon disulfide	75-15-0	ug/L	4/10/2012	1	n/a	ND	
MW-36	d	Carbon Tetrachloride	56-23-5	ug/L	4/10/2012	2	n/a	ND	
MW-36	d	Chlorobenzene	108-90-7	ug/L	4/10/2012	1	n/a	ND	
MW-36	d	Chloroethane	75-00-3	ug/L	4/10/2012	4	n/a	ND	
MW-36	d	Chloroform	67-66-3	ug/L	4/10/2012	1	n/a	ND	
MW-36	d	Chlorodibromomethane	124-48-1	ug/L	4/10/2012	5	n/a	ND	
MW-36	d	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	4/10/2012	0.12	n/a	ND	
MW-36	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	4/10/2012	0.13	n/a	ND	
MW-36	d	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	4/10/2012	20	n/a	ND	
MW-36	d	1,1-Dichloroethane	75-34-3	ug/L	4/10/2012	1	n/a	ND	
MW-36	d	1,2-Dichloroethane	107-06-2	ug/L	4/10/2012	1	n/a	ND	
MW-36	d	1,1-Dichloroethene	75-35-4	ug/L	4/10/2012	2	n/a	ND	
MW-36	d	cis-1,2-Dichloroethene	156-59-2	ug/L	4/10/2012	1	n/a	ND	
MW-36	d	trans-1,2-Dichloroethene	156-60-5	ug/L	4/10/2012	1	n/a	ND	
MW-36	d	1,2-Dichloropropane	78-87-5	ug/L	4/10/2012	1	n/a	ND	

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Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-36	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	4/10/2012	5	n/a	ND	
MW-36	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	4/10/2012	5	n/a	ND	
MW-36	d	1,2-Dichlorobenzene	95-50-1	ug/L	4/10/2012	1	n/a	ND	
MW-36	d	1,4-Dichlorobenzene	106-46-7	ug/L	4/10/2012	1	n/a	ND	
MW-36	d	Ethylbenzene	100-41-4	ug/L	4/10/2012	1	n/a	ND	
MW-36	d	2-Hexanone	591-78-6	ug/L	4/10/2012	10	n/a	ND	
MW-36	d	Bromomethane	74-83-9	ug/L	4/10/2012	4	n/a	ND	
MW-36	d	Chloromethane	74-87-3	ug/L	4/10/2012	3	n/a	ND	
MW-36	d	2-Butanone	78-93-3	ug/L	4/10/2012	10	n/a	ND	
MW-36	d	Iodomethane	74-88-4	ug/L	4/10/2012	10	n/a	ND	
MW-36	d	4-Methyl-2-pentanone	108-10-1	ug/L	4/10/2012	10	n/a	ND	
MW-36	d	Methylene Chloride	75-09-2	ug/L	4/10/2012	5	n/a	ND	
MW-36	d	Styrene	100-42-5	ug/L	4/10/2012	1	n/a	ND	
MW-36	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	4/10/2012	1	n/a	ND	
MW-36	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	4/10/2012	1	n/a	ND	
MW-36	d	Tetrachloroethene	127-18-4	ug/L	4/10/2012	1	n/a	ND	
MW-36	d	Toluene	108-88-3	ug/L	4/10/2012	1	n/a	ND	
MW-36	d	1,1,1-Trichloroethane	71-55-6	ug/L	4/10/2012	1	n/a	ND	
MW-36	d	1,1,2-Trichloroethane	79-00-5	ug/L	4/10/2012	1	n/a	ND	
MW-36	d	Trichloroethene	79-01-6	ug/L	4/10/2012	1	n/a	ND	
MW-36	d	Trichlorofluoromethane	75-69-4	ug/L	4/10/2012	4	n/a	ND	
MW-36	d	1,2,3-Trichloropropane	96-18-4	ug/L	4/10/2012	1	n/a	ND	
MW-36	d	Vinyl acetate	108-05-4	ug/L	4/10/2012	20	n/a	ND	
MW-36	d	Vinyl chloride	75-01-4	ug/L	4/10/2012	1	n/a	ND	
MW-36	d	Xylenes, total	1330-20-7	ug/L	4/10/2012	3	n/a	ND	
MW-36	d	Boron	7440-42-8	mg/L	4/10/2012	n/a	n/a		0.468
MW-36	d	Manganese	7439-96-5	mg/L	4/10/2012	0.01	n/a	ND	
MW-36	d	Phosphorus	7723-14-0	mg/L	4/10/2012	0.1	n/a	ND	
MW-36	d	Methylene Bromide	74-95-3	ug/L	4/10/2012	1	n/a	ND	
MW-37	d	Antimony	7440-36-0	mg/L	4/10/2012	0.006	n/a	ND	
MW-37	d	Arsenic	7440-38-2	mg/L	4/10/2012	0.001	n/a	ND	
MW-37	d	Barium	7440-39-3	mg/L	4/10/2012	n/a	n/a		0.289
MW-37	d	Beryllium	7440-41-7	mg/L	4/10/2012	0.001	n/a	ND	
MW-37	d	Cadmium	7440-43-9	mg/L	4/10/2012	0.0005	n/a	ND	
MW-37	d	Chromium	7440-47-3	mg/L	4/10/2012	0.02	n/a	ND	
MW-37	d	Cobalt	7440-48-4	mg/L	4/10/2012	0.00155	n/a	ND	
MW-37	d	Copper	7440-50-8	mg/L	4/10/2012	0.02	n/a	ND	
MW-37	d	Lead	7439-92-1	mg/L	4/10/2012	0.004	n/a	ND	
MW-37	d	Nickel	7440-02-0	mg/L	4/10/2012	0.05	n/a	ND	
MW-37	d	Selenium	7782-49-2	mg/L	4/10/2012	0.005	n/a	ND	
MW-37	d	Silver	7440-22-4	mg/L	4/10/2012	0.02	n/a	ND	
MW-37	d	Thallium	7440-28-0	mg/L	4/10/2012	0.002	n/a	ND	
MW-37	d	Vanadium	7440-62-2	mg/L	4/10/2012	0.05	n/a	ND	
MW-37	d	Zinc	7440-66-6	mg/L	4/10/2012	0.02	n/a	ND	
MW-37	d	Acetone	67-64-1	ug/L	4/10/2012	10	n/a	ND	
MW-37	d	Acrylonitrile	107-13-1	ug/L	4/10/2012	10	n/a	ND	
MW-37	d	Benzene	71-43-2	ug/L	4/10/2012	0.5	n/a	ND	
MW-37	d	Bromochloromethane	74-97-5	ug/L	4/10/2012	5	n/a	ND	
MW-37	d	Bromodichloromethane	75-27-4	ug/L	4/10/2012	1	n/a	ND	
MW-37	d	Bromoform	75-25-2	ug/L	4/10/2012	5	n/a	ND	
MW-37	d	Carbon disulfide	75-15-0	ug/L	4/10/2012	1	n/a	ND	
MW-37	d	Carbon Tetrachloride	56-23-5	ug/L	4/10/2012	2	n/a	ND	
MW-37	d	Chlorobenzene	108-90-7	ug/L	4/10/2012	1	n/a	ND	
MW-37	d	Chloroethane	75-00-3	ug/L	4/10/2012	4	n/a	ND	
MW-37	d	Chloroform	67-66-3	ug/L	4/10/2012	1	n/a	ND	
MW-37	d	Chlorodibromomethane	124-48-1	ug/L	4/10/2012	5	n/a	ND	
MW-37	d	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	4/10/2012	0.12	n/a	ND	
MW-37	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	4/10/2012	0.13	n/a	ND	
MW-37	d	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	4/10/2012	20	n/a	ND	
MW-37	d	1,1-Dichloroethane	75-34-3	ug/L	4/10/2012	1	n/a	ND	
MW-37	d	1,2-Dichloroethane	107-06-2	ug/L	4/10/2012	1	n/a	ND	
MW-37	d	1,1-Dichloroethene	75-35-4	ug/L	4/10/2012	2	n/a	ND	
MW-37	d	cis-1,2-Dichloroethene	156-59-2	ug/L	4/10/2012	1	n/a	ND	
MW-37	d	trans-1,2-Dichloroethene	156-60-5	ug/L	4/10/2012	1	n/a	ND	

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Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-37	d	1,2-Dichloropropane	78-87-5	ug/L	4/10/2012	1	n/a	ND	
MW-37	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	4/10/2012	5	n/a	ND	
MW-37	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	4/10/2012	5	n/a	ND	
MW-37	d	1,2-Dichlorobenzene	95-50-1	ug/L	4/10/2012	1	n/a	ND	
MW-37	d	1,4-Dichlorobenzene	106-46-7	ug/L	4/10/2012	1	n/a	ND	
MW-37	d	Ethylbenzene	100-41-4	ug/L	4/10/2012	1	n/a	ND	
MW-37	d	2-Hexanone	591-78-6	ug/L	4/10/2012	10	n/a	ND	
MW-37	d	Bromomethane	74-83-9	ug/L	4/10/2012	4	n/a	ND	
MW-37	d	Chloromethane	74-87-3	ug/L	4/10/2012	3	n/a	ND	
MW-37	d	2-Butanone	78-93-3	ug/L	4/10/2012	10	n/a	ND	
MW-37	d	Iodomethane	74-88-4	ug/L	4/10/2012	10	n/a	ND	
MW-37	d	4-Methyl-2-pentanone	108-10-1	ug/L	4/10/2012	10	n/a	ND	
MW-37	d	Methylene Chloride	75-09-2	ug/L	4/10/2012	5	n/a	ND	
MW-37	d	Styrene	100-42-5	ug/L	4/10/2012	1	n/a	ND	
MW-37	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	4/10/2012	1	n/a	ND	
MW-37	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	4/10/2012	1	n/a	ND	
MW-37	d	Tetrachloroethene	127-18-4	ug/L	4/10/2012	1	n/a	ND	
MW-37	d	Toluene	108-88-3	ug/L	4/10/2012	1	n/a	ND	
MW-37	d	1,1,1-Trichloroethane	71-55-6	ug/L	4/10/2012	1	n/a	ND	
MW-37	d	1,1,2-Trichloroethane	79-00-5	ug/L	4/10/2012	1	n/a	ND	
MW-37	d	Trichloroethene	79-01-6	ug/L	4/10/2012	1	n/a	ND	
MW-37	d	Trichlorofluoromethane	75-69-4	ug/L	4/10/2012	4	n/a	ND	
MW-37	d	1,2,3-Trichloropropane	96-18-4	ug/L	4/10/2012	1	n/a	ND	
MW-37	d	Vinyl acetate	108-05-4	ug/L	4/10/2012	20	n/a	ND	
MW-37	d	Vinyl chloride	75-01-4	ug/L	4/10/2012	1	n/a	ND	
MW-37	d	Xylenes, total	1330-20-7	ug/L	4/10/2012	3	n/a	ND	
MW-37	d	Methylene Bromide	74-95-3	ug/L	4/10/2012	1	n/a	ND	
MW-35R	u	Antimony	7440-36-0	mg/L	10/4/2012	0.006	n/a	ND	
MW-35R	u	Arsenic	7440-38-2	mg/L	10/4/2012	0.001	n/a	ND	
MW-35R	u	Barium	7440-39-3	mg/L	10/4/2012	n/a	n/a		0.297
MW-35R	u	Beryllium	7440-41-7	mg/L	10/4/2012	0.001	n/a	ND	
MW-35R	u	Cadmium	7440-43-9	mg/L	10/4/2012	n/a	n/a		0.000522
MW-35R	u	Chromium	7440-47-3	mg/L	10/4/2012	0.02	n/a	ND	
MW-35R	u	Cobalt	7440-48-4	mg/L	10/4/2012	n/a	n/a		0.0155
MW-35R	u	Copper	7440-50-8	mg/L	10/4/2012	0.02	n/a	ND	
MW-35R	u	Lead	7439-92-1	mg/L	10/4/2012	n/a	n/a		0.00656
MW-35R	u	Nickel	7440-02-0	mg/L	10/4/2012	0.05	n/a	ND	
MW-35R	u	Selenium	7782-49-2	mg/L	10/4/2012	0.005	n/a	ND	
MW-35R	u	Silver	7440-22-4	mg/L	10/4/2012	0.02	n/a	ND	
MW-35R	u	Thallium	7440-28-0	mg/L	10/4/2012	0.002	n/a	ND	
MW-35R	u	Vanadium	7440-62-2	mg/L	10/4/2012	0.05	n/a	ND	
MW-35R	u	Zinc	7440-66-6	mg/L	10/4/2012	0.02	n/a	ND	
MW-35R	u	Acetone	67-64-1	ug/L	10/4/2012	10	n/a	ND	
MW-35R	u	Acrylonitrile	107-13-1	ug/L	10/4/2012	10	n/a	ND	
MW-35R	u	Benzene	71-43-2	ug/L	10/4/2012	0.5	n/a	ND	
MW-35R	u	Bromochloromethane	74-97-5	ug/L	10/4/2012	5	n/a	ND	
MW-35R	u	Bromodichloromethane	75-27-4	ug/L	10/4/2012	1	n/a	ND	
MW-35R	u	Bromoform	75-25-2	ug/L	10/4/2012	5	n/a	ND	
MW-35R	u	Carbon disulfide	75-15-0	ug/L	10/4/2012	1	n/a	ND	
MW-35R	u	Carbon Tetrachloride	56-23-5	ug/L	10/4/2012	2	n/a	ND	
MW-35R	u	Chlorobenzene	108-90-7	ug/L	10/4/2012	1	n/a	ND	
MW-35R	u	Chloroethane	75-00-3	ug/L	10/4/2012	4	n/a	ND	
MW-35R	u	Chloroform	67-66-3	ug/L	10/4/2012	1	n/a	ND	
MW-35R	u	Chlorodibromomethane	124-48-1	ug/L	10/4/2012	5	n/a	ND	
MW-35R	u	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	10/4/2012	0.12	n/a	ND	
MW-35R	u	1,2-Dibromoethane [EDB]	106-93-4	ug/L	10/4/2012	0.13	n/a	ND	
MW-35R	u	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	10/4/2012	10	n/a	ND	
MW-35R	u	1,1-Dichloroethane	75-34-3	ug/L	10/4/2012	1	n/a	ND	
MW-35R	u	1,2-Dichloroethane	107-06-2	ug/L	10/4/2012	1	n/a	ND	
MW-35R	u	1,1-Dichloroethene	75-35-4	ug/L	10/4/2012	2	n/a	ND	
MW-35R	u	cis-1,2-Dichloroethene	156-59-2	ug/L	10/4/2012	1	n/a	ND	
MW-35R	u	trans-1,2-Dichloroethene	156-60-5	ug/L	10/4/2012	1	n/a	ND	
MW-35R	u	1,2-Dichloropropane	78-87-5	ug/L	10/4/2012	1	n/a	ND	
MW-35R	u	cis-1,3-Dichloropropene	10061-01-5	ug/L	10/4/2012	5	n/a	ND	

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Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-35R	u	trans-1,3-Dichloropropene	10061-02-6	ug/L	10/4/2012	5	n/a	ND	
MW-35R	u	1,2-Dichlorobenzene	95-50-1	ug/L	10/4/2012	1	n/a	ND	
MW-35R	u	1,4-Dichlorobenzene	106-46-7	ug/L	10/4/2012	1	n/a	ND	
MW-35R	u	Ethylbenzene	100-41-4	ug/L	10/4/2012	1	n/a	ND	
MW-35R	u	2-Hexanone	591-78-6	ug/L	10/4/2012	10	n/a	ND	
MW-35R	u	Bromomethane	74-83-9	ug/L	10/4/2012	4	n/a	ND	
MW-35R	u	Chloromethane	74-87-3	ug/L	10/4/2012	3	n/a	ND	
MW-35R	u	2-Butanone	78-93-3	ug/L	10/4/2012	10	n/a	ND	
MW-35R	u	Iodomethane	74-88-4	ug/L	10/4/2012	10	n/a	ND	
MW-35R	u	4-Methyl-2-pentanone	108-10-1	ug/L	10/4/2012	10	n/a	ND	
MW-35R	u	Methylene Chloride	75-09-2	ug/L	10/4/2012	5	n/a	ND	
MW-35R	u	Styrene	100-42-5	ug/L	10/4/2012	1	n/a	ND	
MW-35R	u	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	10/4/2012	1	n/a	ND	
MW-35R	u	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	10/4/2012	1	n/a	ND	
MW-35R	u	Tetrachloroethene	127-18-4	ug/L	10/4/2012	1	n/a	ND	
MW-35R	u	Toluene	108-88-3	ug/L	10/4/2012	1	n/a	ND	
MW-35R	u	1,1,1-Trichloroethane	71-55-6	ug/L	10/4/2012	1	n/a	ND	
MW-35R	u	1,1,2-Trichloroethane	79-00-5	ug/L	10/4/2012	1	n/a	ND	
MW-35R	u	Trichloroethene	79-01-6	ug/L	10/4/2012	1	n/a	ND	
MW-35R	u	Trichlorofluoromethane	75-69-4	ug/L	10/4/2012	4	n/a	ND	
MW-35R	u	1,2,3-Trichloropropane	96-18-4	ug/L	10/4/2012	1	n/a	ND	
MW-35R	u	Vinyl acetate	108-05-4	ug/L	10/4/2012	10	n/a	ND	
MW-35R	u	Vinyl chloride	75-01-4	ug/L	10/4/2012	1	n/a	ND	
MW-35R	u	Xylenes, total	1330-20-7	ug/L	10/4/2012	3	n/a	ND	
MW-35R	u	Boron	7440-42-8	mg/L	10/4/2012	0.1	n/a	ND	
MW-35R	u	Manganese	7439-96-5	mg/L	10/4/2012	n/a	n/a		0.377
MW-35R	u	Phosphorus	7723-14-0	mg/L	10/4/2012	n/a	n/a		1.16
MW-35R	u	Methylene Bromide	74-95-3	ug/L	10/4/2012	1	n/a	ND	
MW-35R	u	O-Xylene	95-47-6	ug/L	10/4/2012	1	n/a	ND	
MW-35R	u	M&P-Xylene	179601-23-1	ug/L	10/4/2012	2	n/a	ND	
MW-37	d	Antimony	7440-36-0	mg/L	10/4/2012	0.006	n/a	ND	
MW-37	d	Antimony	7440-36-0	mg/L	10/4/2012	0.006	n/a	ND	
MW-37	d	Arsenic	7440-38-2	mg/L	10/4/2012	n/a	n/a		0.00116
MW-37	d	Arsenic	7440-38-2	mg/L	10/4/2012	n/a	n/a		0.00136
MW-37	d	Barium	7440-39-3	mg/L	10/4/2012	n/a	n/a		0.415
MW-37	d	Barium	7440-39-3	mg/L	10/4/2012	n/a	n/a		0.367
MW-37	d	Beryllium	7440-41-7	mg/L	10/4/2012	0.001	n/a	ND	
MW-37	d	Beryllium	7440-41-7	mg/L	10/4/2012	0.001	n/a	ND	
MW-37	d	Cadmium	7440-43-9	mg/L	10/4/2012	0.0005	n/a	ND	
MW-37	d	Cadmium	7440-43-9	mg/L	10/4/2012	0.0005	n/a	ND	
MW-37	d	Chromium	7440-47-3	mg/L	10/4/2012	0.02	n/a	ND	
MW-37	d	Chromium	7440-47-3	mg/L	10/4/2012	0.02	n/a	ND	
MW-37	d	Cobalt	7440-48-4	mg/L	10/4/2012	n/a	n/a		0.00639
MW-37	d	Cobalt	7440-48-4	mg/L	10/4/2012	n/a	n/a		0.00671
MW-37	d	Copper	7440-50-8	mg/L	10/4/2012	0.02	n/a	ND	
MW-37	d	Copper	7440-50-8	mg/L	10/4/2012	0.02	n/a	ND	
MW-37	d	Lead	7439-92-1	mg/L	10/4/2012	0.004	n/a	ND	
MW-37	d	Lead	7439-92-1	mg/L	10/4/2012	0.004	n/a	ND	
MW-37	d	Nickel	7440-02-0	mg/L	10/4/2012	0.05	n/a	ND	
MW-37	d	Nickel	7440-02-0	mg/L	10/4/2012	0.05	n/a	ND	
MW-37	d	Selenium	7782-49-2	mg/L	10/4/2012	0.005	n/a	ND	
MW-37	d	Selenium	7782-49-2	mg/L	10/4/2012	0.005	n/a	ND	
MW-37	d	Silver	7440-22-4	mg/L	10/4/2012	0.02	n/a	ND	
MW-37	d	Silver	7440-22-4	mg/L	10/4/2012	0.02	n/a	ND	
MW-37	d	Thallium	7440-28-0	mg/L	10/4/2012	0.002	n/a	ND	
MW-37	d	Thallium	7440-28-0	mg/L	10/4/2012	0.002	n/a	ND	
MW-37	d	Vanadium	7440-62-2	mg/L	10/4/2012	0.05	n/a	ND	
MW-37	d	Vanadium	7440-62-2	mg/L	10/4/2012	0.05	n/a	ND	
MW-37	d	Zinc	7440-66-6	mg/L	10/4/2012	0.02	n/a	ND	
MW-37	d	Zinc	7440-66-6	mg/L	10/4/2012	0.02	n/a	ND	
MW-37	d	Acetone	67-64-1	ug/L	10/4/2012	10	n/a	ND	
MW-37	d	Acetone	67-64-1	ug/L	10/4/2012	10	n/a	ND	
MW-37	d	Acrylonitrile	107-13-1	ug/L	10/4/2012	10	n/a	ND	
MW-37	d	Acrylonitrile	107-13-1	ug/L	10/4/2012	10	n/a	ND	

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Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-37	d	Benzene	71-43-2	ug/L	10/4/2012	0.5	n/a	ND	
MW-37	d	Benzene	71-43-2	ug/L	10/4/2012	0.5	n/a	ND	
MW-37	d	Bromochloromethane	74-97-5	ug/L	10/4/2012	5	n/a	ND	
MW-37	d	Bromochloromethane	74-97-5	ug/L	10/4/2012	5	n/a	ND	
MW-37	d	Bromodichloromethane	75-27-4	ug/L	10/4/2012	1	n/a	ND	
MW-37	d	Bromodichloromethane	75-27-4	ug/L	10/4/2012	1	n/a	ND	
MW-37	d	Bromoform	75-25-2	ug/L	10/4/2012	5	n/a	ND	
MW-37	d	Bromoform	75-25-2	ug/L	10/4/2012	5	n/a	ND	
MW-37	d	Carbon disulfide	75-15-0	ug/L	10/4/2012	1	n/a	ND	
MW-37	d	Carbon disulfide	75-15-0	ug/L	10/4/2012	1	n/a	ND	
MW-37	d	Carbon Tetrachloride	56-23-5	ug/L	10/4/2012	2	n/a	ND	
MW-37	d	Carbon Tetrachloride	56-23-5	ug/L	10/4/2012	2	n/a	ND	
MW-37	d	Chlorobenzene	108-90-7	ug/L	10/4/2012	1	n/a	ND	
MW-37	d	Chlorobenzene	108-90-7	ug/L	10/4/2012	1	n/a	ND	
MW-37	d	Chloroethane	75-00-3	ug/L	10/4/2012	4	n/a	ND	
MW-37	d	Chloroethane	75-00-3	ug/L	10/4/2012	4	n/a	ND	
MW-37	d	Chloroform	67-66-3	ug/L	10/4/2012	1	n/a	ND	
MW-37	d	Chloroform	67-66-3	ug/L	10/4/2012	1	n/a	ND	
MW-37	d	Chlorodibromomethane	124-48-1	ug/L	10/4/2012	5	n/a	ND	
MW-37	d	Chlorodibromomethane	124-48-1	ug/L	10/4/2012	5	n/a	ND	
MW-37	d	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	10/4/2012	0.12	n/a	ND	
MW-37	d	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	10/4/2012	0.12	n/a	ND	
MW-37	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	10/4/2012	0.13	n/a	ND	
MW-37	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	10/4/2012	0.13	n/a	ND	
MW-37	d	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	10/4/2012	10	n/a	ND	
MW-37	d	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	10/4/2012	10	n/a	ND	
MW-37	d	1,1-Dichloroethane	75-34-3	ug/L	10/4/2012	1	n/a	ND	
MW-37	d	1,1-Dichloroethane	75-34-3	ug/L	10/4/2012	1	n/a	ND	
MW-37	d	1,2-Dichloroethane	107-06-2	ug/L	10/4/2012	1	n/a	ND	
MW-37	d	1,2-Dichloroethane	107-06-2	ug/L	10/4/2012	1	n/a	ND	
MW-37	d	1,1-Dichloroethene	75-35-4	ug/L	10/4/2012	2	n/a	ND	
MW-37	d	1,1-Dichloroethene	75-35-4	ug/L	10/4/2012	2	n/a	ND	
MW-37	d	cis-1,2-Dichloroethene	156-59-2	ug/L	10/4/2012	1	n/a	ND	
MW-37	d	cis-1,2-Dichloroethene	156-59-2	ug/L	10/4/2012	1	n/a	ND	
MW-37	d	trans-1,2-Dichloroethene	156-60-5	ug/L	10/4/2012	1	n/a	ND	
MW-37	d	trans-1,2-Dichloroethene	156-60-5	ug/L	10/4/2012	1	n/a	ND	
MW-37	d	1,2-Dichloropropane	78-87-5	ug/L	10/4/2012	1	n/a	ND	
MW-37	d	1,2-Dichloropropane	78-87-5	ug/L	10/4/2012	1	n/a	ND	
MW-37	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	10/4/2012	5	n/a	ND	
MW-37	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	10/4/2012	5	n/a	ND	
MW-37	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	10/4/2012	5	n/a	ND	
MW-37	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	10/4/2012	5	n/a	ND	
MW-37	d	1,2-Dichlorobenzene	95-50-1	ug/L	10/4/2012	1	n/a	ND	
MW-37	d	1,2-Dichlorobenzene	95-50-1	ug/L	10/4/2012	1	n/a	ND	
MW-37	d	1,4-Dichlorobenzene	106-46-7	ug/L	10/4/2012	1	n/a	ND	
MW-37	d	1,4-Dichlorobenzene	106-46-7	ug/L	10/4/2012	1	n/a	ND	
MW-37	d	Ethylbenzene	100-41-4	ug/L	10/4/2012	1	n/a	ND	
MW-37	d	Ethylbenzene	100-41-4	ug/L	10/4/2012	1	n/a	ND	
MW-37	d	2-Hexanone	591-78-6	ug/L	10/4/2012	10	n/a	ND	
MW-37	d	2-Hexanone	591-78-6	ug/L	10/4/2012	10	n/a	ND	
MW-37	d	Bromomethane	74-83-9	ug/L	10/4/2012	4	n/a	ND	
MW-37	d	Bromomethane	74-83-9	ug/L	10/4/2012	4	n/a	ND	
MW-37	d	Chloromethane	74-87-3	ug/L	10/4/2012	3	n/a	ND	
MW-37	d	Chloromethane	74-87-3	ug/L	10/4/2012	3	n/a	ND	
MW-37	d	2-Butanone	78-93-3	ug/L	10/4/2012	10	n/a	ND	
MW-37	d	2-Butanone	78-93-3	ug/L	10/4/2012	10	n/a	ND	
MW-37	d	Iodomethane	74-88-4	ug/L	10/4/2012	10	n/a	ND	
MW-37	d	Iodomethane	74-88-4	ug/L	10/4/2012	10	n/a	ND	
MW-37	d	4-Methyl-2-pentanone	108-10-1	ug/L	10/4/2012	10	n/a	ND	
MW-37	d	4-Methyl-2-pentanone	108-10-1	ug/L	10/4/2012	10	n/a	ND	
MW-37	d	Methylene Chloride	75-09-2	ug/L	10/4/2012	5	n/a	ND	
MW-37	d	Methylene Chloride	75-09-2	ug/L	10/4/2012	5	n/a	ND	
MW-37	d	Styrene	100-42-5	ug/L	10/4/2012	1	n/a	ND	
MW-37	d	Styrene	100-42-5	ug/L	10/4/2012	1	n/a	ND	

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Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-37	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	10/4/2012	1	n/a	ND	
MW-37	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	10/4/2012	1	n/a	ND	
MW-37	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	10/4/2012	1	n/a	ND	
MW-37	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	10/4/2012	1	n/a	ND	
MW-37	d	Tetrachloroethene	127-18-4	ug/L	10/4/2012	1	n/a	ND	
MW-37	d	Tetrachloroethene	127-18-4	ug/L	10/4/2012	1	n/a	ND	
MW-37	d	Toluene	108-88-3	ug/L	10/4/2012	1	n/a	ND	
MW-37	d	Toluene	108-88-3	ug/L	10/4/2012	1	n/a	ND	
MW-37	d	1,1,1-Trichloroethane	71-55-6	ug/L	10/4/2012	1	n/a	ND	
MW-37	d	1,1,1-Trichloroethane	71-55-6	ug/L	10/4/2012	1	n/a	ND	
MW-37	d	1,1,2-Trichloroethane	79-00-5	ug/L	10/4/2012	1	n/a	ND	
MW-37	d	1,1,2-Trichloroethane	79-00-5	ug/L	10/4/2012	1	n/a	ND	
MW-37	d	1,1,2-Trichloroethane	79-00-5	ug/L	10/4/2012	1	n/a	ND	
MW-37	d	Trichloroethene	79-01-6	ug/L	10/4/2012	1	n/a	ND	
MW-37	d	Trichloroethene	79-01-6	ug/L	10/4/2012	1	n/a	ND	
MW-37	d	Trichlorofluoromethane	75-69-4	ug/L	10/4/2012	4	n/a	ND	
MW-37	d	Trichlorofluoromethane	75-69-4	ug/L	10/4/2012	4	n/a	ND	
MW-37	d	1,2,3-Trichloropropane	96-18-4	ug/L	10/4/2012	1	n/a	ND	
MW-37	d	1,2,3-Trichloropropane	96-18-4	ug/L	10/4/2012	1	n/a	ND	
MW-37	d	Vinyl acetate	108-05-4	ug/L	10/4/2012	10	n/a	ND	
MW-37	d	Vinyl acetate	108-05-4	ug/L	10/4/2012	10	n/a	ND	
MW-37	d	Vinyl chloride	75-01-4	ug/L	10/4/2012	1	n/a	ND	
MW-37	d	Vinyl chloride	75-01-4	ug/L	10/4/2012	1	n/a	ND	
MW-37	d	Xylenes, total	1330-20-7	ug/L	10/4/2012	3	n/a	ND	
MW-37	d	Xylenes, total	1330-20-7	ug/L	10/4/2012	3	n/a	ND	
MW-37	d	Methylene Bromide	74-95-3	ug/L	10/4/2012	1	n/a	ND	
MW-37	d	Methylene Bromide	74-95-3	ug/L	10/4/2012	1	n/a	ND	
MW-37	d	O-Xylene	95-47-6	ug/L	10/4/2012	1	n/a	ND	
MW-37	d	O-Xylene	95-47-6	ug/L	10/4/2012	1	n/a	ND	
MW-37	d	M&P-Xylene	179601-23-1	ug/L	10/4/2012	2	n/a	ND	
MW-37	d	M&P-Xylene	179601-23-1	ug/L	10/4/2012	2	n/a	ND	
MW-35R	u	Antimony	7440-36-0	mg/L	4/15/2013	0.006	n/a	ND	
MW-35R	u	Antimony	7440-36-0	mg/L	4/15/2013	0.006	n/a	ND	
MW-35R	u	Arsenic	7440-38-2	mg/L	4/15/2013	0.001	n/a	ND	
MW-35R	u	Arsenic	7440-38-2	mg/L	4/15/2013	n/a	n/a		0.00155
MW-35R	u	Barium	7440-39-3	mg/L	4/15/2013	n/a	n/a		0.311
MW-35R	u	Barium	7440-39-3	mg/L	4/15/2013	n/a	n/a		0.219
MW-35R	u	Beryllium	7440-41-7	mg/L	4/15/2013	0.001	n/a	ND	
MW-35R	u	Beryllium	7440-41-7	mg/L	4/15/2013	n/a	n/a		0.00107
MW-35R	u	Cadmium	7440-43-9	mg/L	4/15/2013	n/a	n/a		0.000605
MW-35R	u	Cadmium	7440-43-9	mg/L	4/15/2013	0.0005	n/a	ND	
MW-35R	u	Chromium	7440-47-3	mg/L	4/15/2013	0.02	n/a	ND	
MW-35R	u	Chromium	7440-47-3	mg/L	4/15/2013	0.02	n/a	ND	
MW-35R	u	Cobalt	7440-48-4	mg/L	4/15/2013	n/a	n/a		0.0119
MW-35R	u	Cobalt	7440-48-4	mg/L	4/15/2013	n/a	n/a		0.00498
MW-35R	u	Copper	7440-50-8	mg/L	4/15/2013	0.02	n/a	ND	
MW-35R	u	Copper	7440-50-8	mg/L	4/15/2013	0.02	n/a	ND	
MW-35R	u	Lead	7439-92-1	mg/L	4/15/2013	n/a	n/a		0.00621
MW-35R	u	Lead	7439-92-1	mg/L	4/15/2013	n/a	n/a		0.0135
MW-35R	u	Nickel	7440-02-0	mg/L	4/15/2013	0.05	n/a	ND	
MW-35R	u	Nickel	7440-02-0	mg/L	4/15/2013	0.05	n/a	ND	
MW-35R	u	Selenium	7782-49-2	mg/L	4/15/2013	0.005	n/a	ND	
MW-35R	u	Selenium	7782-49-2	mg/L	4/15/2013	0.005	n/a	ND	
MW-35R	u	Silver	7440-22-4	mg/L	4/15/2013	0.02	n/a	ND	
MW-35R	u	Silver	7440-22-4	mg/L	4/15/2013	0.02	n/a	ND	
MW-35R	u	Thallium	7440-28-0	mg/L	4/15/2013	0.002	n/a	ND	
MW-35R	u	Thallium	7440-28-0	mg/L	4/15/2013	0.002	n/a	ND	
MW-35R	u	Vanadium	7440-62-2	mg/L	4/15/2013	0.05	n/a	ND	
MW-35R	u	Vanadium	7440-62-2	mg/L	4/15/2013	0.05	n/a	ND	
MW-35R	u	Zinc	7440-66-6	mg/L	4/15/2013	n/a	n/a		0.0448
MW-35R	u	Zinc	7440-66-6	mg/L	4/15/2013	n/a	n/a		0.064
MW-35R	u	Acetone	67-64-1	ug/L	4/15/2013	10	n/a	ND	
MW-35R	u	Acetone	67-64-1	ug/L	4/15/2013	10	n/a	ND	
MW-35R	u	Acrylonitrile	107-13-1	ug/L	4/15/2013	10	n/a	ND	
MW-35R	u	Acrylonitrile	107-13-1	ug/L	4/15/2013	10	n/a	ND	

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Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-35R	u	Benzene	71-43-2	ug/L	4/15/2013	0.5	n/a	ND	
MW-35R	u	Benzene	71-43-2	ug/L	4/15/2013	0.5	n/a	ND	
MW-35R	u	Bromochloromethane	74-97-5	ug/L	4/15/2013	5	n/a	ND	
MW-35R	u	Bromochloromethane	74-97-5	ug/L	4/15/2013	5	n/a	ND	
MW-35R	u	Bromodichloromethane	75-27-4	ug/L	4/15/2013	1	n/a	ND	
MW-35R	u	Bromodichloromethane	75-27-4	ug/L	4/15/2013	1	n/a	ND	
MW-35R	u	Bromoform	75-25-2	ug/L	4/15/2013	5	n/a	ND	
MW-35R	u	Bromoform	75-25-2	ug/L	4/15/2013	5	n/a	ND	
MW-35R	u	Carbon disulfide	75-15-0	ug/L	4/15/2013	1	n/a	ND	
MW-35R	u	Carbon disulfide	75-15-0	ug/L	4/15/2013	1	n/a	ND	
MW-35R	u	Carbon Tetrachloride	56-23-5	ug/L	4/15/2013	2	n/a	ND	
MW-35R	u	Carbon Tetrachloride	56-23-5	ug/L	4/15/2013	2	n/a	ND	
MW-35R	u	Chlorobenzene	108-90-7	ug/L	4/15/2013	1	n/a	ND	
MW-35R	u	Chlorobenzene	108-90-7	ug/L	4/15/2013	1	n/a	ND	
MW-35R	u	Chloroethane	75-00-3	ug/L	4/15/2013	4	n/a	ND	
MW-35R	u	Chloroethane	75-00-3	ug/L	4/15/2013	4	n/a	ND	
MW-35R	u	Chloroform	67-66-3	ug/L	4/15/2013	1	n/a	ND	
MW-35R	u	Chloroform	67-66-3	ug/L	4/15/2013	1	n/a	ND	
MW-35R	u	Chlorodibromomethane	124-48-1	ug/L	4/15/2013	5	n/a	ND	
MW-35R	u	Chlorodibromomethane	124-48-1	ug/L	4/15/2013	5	n/a	ND	
MW-35R	u	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	4/15/2013	0.12	n/a	ND	
MW-35R	u	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	4/15/2013	0.12	n/a	ND	
MW-35R	u	1,2-Dibromoethane [EDB]	106-93-4	ug/L	4/15/2013	0.13	n/a	ND	
MW-35R	u	1,2-Dibromoethane [EDB]	106-93-4	ug/L	4/15/2013	0.13	n/a	ND	
MW-35R	u	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	4/15/2013	10	n/a	ND	
MW-35R	u	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	4/15/2013	10	n/a	ND	
MW-35R	u	1,1-Dichloroethane	75-34-3	ug/L	4/15/2013	1	n/a	ND	
MW-35R	u	1,1-Dichloroethane	75-34-3	ug/L	4/15/2013	1	n/a	ND	
MW-35R	u	1,2-Dichloroethane	107-06-2	ug/L	4/15/2013	1	n/a	ND	
MW-35R	u	1,2-Dichloroethane	107-06-2	ug/L	4/15/2013	1	n/a	ND	
MW-35R	u	1,1-Dichloroethene	75-35-4	ug/L	4/15/2013	2	n/a	ND	
MW-35R	u	1,1-Dichloroethene	75-35-4	ug/L	4/15/2013	2	n/a	ND	
MW-35R	u	cis-1,2-Dichloroethene	156-59-2	ug/L	4/15/2013	1	n/a	ND	
MW-35R	u	cis-1,2-Dichloroethene	156-59-2	ug/L	4/15/2013	1	n/a	ND	
MW-35R	u	trans-1,2-Dichloroethene	156-60-5	ug/L	4/15/2013	1	n/a	ND	
MW-35R	u	trans-1,2-Dichloroethene	156-60-5	ug/L	4/15/2013	1	n/a	ND	
MW-35R	u	1,2-Dichloropropane	78-87-5	ug/L	4/15/2013	1	n/a	ND	
MW-35R	u	1,2-Dichloropropane	78-87-5	ug/L	4/15/2013	1	n/a	ND	
MW-35R	u	cis-1,3-Dichloropropene	10061-01-5	ug/L	4/15/2013	5	n/a	ND	
MW-35R	u	cis-1,3-Dichloropropene	10061-01-5	ug/L	4/15/2013	5	n/a	ND	
MW-35R	u	trans-1,3-Dichloropropene	10061-02-6	ug/L	4/15/2013	5	n/a	ND	
MW-35R	u	trans-1,3-Dichloropropene	10061-02-6	ug/L	4/15/2013	5	n/a	ND	
MW-35R	u	1,2-Dichlorobenzene	95-50-1	ug/L	4/15/2013	1	n/a	ND	
MW-35R	u	1,2-Dichlorobenzene	95-50-1	ug/L	4/15/2013	1	n/a	ND	
MW-35R	u	1,4-Dichlorobenzene	106-46-7	ug/L	4/15/2013	1	n/a	ND	
MW-35R	u	1,4-Dichlorobenzene	106-46-7	ug/L	4/15/2013	1	n/a	ND	
MW-35R	u	Ethylbenzene	100-41-4	ug/L	4/15/2013	1	n/a	ND	
MW-35R	u	Ethylbenzene	100-41-4	ug/L	4/15/2013	1	n/a	ND	
MW-35R	u	2-Hexanone	591-78-6	ug/L	4/15/2013	10	n/a	ND	
MW-35R	u	2-Hexanone	591-78-6	ug/L	4/15/2013	10	n/a	ND	
MW-35R	u	Bromomethane	74-83-9	ug/L	4/15/2013	4	n/a	ND	
MW-35R	u	Bromomethane	74-83-9	ug/L	4/15/2013	4	n/a	ND	
MW-35R	u	Chloromethane	74-87-3	ug/L	4/15/2013	3	n/a	ND	
MW-35R	u	Chloromethane	74-87-3	ug/L	4/15/2013	3	n/a	ND	
MW-35R	u	2-Butanone	78-93-3	ug/L	4/15/2013	10	n/a	ND	
MW-35R	u	2-Butanone	78-93-3	ug/L	4/15/2013	10	n/a	ND	
MW-35R	u	Iodomethane	74-88-4	ug/L	4/15/2013	10	n/a	ND	
MW-35R	u	Iodomethane	74-88-4	ug/L	4/15/2013	10	n/a	ND	
MW-35R	u	4-Methyl-2-pentanone	108-10-1	ug/L	4/15/2013	10	n/a	ND	
MW-35R	u	4-Methyl-2-pentanone	108-10-1	ug/L	4/15/2013	10	n/a	ND	
MW-35R	u	Methylene Chloride	75-09-2	ug/L	4/15/2013	5	n/a	ND	
MW-35R	u	Methylene Chloride	75-09-2	ug/L	4/15/2013	5	n/a	ND	
MW-35R	u	Styrene	100-42-5	ug/L	4/15/2013	1	n/a	ND	
MW-35R	u	Styrene	100-42-5	ug/L	4/15/2013	1	n/a	ND	

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Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-35R	u	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	4/15/2013	1	n/a	ND	
MW-35R	u	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	4/15/2013	1	n/a	ND	
MW-35R	u	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	4/15/2013	1	n/a	ND	
MW-35R	u	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	4/15/2013	1	n/a	ND	
MW-35R	u	Tetrachloroethene	127-18-4	ug/L	4/15/2013	1	n/a	ND	
MW-35R	u	Tetrachloroethene	127-18-4	ug/L	4/15/2013	1	n/a	ND	
MW-35R	u	Toluene	108-88-3	ug/L	4/15/2013	1	n/a	ND	
MW-35R	u	Toluene	108-88-3	ug/L	4/15/2013	1	n/a	ND	
MW-35R	u	1,1,1-Trichloroethane	71-55-6	ug/L	4/15/2013	1	n/a	ND	
MW-35R	u	1,1,1-Trichloroethane	71-55-6	ug/L	4/15/2013	1	n/a	ND	
MW-35R	u	1,1,2-Trichloroethane	79-00-5	ug/L	4/15/2013	1	n/a	ND	
MW-35R	u	1,1,2-Trichloroethane	79-00-5	ug/L	4/15/2013	1	n/a	ND	
MW-35R	u	Trichloroethene	79-01-6	ug/L	4/15/2013	1	n/a	ND	
MW-35R	u	Trichloroethene	79-01-6	ug/L	4/15/2013	1	n/a	ND	
MW-35R	u	Trichlorofluoromethane	75-69-4	ug/L	4/15/2013	4	n/a	ND	
MW-35R	u	Trichlorofluoromethane	75-69-4	ug/L	4/15/2013	4	n/a	ND	
MW-35R	u	1,2,3-Trichloropropane	96-18-4	ug/L	4/15/2013	1	n/a	ND	
MW-35R	u	1,2,3-Trichloropropane	96-18-4	ug/L	4/15/2013	1	n/a	ND	
MW-35R	u	Vinyl acetate	108-05-4	ug/L	4/15/2013	2	n/a	ND	
MW-35R	u	Vinyl acetate	108-05-4	ug/L	4/15/2013	2	n/a	ND	
MW-35R	u	Vinyl chloride	75-01-4	ug/L	4/15/2013	1	n/a	ND	
MW-35R	u	Vinyl chloride	75-01-4	ug/L	4/15/2013	1	n/a	ND	
MW-35R	u	Xylenes, total	1330-20-7	ug/L	4/15/2013	3	n/a	ND	
MW-35R	u	Xylenes, total	1330-20-7	ug/L	4/15/2013	3	n/a	ND	
MW-35R	u	Boron	7440-42-8	mg/L	4/15/2013	0.1	n/a	ND	
MW-35R	u	Manganese	7439-96-5	mg/L	4/15/2013	n/a	n/a		0.288
MW-35R	u	Phosphorus	7723-14-0	mg/L	4/15/2013	n/a	n/a		0.677
MW-35R	u	Methylene Bromide	74-95-3	ug/L	4/15/2013	1	n/a	ND	
MW-35R	u	Methylene Bromide	74-95-3	ug/L	4/15/2013	1	n/a	ND	
MW-35R	u	O-Xylene	95-47-6	ug/L	4/15/2013	1	n/a	ND	
MW-35R	u	O-Xylene	95-47-6	ug/L	4/15/2013	1	n/a	ND	
MW-35R	u	M&P-Xylene	179601-23-1	ug/L	4/15/2013	2	n/a	ND	
MW-35R	u	M&P-Xylene	179601-23-1	ug/L	4/15/2013	2	n/a	ND	
MW-36	d	Antimony	7440-36-0	mg/L	4/15/2013	0.006	n/a	ND	
MW-36	d	Arsenic	7440-38-2	mg/L	4/15/2013	0.001	n/a	ND	
MW-36	d	Barium	7440-39-3	mg/L	4/15/2013	n/a	n/a		0.135
MW-36	d	Beryllium	7440-41-7	mg/L	4/15/2013	0.001	n/a	ND	
MW-36	d	Cadmium	7440-43-9	mg/L	4/15/2013	0.0005	n/a	ND	
MW-36	d	Chromium	7440-47-3	mg/L	4/15/2013	0.02	n/a	ND	
MW-36	d	Cobalt	7440-48-4	mg/L	4/15/2013	n/a	n/a		0.00157
MW-36	d	Copper	7440-50-8	mg/L	4/15/2013	0.02	n/a	ND	
MW-36	d	Lead	7439-92-1	mg/L	4/15/2013	0.004	n/a	ND	
MW-36	d	Nickel	7440-02-0	mg/L	4/15/2013	0.05	n/a	ND	
MW-36	d	Selenium	7782-49-2	mg/L	4/15/2013	0.005	n/a	ND	
MW-36	d	Silver	7440-22-4	mg/L	4/15/2013	0.02	n/a	ND	
MW-36	d	Thallium	7440-28-0	mg/L	4/15/2013	0.002	n/a	ND	
MW-36	d	Vanadium	7440-62-2	mg/L	4/15/2013	0.05	n/a	ND	
MW-36	d	Zinc	7440-66-6	mg/L	4/15/2013	0.02	n/a	ND	
MW-36	d	Acetone	67-64-1	ug/L	4/15/2013	10	n/a	ND	
MW-36	d	Acrylonitrile	107-13-1	ug/L	4/15/2013	10	n/a	ND	
MW-36	d	Benzene	71-43-2	ug/L	4/15/2013	0.5	n/a	ND	
MW-36	d	Bromochloromethane	74-97-5	ug/L	4/15/2013	5	n/a	ND	
MW-36	d	Bromodichloromethane	75-27-4	ug/L	4/15/2013	1	n/a	ND	
MW-36	d	Bromoform	75-25-2	ug/L	4/15/2013	5	n/a	ND	
MW-36	d	Carbon disulfide	75-15-0	ug/L	4/15/2013	1	n/a	ND	
MW-36	d	Carbon Tetrachloride	56-23-5	ug/L	4/15/2013	2	n/a	ND	
MW-36	d	Chlorobenzene	108-90-7	ug/L	4/15/2013	1	n/a	ND	
MW-36	d	Chloroethane	75-00-3	ug/L	4/15/2013	4	n/a	ND	
MW-36	d	Chloroform	67-66-3	ug/L	4/15/2013	1	n/a	ND	
MW-36	d	Chlorodibromomethane	124-48-1	ug/L	4/15/2013	5	n/a	ND	
MW-36	d	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	4/15/2013	0.12	n/a	ND	
MW-36	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	4/15/2013	0.13	n/a	ND	
MW-36	d	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	4/15/2013	10	n/a	ND	
MW-36	d	1,1-Dichloroethane	75-34-3	ug/L	4/15/2013	1	n/a	ND	

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Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-36	d	1,2-Dichloroethane	107-06-2	ug/L	4/15/2013	1	n/a	ND	
MW-36	d	1,1-Dichloroethene	75-35-4	ug/L	4/15/2013	2	n/a	ND	
MW-36	d	cis-1,2-Dichloroethene	156-59-2	ug/L	4/15/2013	1	n/a	ND	
MW-36	d	trans-1,2-Dichloroethene	156-60-5	ug/L	4/15/2013	1	n/a	ND	
MW-36	d	1,2-Dichloropropane	78-87-5	ug/L	4/15/2013	1	n/a	ND	
MW-36	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	4/15/2013	5	n/a	ND	
MW-36	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	4/15/2013	5	n/a	ND	
MW-36	d	1,2-Dichlorobenzene	95-50-1	ug/L	4/15/2013	1	n/a	ND	
MW-36	d	1,4-Dichlorobenzene	106-46-7	ug/L	4/15/2013	1	n/a	ND	
MW-36	d	Ethylbenzene	100-41-4	ug/L	4/15/2013	1	n/a	ND	
MW-36	d	2-Hexanone	591-78-6	ug/L	4/15/2013	10	n/a	ND	
MW-36	d	Bromomethane	74-83-9	ug/L	4/15/2013	4	n/a	ND	
MW-36	d	Chloromethane	74-87-3	ug/L	4/15/2013	3	n/a	ND	
MW-36	d	2-Butanone	78-93-3	ug/L	4/15/2013	10	n/a	ND	
MW-36	d	Iodomethane	74-88-4	ug/L	4/15/2013	10	n/a	ND	
MW-36	d	4-Methyl-2-pentanone	108-10-1	ug/L	4/15/2013	10	n/a	ND	
MW-36	d	Methylene Chloride	75-09-2	ug/L	4/15/2013	5	n/a	ND	
MW-36	d	Styrene	100-42-5	ug/L	4/15/2013	1	n/a	ND	
MW-36	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	4/15/2013	1	n/a	ND	
MW-36	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	4/15/2013	1	n/a	ND	
MW-36	d	Tetrachloroethene	127-18-4	ug/L	4/15/2013	1	n/a	ND	
MW-36	d	Toluene	108-88-3	ug/L	4/15/2013	1	n/a	ND	
MW-36	d	1,1,1-Trichloroethane	71-55-6	ug/L	4/15/2013	1	n/a	ND	
MW-36	d	1,1,2-Trichloroethane	79-00-5	ug/L	4/15/2013	1	n/a	ND	
MW-36	d	Trichloroethene	79-01-6	ug/L	4/15/2013	1	n/a	ND	
MW-36	d	Trichlorofluoromethane	75-69-4	ug/L	4/15/2013	4	n/a	ND	
MW-36	d	1,2,3-Trichloropropane	96-18-4	ug/L	4/15/2013	1	n/a	ND	
MW-36	d	Vinyl acetate	108-05-4	ug/L	4/15/2013	2	n/a	ND	
MW-36	d	Vinyl chloride	75-01-4	ug/L	4/15/2013	1	n/a	ND	
MW-36	d	Xylenes, total	1330-20-7	ug/L	4/15/2013	3	n/a	ND	
MW-36	d	Boron	7440-42-8	mg/L	4/15/2013	n/a	n/a		0.427
MW-36	d	Manganese	7439-96-5	mg/L	4/15/2013	0.01	n/a	ND	
MW-36	d	Phosphorus	7723-14-0	mg/L	4/15/2013	0.1	n/a	ND	
MW-36	d	Methylene Bromide	74-95-3	ug/L	4/15/2013	1	n/a	ND	
MW-36	d	O-Xylene	95-47-6	ug/L	4/15/2013	1	n/a	ND	
MW-36	d	M&P-Xylene	179601-23-1	ug/L	4/15/2013	2	n/a	ND	
MW-37	d	Antimony	7440-36-0	mg/L	4/15/2013	0.006	n/a	ND	
MW-37	d	Arsenic	7440-38-2	mg/L	4/15/2013	n/a	n/a		0.0011
MW-37	d	Barium	7440-39-3	mg/L	4/15/2013	n/a	n/a		0.127
MW-37	d	Beryllium	7440-41-7	mg/L	4/15/2013	0.001	n/a	ND	
MW-37	d	Cadmium	7440-43-9	mg/L	4/15/2013	0.0005	n/a	ND	
MW-37	d	Chromium	7440-47-3	mg/L	4/15/2013	0.02	n/a	ND	
MW-37	d	Cobalt	7440-48-4	mg/L	4/15/2013	n/a	n/a		0.00318
MW-37	d	Copper	7440-50-8	mg/L	4/15/2013	0.02	n/a	ND	
MW-37	d	Lead	7439-92-1	mg/L	4/15/2013	0.004	n/a	ND	
MW-37	d	Nickel	7440-02-0	mg/L	4/15/2013	0.05	n/a	ND	
MW-37	d	Selenium	7782-49-2	mg/L	4/15/2013	0.005	n/a	ND	
MW-37	d	Silver	7440-22-4	mg/L	4/15/2013	0.02	n/a	ND	
MW-37	d	Thallium	7440-28-0	mg/L	4/15/2013	0.002	n/a	ND	
MW-37	d	Vanadium	7440-62-2	mg/L	4/15/2013	0.05	n/a	ND	
MW-37	d	Zinc	7440-66-6	mg/L	4/15/2013	n/a	n/a		0.0465
MW-37	d	Acetone	67-64-1	ug/L	4/15/2013	10	n/a	ND	
MW-37	d	Acrylonitrile	107-13-1	ug/L	4/15/2013	10	n/a	ND	
MW-37	d	Benzene	71-43-2	ug/L	4/15/2013	0.5	n/a	ND	
MW-37	d	Bromochloromethane	74-97-5	ug/L	4/15/2013	5	n/a	ND	
MW-37	d	Bromodichloromethane	75-27-4	ug/L	4/15/2013	1	n/a	ND	
MW-37	d	Bromoform	75-25-2	ug/L	4/15/2013	5	n/a	ND	
MW-37	d	Carbon disulfide	75-15-0	ug/L	4/15/2013	1	n/a	ND	
MW-37	d	Carbon Tetrachloride	56-23-5	ug/L	4/15/2013	2	n/a	ND	
MW-37	d	Chlorobenzene	108-90-7	ug/L	4/15/2013	1	n/a	ND	
MW-37	d	Chloroethane	75-00-3	ug/L	4/15/2013	4	n/a	ND	
MW-37	d	Chloroform	67-66-3	ug/L	4/15/2013	1	n/a	ND	
MW-37	d	Chlorodibromomethane	124-48-1	ug/L	4/15/2013	5	n/a	ND	
MW-37	d	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	4/15/2013	0.12	n/a	ND	

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Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-37	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	4/15/2013	0.13	n/a	ND	
MW-37	d	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	4/15/2013	10	n/a	ND	
MW-37	d	1,1-Dichloroethane	75-34-3	ug/L	4/15/2013	1	n/a	ND	
MW-37	d	1,2-Dichloroethane	107-06-2	ug/L	4/15/2013	1	n/a	ND	
MW-37	d	1,1-Dichloroethene	75-35-4	ug/L	4/15/2013	2	n/a	ND	
MW-37	d	cis-1,2-Dichloroethene	156-59-2	ug/L	4/15/2013	1	n/a	ND	
MW-37	d	trans-1,2-Dichloroethene	156-60-5	ug/L	4/15/2013	1	n/a	ND	
MW-37	d	1,2-Dichloropropane	78-87-5	ug/L	4/15/2013	1	n/a	ND	
MW-37	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	4/15/2013	5	n/a	ND	
MW-37	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	4/15/2013	5	n/a	ND	
MW-37	d	1,2-Dichlorobenzene	95-50-1	ug/L	4/15/2013	1	n/a	ND	
MW-37	d	1,4-Dichlorobenzene	106-46-7	ug/L	4/15/2013	1	n/a	ND	
MW-37	d	Ethylbenzene	100-41-4	ug/L	4/15/2013	1	n/a	ND	
MW-37	d	2-Hexanone	591-78-6	ug/L	4/15/2013	10	n/a	ND	
MW-37	d	Bromomethane	74-83-9	ug/L	4/15/2013	4	n/a	ND	
MW-37	d	Chloromethane	74-87-3	ug/L	4/15/2013	3	n/a	ND	
MW-37	d	2-Butanone	78-93-3	ug/L	4/15/2013	10	n/a	ND	
MW-37	d	Iodomethane	74-88-4	ug/L	4/15/2013	10	n/a	ND	
MW-37	d	4-Methyl-2-pentanone	108-10-1	ug/L	4/15/2013	10	n/a	ND	
MW-37	d	Methylene Chloride	75-09-2	ug/L	4/15/2013	5	n/a	ND	
MW-37	d	Styrene	100-42-5	ug/L	4/15/2013	1	n/a	ND	
MW-37	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	4/15/2013	1	n/a	ND	
MW-37	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	4/15/2013	1	n/a	ND	
MW-37	d	Tetrachloroethene	127-18-4	ug/L	4/15/2013	1	n/a	ND	
MW-37	d	Toluene	108-88-3	ug/L	4/15/2013	1	n/a	ND	
MW-37	d	1,1,1-Trichloroethane	71-55-6	ug/L	4/15/2013	1	n/a	ND	
MW-37	d	1,1,2-Trichloroethane	79-00-5	ug/L	4/15/2013	1	n/a	ND	
MW-37	d	Trichloroethene	79-01-6	ug/L	4/15/2013	1	n/a	ND	
MW-37	d	Trichlorofluoromethane	75-69-4	ug/L	4/15/2013	4	n/a	ND	
MW-37	d	1,2,3-Trichloropropane	96-18-4	ug/L	4/15/2013	1	n/a	ND	
MW-37	d	Vinyl acetate	108-05-4	ug/L	4/15/2013	2	n/a	ND	
MW-37	d	Vinyl chloride	75-01-4	ug/L	4/15/2013	1	n/a	ND	
MW-37	d	Xylenes, total	1330-20-7	ug/L	4/15/2013	3	n/a	ND	
MW-37	d	Methylene Bromide	74-95-3	ug/L	4/15/2013	1	n/a	ND	
MW-37	d	O-Xylene	95-47-6	ug/L	4/15/2013	1	n/a	ND	
MW-37	d	M&P-Xylene	179601-23-1	ug/L	4/15/2013	2	n/a	ND	
UO-2	d	Antimony	7440-36-0	mg/L	4/15/2013	0.006	n/a	ND	
UO-2	d	Arsenic	7440-38-2	mg/L	4/15/2013	0.001	n/a	ND	
UO-2	d	Barium	7440-39-3	mg/L	4/15/2013	n/a	n/a		0.0398
UO-2	d	Beryllium	7440-41-7	mg/L	4/15/2013	0.001	n/a	ND	
UO-2	d	Cadmium	7440-43-9	mg/L	4/15/2013	0.0005	n/a	ND	
UO-2	d	Chromium	7440-47-3	mg/L	4/15/2013	0.02	n/a	ND	
UO-2	d	Cobalt	7440-48-4	mg/L	4/15/2013	n/a	n/a		0.00173
UO-2	d	Copper	7440-50-8	mg/L	4/15/2013	0.02	n/a	ND	
UO-2	d	Lead	7439-92-1	mg/L	4/15/2013	0.004	n/a	ND	
UO-2	d	Nickel	7440-02-0	mg/L	4/15/2013	0.05	n/a	ND	
UO-2	d	Selenium	7782-49-2	mg/L	4/15/2013	0.005	n/a	ND	
UO-2	d	Silver	7440-22-4	mg/L	4/15/2013	0.02	n/a	ND	
UO-2	d	Thallium	7440-28-0	mg/L	4/15/2013	0.002	n/a	ND	
UO-2	d	Vanadium	7440-62-2	mg/L	4/15/2013	0.05	n/a	ND	
UO-2	d	Zinc	7440-66-6	mg/L	4/15/2013	n/a	n/a		0.0428
UO-2	d	Acetone	67-64-1	ug/L	4/15/2013	10	n/a	ND	
UO-2	d	Acrylonitrile	107-13-1	ug/L	4/15/2013	10	n/a	ND	
UO-2	d	Benzene	71-43-2	ug/L	4/15/2013	0.5	n/a	ND	
UO-2	d	Bromochloromethane	74-97-5	ug/L	4/15/2013	5	n/a	ND	
UO-2	d	Bromodichloromethane	75-27-4	ug/L	4/15/2013	1	n/a	ND	
UO-2	d	Bromoform	75-25-2	ug/L	4/15/2013	5	n/a	ND	
UO-2	d	Carbon disulfide	75-15-0	ug/L	4/15/2013	1	n/a	ND	
UO-2	d	Carbon Tetrachloride	56-23-5	ug/L	4/15/2013	2	n/a	ND	
UO-2	d	Chlorobenzene	108-90-7	ug/L	4/15/2013	1	n/a	ND	
UO-2	d	Chloroethane	75-00-3	ug/L	4/15/2013	4	n/a	ND	
UO-2	d	Chloroform	67-66-3	ug/L	4/15/2013	1	n/a	ND	
UO-2	d	Chlorodibromomethane	124-48-1	ug/L	4/15/2013	5	n/a	ND	
UO-2	d	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	4/15/2013	0.12	n/a	ND	

Table 9B
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Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
UO-2	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	4/15/2013	0.13	n/a	ND	
UO-2	d	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	4/15/2013	10	n/a	ND	
UO-2	d	1,1-Dichloroethane	75-34-3	ug/L	4/15/2013	1	n/a	ND	
UO-2	d	1,2-Dichloroethane	107-06-2	ug/L	4/15/2013	1	n/a	ND	
UO-2	d	1,1-Dichloroethene	75-35-4	ug/L	4/15/2013	2	n/a	ND	
UO-2	d	cis-1,2-Dichloroethene	156-59-2	ug/L	4/15/2013	1	n/a	ND	
UO-2	d	trans-1,2-Dichloroethene	156-60-5	ug/L	4/15/2013	1	n/a	ND	
UO-2	d	1,2-Dichloropropane	78-87-5	ug/L	4/15/2013	1	n/a	ND	
UO-2	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	4/15/2013	5	n/a	ND	
UO-2	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	4/15/2013	5	n/a	ND	
UO-2	d	1,2-Dichlorobenzene	95-50-1	ug/L	4/15/2013	1	n/a	ND	
UO-2	d	1,4-Dichlorobenzene	106-46-7	ug/L	4/15/2013	1	n/a	ND	
UO-2	d	Ethylbenzene	100-41-4	ug/L	4/15/2013	1	n/a	ND	
UO-2	d	2-Hexanone	591-78-6	ug/L	4/15/2013	10	n/a	ND	
UO-2	d	Bromomethane	74-83-9	ug/L	4/15/2013	4	n/a	ND	
UO-2	d	Chloromethane	74-87-3	ug/L	4/15/2013	3	n/a	ND	
UO-2	d	2-Butanone	78-93-3	ug/L	4/15/2013	10	n/a	ND	
UO-2	d	Iodomethane	74-88-4	ug/L	4/15/2013	10	n/a	ND	
UO-2	d	4-Methyl-2-pentanone	108-10-1	ug/L	4/15/2013	10	n/a	ND	
UO-2	d	Methylene Chloride	75-09-2	ug/L	4/15/2013	5	n/a	ND	
UO-2	d	Styrene	100-42-5	ug/L	4/15/2013	1	n/a	ND	
UO-2	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	4/15/2013	1	n/a	ND	
UO-2	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	4/15/2013	1	n/a	ND	
UO-2	d	Tetrachloroethene	127-18-4	ug/L	4/15/2013	1	n/a	ND	
UO-2	d	Toluene	108-88-3	ug/L	4/15/2013	1	n/a	ND	
UO-2	d	1,1,1-Trichloroethane	71-55-6	ug/L	4/15/2013	1	n/a	ND	
UO-2	d	1,1,2-Trichloroethane	79-00-5	ug/L	4/15/2013	1	n/a	ND	
UO-2	d	Trichloroethene	79-01-6	ug/L	4/15/2013	1	n/a	ND	
UO-2	d	Trichlorofluoromethane	75-69-4	ug/L	4/15/2013	4	n/a	ND	
UO-2	d	1,2,3-Trichloropropane	96-18-4	ug/L	4/15/2013	1	n/a	ND	
UO-2	d	Vinyl acetate	108-05-4	ug/L	4/15/2013	2	n/a	ND	
UO-2	d	Vinyl chloride	75-01-4	ug/L	4/15/2013	1	n/a	ND	
UO-2	d	Xylenes, total	1330-20-7	ug/L	4/15/2013	3	n/a	ND	
UO-2	d	Methylene Bromide	74-95-3	ug/L	4/15/2013	1	n/a	ND	
UO-2	d	O-Xylene	95-47-6	ug/L	4/15/2013	1	n/a	ND	
UO-2	d	M&P-Xylene	179601-23-1	ug/L	4/15/2013	2	n/a	ND	
MW-35R	u	Antimony	7440-36-0	mg/L	10/28/2013	0.006	n/a	ND	
MW-35R	u	Arsenic	7440-38-2	mg/L	10/28/2013	n/a	n/a	J	0.000509
MW-35R	u	Barium	7440-39-3	mg/L	10/28/2013	n/a	n/a		0.234
MW-35R	u	Beryllium	7440-41-7	mg/L	10/28/2013	0.001	n/a	ND	
MW-35R	u	Cadmium	7440-43-9	mg/L	10/28/2013	n/a	n/a	J	0.00014
MW-35R	u	Chromium	7440-47-3	mg/L	10/28/2013	n/a	n/a	J	0.0039
MW-35R	u	Cobalt	7440-48-4	mg/L	10/28/2013	n/a	n/a		0.00462
MW-35R	u	Copper	7440-50-8	mg/L	10/28/2013	n/a	n/a	J	0.00771
MW-35R	u	Lead	7439-92-1	mg/L	10/28/2013	n/a	n/a		0.00651
MW-35R	u	Nickel	7440-02-0	mg/L	10/28/2013	n/a	n/a	J	0.00656
MW-35R	u	Selenium	7782-49-2	mg/L	10/28/2013	0.005	n/a	ND	
MW-35R	u	Silver	7440-22-4	mg/L	10/28/2013	0.02	n/a	ND	
MW-35R	u	Thallium	7440-28-0	mg/L	10/28/2013	0.002	n/a	ND	
MW-35R	u	Vanadium	7440-62-2	mg/L	10/28/2013	n/a	n/a	J	0.0125
MW-35R	u	Zinc	7440-66-6	mg/L	10/28/2013	n/a	n/a		0.0913
MW-35R	u	Acetone	67-64-1	ug/L	10/28/2013	n/a	n/a	J	6
MW-35R	u	Acrylonitrile	107-13-1	ug/L	10/28/2013	10	n/a	ND	
MW-35R	u	Benzene	71-43-2	ug/L	10/28/2013	0.5	n/a	ND	
MW-35R	u	Bromochloromethane	74-97-5	ug/L	10/28/2013	5	n/a	ND	
MW-35R	u	Bromodichloromethane	75-27-4	ug/L	10/28/2013	1	n/a	ND	
MW-35R	u	Bromoform	75-25-2	ug/L	10/28/2013	5	n/a	ND	
MW-35R	u	Carbon disulfide	75-15-0	ug/L	10/28/2013	1	n/a	ND	
MW-35R	u	Carbon Tetrachloride	56-23-5	ug/L	10/28/2013	2	n/a	ND	
MW-35R	u	Chlorobenzene	108-90-7	ug/L	10/28/2013	1	n/a	ND	
MW-35R	u	Chloroethane	75-00-3	ug/L	10/28/2013	4	n/a	ND	
MW-35R	u	Chloroform	67-66-3	ug/L	10/28/2013	1	n/a	ND	
MW-35R	u	Chlorodibromomethane	124-48-1	ug/L	10/28/2013	5	n/a	ND	
MW-35R	u	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	10/28/2013	0.12	n/a	ND	

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Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-35R	u	1,2-Dibromoethane [EDB]	106-93-4	ug/L	10/28/2013	0.13	n/a	ND	
MW-35R	u	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	10/28/2013	10	n/a	ND	
MW-35R	u	1,1-Dichloroethane	75-34-3	ug/L	10/28/2013	1	n/a	ND	
MW-35R	u	1,2-Dichloroethane	107-06-2	ug/L	10/28/2013	1	n/a	ND	
MW-35R	u	1,1-Dichloroethene	75-35-4	ug/L	10/28/2013	2	n/a	ND	
MW-35R	u	cis-1,2-Dichloroethene	156-59-2	ug/L	10/28/2013	1	n/a	ND	
MW-35R	u	trans-1,2-Dichloroethene	156-60-5	ug/L	10/28/2013	1	n/a	ND	
MW-35R	u	1,2-Dichloropropane	78-87-5	ug/L	10/28/2013	1	n/a	ND	
MW-35R	u	cis-1,3-Dichloropropene	10061-01-5	ug/L	10/28/2013	5	n/a	ND	
MW-35R	u	trans-1,3-Dichloropropene	10061-02-6	ug/L	10/28/2013	5	n/a	ND	
MW-35R	u	1,2-Dichlorobenzene	95-50-1	ug/L	10/28/2013	1	n/a	ND	
MW-35R	u	1,4-Dichlorobenzene	106-46-7	ug/L	10/28/2013	1	n/a	ND	
MW-35R	u	Ethylbenzene	100-41-4	ug/L	10/28/2013	1	n/a	ND	
MW-35R	u	2-Hexanone	591-78-6	ug/L	10/28/2013	10	n/a	ND	
MW-35R	u	Bromomethane	74-83-9	ug/L	10/28/2013	4	n/a	ND	
MW-35R	u	Chloromethane	74-87-3	ug/L	10/28/2013	3	n/a	ND	
MW-35R	u	2-Butanone	78-93-3	ug/L	10/28/2013	10	n/a	ND	
MW-35R	u	Iodomethane	74-88-4	ug/L	10/28/2013	10	n/a	ND	
MW-35R	u	4-Methyl-2-pentanone	108-10-1	ug/L	10/28/2013	10	n/a	ND	
MW-35R	u	Methylene Chloride	75-09-2	ug/L	10/28/2013	5	n/a	ND	
MW-35R	u	Styrene	100-42-5	ug/L	10/28/2013	1	n/a	ND	
MW-35R	u	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	10/28/2013	1	n/a	ND	
MW-35R	u	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	10/28/2013	1	n/a	ND	
MW-35R	u	Tetrachloroethene	127-18-4	ug/L	10/28/2013	1	n/a	ND	
MW-35R	u	Toluene	108-88-3	ug/L	10/28/2013	1	n/a	ND	
MW-35R	u	1,1,1-Trichloroethane	71-55-6	ug/L	10/28/2013	1	n/a	ND	
MW-35R	u	1,1,2-Trichloroethane	79-00-5	ug/L	10/28/2013	1	n/a	ND	
MW-35R	u	Trichloroethene	79-01-6	ug/L	10/28/2013	1	n/a	ND	
MW-35R	u	Trichlorofluoromethane	75-69-4	ug/L	10/28/2013	4	n/a	ND	
MW-35R	u	1,2,3-Trichloropropane	96-18-4	ug/L	10/28/2013	1	n/a	ND	
MW-35R	u	Vinyl acetate	108-05-4	ug/L	10/28/2013	2	n/a	ND	
MW-35R	u	Vinyl chloride	75-01-4	ug/L	10/28/2013	1	n/a	ND	
MW-35R	u	Xylenes, total	1330-20-7	ug/L	10/28/2013	3	n/a	ND	
MW-35R	u	Boron	7440-42-8	mg/L	10/28/2013	0.1	n/a	ND	
MW-35R	u	Manganese	7439-96-5	mg/L	10/28/2013	n/a	n/a		0.209
MW-35R	u	Phosphorus	7723-14-0	mg/L	10/28/2013	n/a	n/a		0.338
MW-35R	u	Methylene Bromide	74-95-3	ug/L	10/28/2013	1	n/a	ND	
MW-36	d	Antimony	7440-36-0	mg/L	10/28/2013	0.006	n/a	ND	
MW-36	d	Antimony	7440-36-0	mg/L	10/28/2013	0.006	n/a	ND	
MW-36	d	Arsenic	7440-38-2	mg/L	10/28/2013	0.001	n/a	ND	
MW-36	d	Arsenic	7440-38-2	mg/L	10/28/2013	0.001	n/a	ND	
MW-36	d	Barium	7440-39-3	mg/L	10/28/2013	n/a	n/a		0.211
MW-36	d	Barium	7440-39-3	mg/L	10/28/2013	n/a	n/a		0.216
MW-36	d	Beryllium	7440-41-7	mg/L	10/28/2013	0.001	n/a	ND	
MW-36	d	Beryllium	7440-41-7	mg/L	10/28/2013	0.001	n/a	ND	
MW-36	d	Cadmium	7440-43-9	mg/L	10/28/2013	n/a	n/a	J	0.0000957
MW-36	d	Cadmium	7440-43-9	mg/L	10/28/2013	n/a	n/a	J	0.0000839
MW-36	d	Chromium	7440-47-3	mg/L	10/28/2013	0.02	n/a	ND	
MW-36	d	Chromium	7440-47-3	mg/L	10/28/2013	0.02	n/a	ND	
MW-36	d	Cobalt	7440-48-4	mg/L	10/28/2013	0.00132	n/a	ND	
MW-36	d	Cobalt	7440-48-4	mg/L	10/28/2013	0.00132	n/a	ND	
MW-36	d	Copper	7440-50-8	mg/L	10/28/2013	n/a	n/a	J	0.00486
MW-36	d	Copper	7440-50-8	mg/L	10/28/2013	n/a	n/a	J	0.00461
MW-36	d	Lead	7439-92-1	mg/L	10/28/2013	n/a	n/a	J	0.00166
MW-36	d	Lead	7439-92-1	mg/L	10/28/2013	n/a	n/a	J	0.00177
MW-36	d	Nickel	7440-02-0	mg/L	10/28/2013	n/a	n/a	J	0.00814
MW-36	d	Nickel	7440-02-0	mg/L	10/28/2013	n/a	n/a	J	0.00787
MW-36	d	Selenium	7782-49-2	mg/L	10/28/2013	0.005	n/a	ND	
MW-36	d	Selenium	7782-49-2	mg/L	10/28/2013	0.005	n/a	ND	
MW-36	d	Silver	7440-22-4	mg/L	10/28/2013	0.02	n/a	ND	
MW-36	d	Silver	7440-22-4	mg/L	10/28/2013	0.02	n/a	ND	
MW-36	d	Thallium	7440-28-0	mg/L	10/28/2013	0.002	n/a	ND	
MW-36	d	Thallium	7440-28-0	mg/L	10/28/2013	0.002	n/a	ND	
MW-36	d	Vanadium	7440-62-2	mg/L	10/28/2013	0.05	n/a	ND	

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Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-36	d	Vanadium	7440-62-2	mg/L	10/28/2013	0.05	n/a	ND	
MW-36	d	Zinc	7440-66-6	mg/L	10/28/2013	n/a	n/a		0.0806
MW-36	d	Zinc	7440-66-6	mg/L	10/28/2013	n/a	n/a		0.0584
MW-36	d	Acetone	67-64-1	ug/L	10/28/2013	n/a	n/a	J	5.21
MW-36	d	Acetone	67-64-1	ug/L	10/28/2013	n/a	n/a	J	4.28
MW-36	d	Acrylonitrile	107-13-1	ug/L	10/28/2013	10	n/a	ND	
MW-36	d	Acrylonitrile	107-13-1	ug/L	10/28/2013	10	n/a	ND	
MW-36	d	Benzene	71-43-2	ug/L	10/28/2013	0.5	n/a	ND	
MW-36	d	Benzene	71-43-2	ug/L	10/28/2013	0.5	n/a	ND	
MW-36	d	Bromochloromethane	74-97-5	ug/L	10/28/2013	5	n/a	ND	
MW-36	d	Bromochloromethane	74-97-5	ug/L	10/28/2013	5	n/a	ND	
MW-36	d	Bromodichloromethane	75-27-4	ug/L	10/28/2013	1	n/a	ND	
MW-36	d	Bromodichloromethane	75-27-4	ug/L	10/28/2013	1	n/a	ND	
MW-36	d	Bromoform	75-25-2	ug/L	10/28/2013	5	n/a	ND	
MW-36	d	Bromoform	75-25-2	ug/L	10/28/2013	5	n/a	ND	
MW-36	d	Carbon disulfide	75-15-0	ug/L	10/28/2013	1	n/a	ND	
MW-36	d	Carbon disulfide	75-15-0	ug/L	10/28/2013	1	n/a	ND	
MW-36	d	Carbon Tetrachloride	56-23-5	ug/L	10/28/2013	2	n/a	ND	
MW-36	d	Carbon Tetrachloride	56-23-5	ug/L	10/28/2013	2	n/a	ND	
MW-36	d	Chlorobenzene	108-90-7	ug/L	10/28/2013	1	n/a	ND	
MW-36	d	Chlorobenzene	108-90-7	ug/L	10/28/2013	1	n/a	ND	
MW-36	d	Chloroethane	75-00-3	ug/L	10/28/2013	4	n/a	ND	
MW-36	d	Chloroethane	75-00-3	ug/L	10/28/2013	4	n/a	ND	
MW-36	d	Chloroform	67-66-3	ug/L	10/28/2013	1	n/a	ND	
MW-36	d	Chloroform	67-66-3	ug/L	10/28/2013	1	n/a	ND	
MW-36	d	Chlorodibromomethane	124-48-1	ug/L	10/28/2013	5	n/a	ND	
MW-36	d	Chlorodibromomethane	124-48-1	ug/L	10/28/2013	5	n/a	ND	
MW-36	d	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	10/28/2013	0.12	n/a	ND	
MW-36	d	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	10/28/2013	0.12	n/a	ND	
MW-36	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	10/28/2013	0.13	n/a	ND	
MW-36	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	10/28/2013	0.13	n/a	ND	
MW-36	d	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	10/28/2013	10	n/a	ND	
MW-36	d	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	10/28/2013	10	n/a	ND	
MW-36	d	1,1-Dichloroethane	75-34-3	ug/L	10/28/2013	1	n/a	ND	
MW-36	d	1,1-Dichloroethane	75-34-3	ug/L	10/28/2013	1	n/a	ND	
MW-36	d	1,2-Dichloroethane	107-06-2	ug/L	10/28/2013	1	n/a	ND	
MW-36	d	1,2-Dichloroethane	107-06-2	ug/L	10/28/2013	1	n/a	ND	
MW-36	d	1,1-Dichloroethene	75-35-4	ug/L	10/28/2013	2	n/a	ND	
MW-36	d	1,1-Dichloroethene	75-35-4	ug/L	10/28/2013	2	n/a	ND	
MW-36	d	cis-1,2-Dichloroethene	156-59-2	ug/L	10/28/2013	1	n/a	ND	
MW-36	d	cis-1,2-Dichloroethene	156-59-2	ug/L	10/28/2013	1	n/a	ND	
MW-36	d	trans-1,2-Dichloroethene	156-60-5	ug/L	10/28/2013	1	n/a	ND	
MW-36	d	trans-1,2-Dichloroethene	156-60-5	ug/L	10/28/2013	1	n/a	ND	
MW-36	d	1,2-Dichloropropane	78-87-5	ug/L	10/28/2013	1	n/a	ND	
MW-36	d	1,2-Dichloropropane	78-87-5	ug/L	10/28/2013	1	n/a	ND	
MW-36	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	10/28/2013	5	n/a	ND	
MW-36	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	10/28/2013	5	n/a	ND	
MW-36	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	10/28/2013	5	n/a	ND	
MW-36	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	10/28/2013	5	n/a	ND	
MW-36	d	1,2-Dichlorobenzene	95-50-1	ug/L	10/28/2013	1	n/a	ND	
MW-36	d	1,2-Dichlorobenzene	95-50-1	ug/L	10/28/2013	1	n/a	ND	
MW-36	d	1,4-Dichlorobenzene	106-46-7	ug/L	10/28/2013	1	n/a	ND	
MW-36	d	1,4-Dichlorobenzene	106-46-7	ug/L	10/28/2013	1	n/a	ND	
MW-36	d	Ethylbenzene	100-41-4	ug/L	10/28/2013	1	n/a	ND	
MW-36	d	Ethylbenzene	100-41-4	ug/L	10/28/2013	1	n/a	ND	
MW-36	d	2-Hexanone	591-78-6	ug/L	10/28/2013	10	n/a	ND	
MW-36	d	2-Hexanone	591-78-6	ug/L	10/28/2013	10	n/a	ND	
MW-36	d	Bromomethane	74-83-9	ug/L	10/28/2013	4	n/a	ND	
MW-36	d	Bromomethane	74-83-9	ug/L	10/28/2013	4	n/a	ND	
MW-36	d	Chloromethane	74-87-3	ug/L	10/28/2013	3	n/a	ND	
MW-36	d	Chloromethane	74-87-3	ug/L	10/28/2013	3	n/a	ND	
MW-36	d	2-Butanone	78-93-3	ug/L	10/28/2013	10	n/a	ND	
MW-36	d	2-Butanone	78-93-3	ug/L	10/28/2013	10	n/a	ND	
MW-36	d	Iodomethane	74-88-4	ug/L	10/28/2013	10	n/a	ND	

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Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-36	d	Iodomethane	74-88-4	ug/L	10/28/2013	10	n/a	ND	
MW-36	d	4-Methyl-2-pentanone	108-10-1	ug/L	10/28/2013	10	n/a	ND	
MW-36	d	4-Methyl-2-pentanone	108-10-1	ug/L	10/28/2013	10	n/a	ND	
MW-36	d	Methylene Chloride	75-09-2	ug/L	10/28/2013	5	n/a	ND	
MW-36	d	Methylene Chloride	75-09-2	ug/L	10/28/2013	5	n/a	ND	
MW-36	d	Styrene	100-42-5	ug/L	10/28/2013	1	n/a	ND	
MW-36	d	Styrene	100-42-5	ug/L	10/28/2013	1	n/a	ND	
MW-36	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	10/28/2013	1	n/a	ND	
MW-36	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	10/28/2013	1	n/a	ND	
MW-36	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	10/28/2013	1	n/a	ND	
MW-36	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	10/28/2013	1	n/a	ND	
MW-36	d	Tetrachloroethene	127-18-4	ug/L	10/28/2013	1	n/a	ND	
MW-36	d	Tetrachloroethene	127-18-4	ug/L	10/28/2013	1	n/a	ND	
MW-36	d	Toluene	108-88-3	ug/L	10/28/2013	1	n/a	ND	
MW-36	d	Toluene	108-88-3	ug/L	10/28/2013	1	n/a	ND	
MW-36	d	1,1,1-Trichloroethane	71-55-6	ug/L	10/28/2013	1	n/a	ND	
MW-36	d	1,1,1-Trichloroethane	71-55-6	ug/L	10/28/2013	1	n/a	ND	
MW-36	d	1,1,2-Trichloroethane	79-00-5	ug/L	10/28/2013	1	n/a	ND	
MW-36	d	1,1,2-Trichloroethane	79-00-5	ug/L	10/28/2013	1	n/a	ND	
MW-36	d	Trichloroethene	79-01-6	ug/L	10/28/2013	1	n/a	ND	
MW-36	d	Trichloroethene	79-01-6	ug/L	10/28/2013	1	n/a	ND	
MW-36	d	Trichlorofluoromethane	75-69-4	ug/L	10/28/2013	4	n/a	ND	
MW-36	d	Trichlorofluoromethane	75-69-4	ug/L	10/28/2013	4	n/a	ND	
MW-36	d	1,2,3-Trichloropropane	96-18-4	ug/L	10/28/2013	1	n/a	ND	
MW-36	d	1,2,3-Trichloropropane	96-18-4	ug/L	10/28/2013	1	n/a	ND	
MW-36	d	Vinyl acetate	108-05-4	ug/L	10/28/2013	2	n/a	ND	
MW-36	d	Vinyl acetate	108-05-4	ug/L	10/28/2013	2	n/a	ND	
MW-36	d	Vinyl chloride	75-01-4	ug/L	10/28/2013	1	n/a	ND	
MW-36	d	Vinyl chloride	75-01-4	ug/L	10/28/2013	1	n/a	ND	
MW-36	d	Xylenes, total	1330-20-7	ug/L	10/28/2013	3	n/a	ND	
MW-36	d	Xylenes, total	1330-20-7	ug/L	10/28/2013	3	n/a	ND	
MW-36	d	Boron	7440-42-8	mg/L	10/28/2013	n/a	n/a		0.623
MW-36	d	Manganese	7439-96-5	mg/L	10/28/2013	n/a	n/a		0.0238
MW-36	d	Phosphorus	7723-14-0	mg/L	10/28/2013	0.1	n/a	ND	
MW-36	d	Methylene Bromide	74-95-3	ug/L	10/28/2013	1	n/a	ND	
MW-36	d	Methylene Bromide	74-95-3	ug/L	10/28/2013	1	n/a	ND	
MW-37	d	Antimony	7440-36-0	mg/L	10/28/2013	0.006	n/a	ND	
MW-37	d	Antimony	7440-36-0	mg/L	10/28/2013	0.006	n/a	ND	
MW-37	d	Arsenic	7440-38-2	mg/L	10/28/2013	n/a	n/a	J	0.000626
MW-37	d	Arsenic	7440-38-2	mg/L	10/28/2013	n/a	n/a	J	0.000775
MW-37	d	Barium	7440-39-3	mg/L	10/28/2013	n/a	n/a		0.293
MW-37	d	Barium	7440-39-3	mg/L	10/28/2013	n/a	n/a		0.285
MW-37	d	Beryllium	7440-41-7	mg/L	10/28/2013	0.001	n/a	ND	
MW-37	d	Beryllium	7440-41-7	mg/L	10/28/2013	0.001	n/a	ND	
MW-37	d	Cadmium	7440-43-9	mg/L	10/28/2013	0.0005	n/a	ND	
MW-37	d	Cadmium	7440-43-9	mg/L	10/28/2013	n/a	n/a	J	0.000226
MW-37	d	Chromium	7440-47-3	mg/L	10/28/2013	0.02	n/a	ND	
MW-37	d	Chromium	7440-47-3	mg/L	10/28/2013	n/a	n/a	J	0.00154
MW-37	d	Cobalt	7440-48-4	mg/L	10/28/2013	n/a	n/a		0.00438
MW-37	d	Cobalt	7440-48-4	mg/L	10/28/2013	n/a	n/a		0.00473
MW-37	d	Copper	7440-50-8	mg/L	10/28/2013	0.02	n/a	ND	
MW-37	d	Copper	7440-50-8	mg/L	10/28/2013	0.02	n/a	ND	
MW-37	d	Lead	7439-92-1	mg/L	10/28/2013	n/a	n/a	J	0.00353
MW-37	d	Lead	7439-92-1	mg/L	10/28/2013	n/a	n/a		0.00452
MW-37	d	Nickel	7440-02-0	mg/L	10/28/2013	0.05	n/a	ND	
MW-37	d	Nickel	7440-02-0	mg/L	10/28/2013	0.05	n/a	ND	
MW-37	d	Selenium	7782-49-2	mg/L	10/28/2013	0.005	n/a	ND	
MW-37	d	Selenium	7782-49-2	mg/L	10/28/2013	0.005	n/a	ND	
MW-37	d	Silver	7440-22-4	mg/L	10/28/2013	0.02	n/a	ND	
MW-37	d	Silver	7440-22-4	mg/L	10/28/2013	0.02	n/a	ND	
MW-37	d	Thallium	7440-28-0	mg/L	10/28/2013	0.002	n/a	ND	
MW-37	d	Thallium	7440-28-0	mg/L	10/28/2013	0.002	n/a	ND	
MW-37	d	Vanadium	7440-62-2	mg/L	10/28/2013	n/a	n/a	J	0.00291
MW-37	d	Vanadium	7440-62-2	mg/L	10/28/2013	n/a	n/a	J	0.00359

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MW-37	d	Zinc	7440-66-6	mg/L	10/28/2013	n/a	n/a		0.0889
MW-37	d	Zinc	7440-66-6	mg/L	10/28/2013	n/a	n/a		0.114
MW-37	d	Acetone	67-64-1	ug/L	10/28/2013	n/a	n/a	J	7.62
MW-37	d	Acetone	67-64-1	ug/L	10/28/2013	n/a	n/a	J	4.89
MW-37	d	Acrylonitrile	107-13-1	ug/L	10/28/2013	10	n/a	ND	
MW-37	d	Acrylonitrile	107-13-1	ug/L	10/28/2013	10	n/a	ND	
MW-37	d	Benzene	71-43-2	ug/L	10/28/2013	0.5	n/a	ND	
MW-37	d	Benzene	71-43-2	ug/L	10/28/2013	0.5	n/a	ND	
MW-37	d	Bromochloromethane	74-97-5	ug/L	10/28/2013	5	n/a	ND	
MW-37	d	Bromochloromethane	74-97-5	ug/L	10/28/2013	5	n/a	ND	
MW-37	d	Bromodichloromethane	75-27-4	ug/L	10/28/2013	1	n/a	ND	
MW-37	d	Bromodichloromethane	75-27-4	ug/L	10/28/2013	1	n/a	ND	
MW-37	d	Bromoform	75-25-2	ug/L	10/28/2013	5	n/a	ND	
MW-37	d	Bromoform	75-25-2	ug/L	10/28/2013	5	n/a	ND	
MW-37	d	Carbon disulfide	75-15-0	ug/L	10/28/2013	1	n/a	ND	
MW-37	d	Carbon disulfide	75-15-0	ug/L	10/28/2013	1	n/a	ND	
MW-37	d	Carbon Tetrachloride	56-23-5	ug/L	10/28/2013	2	n/a	ND	
MW-37	d	Carbon Tetrachloride	56-23-5	ug/L	10/28/2013	2	n/a	ND	
MW-37	d	Chlorobenzene	108-90-7	ug/L	10/28/2013	1	n/a	ND	
MW-37	d	Chlorobenzene	108-90-7	ug/L	10/28/2013	1	n/a	ND	
MW-37	d	Chloroethane	75-00-3	ug/L	10/28/2013	4	n/a	ND	
MW-37	d	Chloroethane	75-00-3	ug/L	10/28/2013	4	n/a	ND	
MW-37	d	Chloroform	67-66-3	ug/L	10/28/2013	1	n/a	ND	
MW-37	d	Chloroform	67-66-3	ug/L	10/28/2013	1	n/a	ND	
MW-37	d	Chlorodibromomethane	124-48-1	ug/L	10/28/2013	5	n/a	ND	
MW-37	d	Chlorodibromomethane	124-48-1	ug/L	10/28/2013	5	n/a	ND	
MW-37	d	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	10/28/2013	0.12	n/a	ND	
MW-37	d	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	10/28/2013	0.12	n/a	ND	
MW-37	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	10/28/2013	0.13	n/a	ND	
MW-37	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	10/28/2013	0.13	n/a	ND	
MW-37	d	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	10/28/2013	10	n/a	ND	
MW-37	d	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	10/28/2013	10	n/a	ND	
MW-37	d	1,1-Dichloroethane	75-34-3	ug/L	10/28/2013	1	n/a	ND	
MW-37	d	1,1-Dichloroethane	75-34-3	ug/L	10/28/2013	1	n/a	ND	
MW-37	d	1,2-Dichloroethane	107-06-2	ug/L	10/28/2013	1	n/a	ND	
MW-37	d	1,2-Dichloroethane	107-06-2	ug/L	10/28/2013	1	n/a	ND	
MW-37	d	1,1-Dichloroethene	75-35-4	ug/L	10/28/2013	2	n/a	ND	
MW-37	d	1,1-Dichloroethene	75-35-4	ug/L	10/28/2013	2	n/a	ND	
MW-37	d	cis-1,2-Dichloroethene	156-59-2	ug/L	10/28/2013	1	n/a	ND	
MW-37	d	cis-1,2-Dichloroethene	156-59-2	ug/L	10/28/2013	n/a	n/a	J	0.725
MW-37	d	trans-1,2-Dichloroethene	156-60-5	ug/L	10/28/2013	1	n/a	ND	
MW-37	d	trans-1,2-Dichloroethene	156-60-5	ug/L	10/28/2013	1	n/a	ND	
MW-37	d	1,2-Dichloropropane	78-87-5	ug/L	10/28/2013	1	n/a	ND	
MW-37	d	1,2-Dichloropropane	78-87-5	ug/L	10/28/2013	1	n/a	ND	
MW-37	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	10/28/2013	5	n/a	ND	
MW-37	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	10/28/2013	5	n/a	ND	
MW-37	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	10/28/2013	5	n/a	ND	
MW-37	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	10/28/2013	5	n/a	ND	
MW-37	d	1,2-Dichlorobenzene	95-50-1	ug/L	10/28/2013	1	n/a	ND	
MW-37	d	1,2-Dichlorobenzene	95-50-1	ug/L	10/28/2013	1	n/a	ND	
MW-37	d	1,4-Dichlorobenzene	106-46-7	ug/L	10/28/2013	1	n/a	ND	
MW-37	d	1,4-Dichlorobenzene	106-46-7	ug/L	10/28/2013	1	n/a	ND	
MW-37	d	Ethylbenzene	100-41-4	ug/L	10/28/2013	1	n/a	ND	
MW-37	d	Ethylbenzene	100-41-4	ug/L	10/28/2013	1	n/a	ND	
MW-37	d	2-Hexanone	591-78-6	ug/L	10/28/2013	10	n/a	ND	
MW-37	d	2-Hexanone	591-78-6	ug/L	10/28/2013	10	n/a	ND	
MW-37	d	Bromomethane	74-83-9	ug/L	10/28/2013	4	n/a	ND	
MW-37	d	Bromomethane	74-83-9	ug/L	10/28/2013	4	n/a	ND	
MW-37	d	Chloromethane	74-87-3	ug/L	10/28/2013	3	n/a	ND	
MW-37	d	Chloromethane	74-87-3	ug/L	10/28/2013	3	n/a	ND	
MW-37	d	2-Butanone	78-93-3	ug/L	10/28/2013	10	n/a	ND	
MW-37	d	2-Butanone	78-93-3	ug/L	10/28/2013	10	n/a	ND	
MW-37	d	Iodomethane	74-88-4	ug/L	10/28/2013	10	n/a	ND	
MW-37	d	Iodomethane	74-88-4	ug/L	10/28/2013	10	n/a	ND	

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Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-37	d	4-Methyl-2-pentanone	108-10-1	ug/L	10/28/2013	10	n/a	ND	
MW-37	d	4-Methyl-2-pentanone	108-10-1	ug/L	10/28/2013	10	n/a	ND	
MW-37	d	Methylene Chloride	75-09-2	ug/L	10/28/2013	5	n/a	ND	
MW-37	d	Methylene Chloride	75-09-2	ug/L	10/28/2013	5	n/a	ND	
MW-37	d	Styrene	100-42-5	ug/L	10/28/2013	1	n/a	ND	
MW-37	d	Styrene	100-42-5	ug/L	10/28/2013	1	n/a	ND	
MW-37	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	10/28/2013	1	n/a	ND	
MW-37	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	10/28/2013	1	n/a	ND	
MW-37	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	10/28/2013	1	n/a	ND	
MW-37	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	10/28/2013	1	n/a	ND	
MW-37	d	Tetrachloroethene	127-18-4	ug/L	10/28/2013	1	n/a	ND	
MW-37	d	Tetrachloroethene	127-18-4	ug/L	10/28/2013	1	n/a	ND	
MW-37	d	Toluene	108-88-3	ug/L	10/28/2013	1	n/a	ND	
MW-37	d	Toluene	108-88-3	ug/L	10/28/2013	1	n/a	ND	
MW-37	d	1,1,1-Trichloroethane	71-55-6	ug/L	10/28/2013	1	n/a	ND	
MW-37	d	1,1,1-Trichloroethane	71-55-6	ug/L	10/28/2013	1	n/a	ND	
MW-37	d	1,1,2-Trichloroethane	79-00-5	ug/L	10/28/2013	1	n/a	ND	
MW-37	d	1,1,2-Trichloroethane	79-00-5	ug/L	10/28/2013	1	n/a	ND	
MW-37	d	Trichloroethene	79-01-6	ug/L	10/28/2013	1	n/a	ND	
MW-37	d	Trichloroethene	79-01-6	ug/L	10/28/2013	1	n/a	ND	
MW-37	d	Trichlorofluoromethane	75-69-4	ug/L	10/28/2013	4	n/a	ND	
MW-37	d	Trichlorofluoromethane	75-69-4	ug/L	10/28/2013	4	n/a	ND	
MW-37	d	1,2,3-Trichloropropane	96-18-4	ug/L	10/28/2013	1	n/a	ND	
MW-37	d	1,2,3-Trichloropropane	96-18-4	ug/L	10/28/2013	1	n/a	ND	
MW-37	d	Vinyl acetate	108-05-4	ug/L	10/28/2013	2	n/a	ND	
MW-37	d	Vinyl acetate	108-05-4	ug/L	10/28/2013	2	n/a	ND	
MW-37	d	Vinyl chloride	75-01-4	ug/L	10/28/2013	1	n/a	ND	
MW-37	d	Vinyl chloride	75-01-4	ug/L	10/28/2013	1	n/a	ND	
MW-37	d	Xylenes, total	1330-20-7	ug/L	10/28/2013	3	n/a	ND	
MW-37	d	Xylenes, total	1330-20-7	ug/L	10/28/2013	3	n/a	ND	
MW-37	d	Methylene Bromide	74-95-3	ug/L	10/28/2013	1	n/a	ND	
MW-37	d	Methylene Bromide	74-95-3	ug/L	10/28/2013	1	n/a	ND	
MW-66	d	Antimony	7440-36-0	mg/L	12/17/2013	0.006	n/a	ND	
MW-66	d	Arsenic	7440-38-2	mg/L	12/17/2013	n/a	n/a		0.0011
MW-66	d	Barium	7440-39-3	mg/L	12/17/2013	n/a	n/a		0.202
MW-66	d	Beryllium	7440-41-7	mg/L	12/17/2013	0.001	n/a	ND	
MW-66	d	Cadmium	7440-43-9	mg/L	12/17/2013	0.0005	n/a	ND	
MW-66	d	Chromium	7440-47-3	mg/L	12/17/2013	0.02	n/a	ND	
MW-66	d	Cobalt	7440-48-4	mg/L	12/17/2013	0.00132	n/a	ND	
MW-66	d	Copper	7440-50-8	mg/L	12/17/2013	0.02	n/a	ND	
MW-66	d	Lead	7439-92-1	mg/L	12/17/2013	0.004	n/a	ND	
MW-66	d	Nickel	7440-02-0	mg/L	12/17/2013	n/a	n/a	J	0.0036
MW-66	d	Selenium	7782-49-2	mg/L	12/17/2013	n/a	n/a	J	0.00213
MW-66	d	Silver	7440-22-4	mg/L	12/17/2013	0.02	n/a	ND	
MW-66	d	Thallium	7440-28-0	mg/L	12/17/2013	0.002	n/a	ND	
MW-66	d	Vanadium	7440-62-2	mg/L	12/17/2013	0.05	n/a	ND	
MW-66	d	Zinc	7440-66-6	mg/L	12/17/2013	n/a	n/a		0.0826
MW-66	d	Acetone	67-64-1	ug/L	12/17/2013	10	n/a	ND	
MW-66	d	Acrylonitrile	107-13-1	ug/L	12/17/2013	10	n/a	ND	
MW-66	d	Benzene	71-43-2	ug/L	12/17/2013	0.5	n/a	ND	
MW-66	d	Bromochloromethane	74-97-5	ug/L	12/17/2013	5	n/a	ND	
MW-66	d	Bromodichloromethane	75-27-4	ug/L	12/17/2013	1	n/a	ND	
MW-66	d	Bromoform	75-25-2	ug/L	12/17/2013	5	n/a	ND	
MW-66	d	Carbon disulfide	75-15-0	ug/L	12/17/2013	1	n/a	ND	
MW-66	d	Carbon Tetrachloride	56-23-5	ug/L	12/17/2013	2	n/a	ND	
MW-66	d	Chlorobenzene	108-90-7	ug/L	12/17/2013	1	n/a	ND	
MW-66	d	Chloroethane	75-00-3	ug/L	12/17/2013	4	n/a	ND	
MW-66	d	Chloroform	67-66-3	ug/L	12/17/2013	1	n/a	ND	
MW-66	d	Chlorodibromomethane	124-48-1	ug/L	12/17/2013	5	n/a	ND	
MW-66	d	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	12/17/2013	0.12	n/a	ND	
MW-66	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	12/17/2013	0.13	n/a	ND	
MW-66	d	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	12/17/2013	10	n/a	ND	
MW-66	d	1,1-Dichloroethane	75-34-3	ug/L	12/17/2013	1	n/a	ND	
MW-66	d	1,2-Dichloroethane	107-06-2	ug/L	12/17/2013	1	n/a	ND	

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Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-66	d	1,1-Dichloroethene	75-35-4	ug/L	12/17/2013	2	n/a	ND	
MW-66	d	cis-1,2-Dichloroethene	156-59-2	ug/L	12/17/2013	1	n/a	ND	
MW-66	d	trans-1,2-Dichloroethene	156-60-5	ug/L	12/17/2013	1	n/a	ND	
MW-66	d	1,2-Dichloropropane	78-87-5	ug/L	12/17/2013	1	n/a	ND	
MW-66	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	12/17/2013	5	n/a	ND	
MW-66	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	12/17/2013	5	n/a	ND	
MW-66	d	1,2-Dichlorobenzene	95-50-1	ug/L	12/17/2013	1	n/a	ND	
MW-66	d	1,4-Dichlorobenzene	106-46-7	ug/L	12/17/2013	1	n/a	ND	
MW-66	d	Ethylbenzene	100-41-4	ug/L	12/17/2013	1	n/a	ND	
MW-66	d	2-Hexanone	591-78-6	ug/L	12/17/2013	10	n/a	ND	
MW-66	d	Bromomethane	74-83-9	ug/L	12/17/2013	4	n/a	ND	
MW-66	d	Chloromethane	74-87-3	ug/L	12/17/2013	3	n/a	ND	
MW-66	d	2-Butanone	78-93-3	ug/L	12/17/2013	10	n/a	ND	
MW-66	d	Iodomethane	74-88-4	ug/L	12/17/2013	10	n/a	ND	
MW-66	d	4-Methyl-2-pentanone	108-10-1	ug/L	12/17/2013	10	n/a	ND	
MW-66	d	Methylene Chloride	75-09-2	ug/L	12/17/2013	5	n/a	ND	
MW-66	d	Styrene	100-42-5	ug/L	12/17/2013	1	n/a	ND	
MW-66	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	12/17/2013	1	n/a	ND	
MW-66	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	12/17/2013	1	n/a	ND	
MW-66	d	Tetrachloroethene	127-18-4	ug/L	12/17/2013	1	n/a	ND	
MW-66	d	Toluene	108-88-3	ug/L	12/17/2013	1	n/a	ND	
MW-66	d	1,1,1-Trichloroethane	71-55-6	ug/L	12/17/2013	1	n/a	ND	
MW-66	d	1,1,2-Trichloroethane	79-00-5	ug/L	12/17/2013	1	n/a	ND	
MW-66	d	Trichloroethene	79-01-6	ug/L	12/17/2013	1	n/a	ND	
MW-66	d	Trichlorofluoromethane	75-69-4	ug/L	12/17/2013	4	n/a	ND	
MW-66	d	1,2,3-Trichloropropane	96-18-4	ug/L	12/17/2013	1	n/a	ND	
MW-66	d	Vinyl acetate	108-05-4	ug/L	12/17/2013	2	n/a	ND	
MW-66	d	Vinyl chloride	75-01-4	ug/L	12/17/2013	1	n/a	ND	
MW-66	d	Xylenes, total	1330-20-7	ug/L	12/17/2013	3	n/a	ND	
MW-66	d	Methylene Bromide	74-95-3	ug/L	12/17/2013	1	n/a	ND	
MW-66	d	Total Suspended Solids	TSS	mg/L	12/17/2013	5	n/a	ND	
MW-37	d	Lead	7439-92-1	mg/L	2/12/2014	n/a	n/a		0.0273
MW-37	d	Zinc	7440-66-6	mg/L	2/12/2014	n/a	n/a	o	0.194
MW-37	d	Total Suspended Solids	TSS	mg/L	2/12/2014	n/a	n/a		408
MW-66	d	Antimony	7440-36-0	mg/L	2/12/2014	0.006	n/a	ND	
MW-66	d	Arsenic	7440-38-2	mg/L	2/12/2014	0.001	n/a	ND	
MW-66	d	Barium	7440-39-3	mg/L	2/12/2014	n/a	n/a		0.157
MW-66	d	Beryllium	7440-41-7	mg/L	2/12/2014	0.001	n/a	ND	
MW-66	d	Cadmium	7440-43-9	mg/L	2/12/2014	0.0005	n/a	ND	
MW-66	d	Chromium	7440-47-3	mg/L	2/12/2014	0.02	n/a	ND	
MW-66	d	Cobalt	7440-48-4	mg/L	2/12/2014	0.00132	n/a	ND	
MW-66	d	Copper	7440-50-8	mg/L	2/12/2014	0.02	n/a	ND	
MW-66	d	Lead	7439-92-1	mg/L	2/12/2014	0.004	n/a	ND	
MW-66	d	Nickel	7440-02-0	mg/L	2/12/2014	0.05	n/a	ND	
MW-66	d	Selenium	7782-49-2	mg/L	2/12/2014	0.005	n/a	ND	
MW-66	d	Silver	7440-22-4	mg/L	2/12/2014	0.02	n/a	ND	
MW-66	d	Thallium	7440-28-0	mg/L	2/12/2014	0.002	n/a	ND	
MW-66	d	Vanadium	7440-62-2	mg/L	2/12/2014	0.05	n/a	ND	
MW-66	d	Zinc	7440-66-6	mg/L	2/12/2014	n/a	n/a		0.102
MW-66	d	Acetone	67-64-1	ug/L	2/12/2014	10	n/a	ND	
MW-66	d	Acrylonitrile	107-13-1	ug/L	2/12/2014	10	n/a	ND	
MW-66	d	Benzene	71-43-2	ug/L	2/12/2014	0.5	n/a	ND	
MW-66	d	Bromochloromethane	74-97-5	ug/L	2/12/2014	5	n/a	ND	
MW-66	d	Bromodichloromethane	75-27-4	ug/L	2/12/2014	1	n/a	ND	
MW-66	d	Bromoform	75-25-2	ug/L	2/12/2014	5	n/a	ND	
MW-66	d	Carbon disulfide	75-15-0	ug/L	2/12/2014	1	n/a	ND	
MW-66	d	Carbon Tetrachloride	56-23-5	ug/L	2/12/2014	2	n/a	ND	
MW-66	d	Chlorobenzene	108-90-7	ug/L	2/12/2014	1	n/a	ND	
MW-66	d	Chloroethane	75-00-3	ug/L	2/12/2014	4	n/a	ND	
MW-66	d	Chloroform	67-66-3	ug/L	2/12/2014	1	n/a	ND	
MW-66	d	Chlorodibromomethane	124-48-1	ug/L	2/12/2014	5	n/a	ND	
MW-66	d	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	2/12/2014	0.12	n/a	ND	
MW-66	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	2/12/2014	0.13	n/a	ND	
MW-66	d	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	2/12/2014	10	n/a	ND	

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Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-66	d	1,1-Dichloroethane	75-34-3	ug/L	2/12/2014	1	n/a	ND	
MW-66	d	1,2-Dichloroethane	107-06-2	ug/L	2/12/2014	1	n/a	ND	
MW-66	d	1,1-Dichloroethene	75-35-4	ug/L	2/12/2014	2	n/a	ND	
MW-66	d	cis-1,2-Dichloroethene	156-59-2	ug/L	2/12/2014	1	n/a	ND	
MW-66	d	trans-1,2-Dichloroethene	156-60-5	ug/L	2/12/2014	1	n/a	ND	
MW-66	d	1,2-Dichloropropane	78-87-5	ug/L	2/12/2014	1	n/a	ND	
MW-66	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	2/12/2014	5	n/a	ND	
MW-66	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	2/12/2014	5	n/a	ND	
MW-66	d	1,2-Dichlorobenzene	95-50-1	ug/L	2/12/2014	1	n/a	ND	
MW-66	d	1,4-Dichlorobenzene	106-46-7	ug/L	2/12/2014	1	n/a	ND	
MW-66	d	Ethylbenzene	100-41-4	ug/L	2/12/2014	1	n/a	ND	
MW-66	d	2-Hexanone	591-78-6	ug/L	2/12/2014	10	n/a	ND	
MW-66	d	Bromomethane	74-83-9	ug/L	2/12/2014	4	n/a	ND	
MW-66	d	Chloromethane	74-87-3	ug/L	2/12/2014	3	n/a	ND	
MW-66	d	2-Butanone	78-93-3	ug/L	2/12/2014	10	n/a	ND	
MW-66	d	Iodomethane	74-88-4	ug/L	2/12/2014	10	n/a	ND	
MW-66	d	4-Methyl-2-pentanone	108-10-1	ug/L	2/12/2014	10	n/a	ND	
MW-66	d	Methylene Chloride	75-09-2	ug/L	2/12/2014	5	n/a	ND	
MW-66	d	Styrene	100-42-5	ug/L	2/12/2014	1	n/a	ND	
MW-66	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	2/12/2014	1	n/a	ND	
MW-66	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	2/12/2014	1	n/a	ND	
MW-66	d	Tetrachloroethene	127-18-4	ug/L	2/12/2014	1	n/a	ND	
MW-66	d	Toluene	108-88-3	ug/L	2/12/2014	1	n/a	ND	
MW-66	d	1,1,1-Trichloroethane	71-55-6	ug/L	2/12/2014	1	n/a	ND	
MW-66	d	1,1,2-Trichloroethane	79-00-5	ug/L	2/12/2014	1	n/a	ND	
MW-66	d	Trichloroethene	79-01-6	ug/L	2/12/2014	1	n/a	ND	
MW-66	d	Trichlorofluoromethane	75-69-4	ug/L	2/12/2014	4	n/a	ND	
MW-66	d	1,2,3-Trichloropropane	96-18-4	ug/L	2/12/2014	1	n/a	ND	
MW-66	d	Vinyl acetate	108-05-4	ug/L	2/12/2014	2	n/a	ND	
MW-66	d	Vinyl chloride	75-01-4	ug/L	2/12/2014	1	n/a	ND	
MW-66	d	Xylenes, total	1330-20-7	ug/L	2/12/2014	3	n/a	ND	
MW-66	d	Methylene Bromide	74-95-3	ug/L	2/12/2014	1	n/a	ND	
MW-66	d	Total Suspended Solids	TSS	mg/L	2/12/2014	5	n/a	ND	
MW-35R	u	Antimony	7440-36-0	mg/L	4/9/2014	0.006	n/a	ND	
MW-35R	u	Arsenic	7440-38-2	mg/L	4/9/2014	n/a	n/a		0.00254
MW-35R	u	Barium	7440-39-3	mg/L	4/9/2014	n/a	n/a		0.213
MW-35R	u	Beryllium	7440-41-7	mg/L	4/9/2014	n/a	n/a	J	0.00053
MW-35R	u	Cadmium	7440-43-9	mg/L	4/9/2014	n/a	n/a	J	0.000201
MW-35R	u	Chromium	7440-47-3	mg/L	4/9/2014	0.02	n/a	ND	
MW-35R	u	Cobalt	7440-48-4	mg/L	4/9/2014	n/a	n/a		0.0042
MW-35R	u	Copper	7440-50-8	mg/L	4/9/2014	n/a	n/a	J	0.00622
MW-35R	u	Lead	7439-92-1	mg/L	4/9/2014	n/a	n/a		0.00532
MW-35R	u	Nickel	7440-02-0	mg/L	4/9/2014	n/a	n/a	J	0.00744
MW-35R	u	Selenium	7782-49-2	mg/L	4/9/2014	n/a	n/a	J	0.0015
MW-35R	u	Silver	7440-22-4	mg/L	4/9/2014	0.02	n/a	ND	
MW-35R	u	Thallium	7440-28-0	mg/L	4/9/2014	0.002	n/a	ND	
MW-35R	u	Vanadium	7440-62-2	mg/L	4/9/2014	n/a	n/a	J	0.00895
MW-35R	u	Zinc	7440-66-6	mg/L	4/9/2014	0.02	n/a	ND	
MW-35R	u	Acetone	67-64-1	ug/L	4/9/2014	10	n/a	ND	
MW-35R	u	Acrylonitrile	107-13-1	ug/L	4/9/2014	10	n/a	ND	
MW-35R	u	Benzene	71-43-2	ug/L	4/9/2014	0.5	n/a	ND	
MW-35R	u	Bromochloromethane	74-97-5	ug/L	4/9/2014	5	n/a	ND	
MW-35R	u	Bromodichloromethane	75-27-4	ug/L	4/9/2014	1	n/a	ND	
MW-35R	u	Bromoform	75-25-2	ug/L	4/9/2014	5	n/a	ND	
MW-35R	u	Carbon disulfide	75-15-0	ug/L	4/9/2014	1	n/a	ND	
MW-35R	u	Carbon Tetrachloride	56-23-5	ug/L	4/9/2014	2	n/a	ND	
MW-35R	u	Chlorobenzene	108-90-7	ug/L	4/9/2014	1	n/a	ND	
MW-35R	u	Chloroethane	75-00-3	ug/L	4/9/2014	4	n/a	ND	
MW-35R	u	Chloroform	67-66-3	ug/L	4/9/2014	1	n/a	ND	
MW-35R	u	Chlorodibromomethane	124-48-1	ug/L	4/9/2014	5	n/a	ND	
MW-35R	u	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	4/9/2014	0.12	n/a	ND	
MW-35R	u	1,2-Dibromoethane [EDB]	106-93-4	ug/L	4/9/2014	0.13	n/a	ND	
MW-35R	u	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	4/9/2014	10	n/a	ND	
MW-35R	u	1,1-Dichloroethane	75-34-3	ug/L	4/9/2014	1	n/a	ND	

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Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-35R	u	1,2-Dichloroethane	107-06-2	ug/L	4/9/2014	1	n/a	ND	
MW-35R	u	1,1-Dichloroethene	75-35-4	ug/L	4/9/2014	2	n/a	ND	
MW-35R	u	cis-1,2-Dichloroethene	156-59-2	ug/L	4/9/2014	1	n/a	ND	
MW-35R	u	trans-1,2-Dichloroethene	156-60-5	ug/L	4/9/2014	1	n/a	ND	
MW-35R	u	1,2-Dichloropropane	78-87-5	ug/L	4/9/2014	1	n/a	ND	
MW-35R	u	cis-1,3-Dichloropropene	10061-01-5	ug/L	4/9/2014	5	n/a	ND	
MW-35R	u	trans-1,3-Dichloropropene	10061-02-6	ug/L	4/9/2014	5	n/a	ND	
MW-35R	u	1,2-Dichlorobenzene	95-50-1	ug/L	4/9/2014	1	n/a	ND	
MW-35R	u	1,4-Dichlorobenzene	106-46-7	ug/L	4/9/2014	1	n/a	ND	
MW-35R	u	Ethylbenzene	100-41-4	ug/L	4/9/2014	1	n/a	ND	
MW-35R	u	2-Hexanone	591-78-6	ug/L	4/9/2014	10	n/a	ND	
MW-35R	u	Bromomethane	74-83-9	ug/L	4/9/2014	4	n/a	ND	
MW-35R	u	Chloromethane	74-87-3	ug/L	4/9/2014	3	n/a	ND	
MW-35R	u	2-Butanone	78-93-3	ug/L	4/9/2014	10	n/a	ND	
MW-35R	u	Iodomethane	74-88-4	ug/L	4/9/2014	10	n/a	ND	
MW-35R	u	4-Methyl-2-pentanone	108-10-1	ug/L	4/9/2014	10	n/a	ND	
MW-35R	u	Methylene Chloride	75-09-2	ug/L	4/9/2014	5	n/a	ND	
MW-35R	u	Styrene	100-42-5	ug/L	4/9/2014	1	n/a	ND	
MW-35R	u	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	4/9/2014	1	n/a	ND	
MW-35R	u	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	4/9/2014	1	n/a	ND	
MW-35R	u	Tetrachloroethene	127-18-4	ug/L	4/9/2014	1	n/a	ND	
MW-35R	u	Toluene	108-88-3	ug/L	4/9/2014	1	n/a	ND	
MW-35R	u	1,1,1-Trichloroethane	71-55-6	ug/L	4/9/2014	1	n/a	ND	
MW-35R	u	1,1,2-Trichloroethane	79-00-5	ug/L	4/9/2014	1	n/a	ND	
MW-35R	u	Trichloroethene	79-01-6	ug/L	4/9/2014	1	n/a	ND	
MW-35R	u	Trichlorofluoromethane	75-69-4	ug/L	4/9/2014	4	n/a	ND	
MW-35R	u	1,2,3-Trichloropropane	96-18-4	ug/L	4/9/2014	1	n/a	ND	
MW-35R	u	Vinyl acetate	108-05-4	ug/L	4/9/2014	2	n/a	ND	
MW-35R	u	Vinyl chloride	75-01-4	ug/L	4/9/2014	1	n/a	ND	
MW-35R	u	Xylenes, total	1330-20-7	ug/L	4/9/2014	3	n/a	ND	
MW-35R	u	Methylene Bromide	74-95-3	ug/L	4/9/2014	1	n/a	ND	
MW-36	d	Boron	7440-42-8	mg/L	4/9/2014	n/a	n/a		0.385
MW-37	d	Antimony	7440-36-0	mg/L	4/9/2014	0.006	n/a	ND	
MW-37	d	Arsenic	7440-38-2	mg/L	4/9/2014	n/a	n/a	J	0.000596
MW-37	d	Barium	7440-39-3	mg/L	4/9/2014	n/a	n/a		0.269
MW-37	d	Beryllium	7440-41-7	mg/L	4/9/2014	0.001	n/a	ND	
MW-37	d	Cadmium	7440-43-9	mg/L	4/9/2014	n/a	n/a	J	0.000159
MW-37	d	Chromium	7440-47-3	mg/L	4/9/2014	n/a	n/a	J	0.00416
MW-37	d	Cobalt	7440-48-4	mg/L	4/9/2014	0.00241	n/a	ND	
MW-37	d	Copper	7440-50-8	mg/L	4/9/2014	n/a	n/a	J	0.00465
MW-37	d	Lead	7439-92-1	mg/L	4/9/2014	n/a	n/a	J	0.00177
MW-37	d	Nickel	7440-02-0	mg/L	4/9/2014	n/a	n/a	J	0.00995
MW-37	d	Selenium	7782-49-2	mg/L	4/9/2014	0.005	n/a	ND	
MW-37	d	Silver	7440-22-4	mg/L	4/9/2014	0.02	n/a	ND	
MW-37	d	Thallium	7440-28-0	mg/L	4/9/2014	0.002	n/a	ND	
MW-37	d	Vanadium	7440-62-2	mg/L	4/9/2014	0.05	n/a	ND	
MW-37	d	Zinc	7440-66-6	mg/L	4/9/2014	0.02	n/a	ND	
MW-37	d	Acetone	67-64-1	ug/L	4/9/2014	10	n/a	ND	
MW-37	d	Acrylonitrile	107-13-1	ug/L	4/9/2014	10	n/a	ND	
MW-37	d	Benzene	71-43-2	ug/L	4/9/2014	0.5	n/a	ND	
MW-37	d	Bromochloromethane	74-97-5	ug/L	4/9/2014	5	n/a	ND	
MW-37	d	Bromodichloromethane	75-27-4	ug/L	4/9/2014	1	n/a	ND	
MW-37	d	Bromoform	75-25-2	ug/L	4/9/2014	5	n/a	ND	
MW-37	d	Carbon disulfide	75-15-0	ug/L	4/9/2014	1	n/a	ND	
MW-37	d	Carbon Tetrachloride	56-23-5	ug/L	4/9/2014	2	n/a	ND	
MW-37	d	Chlorobenzene	108-90-7	ug/L	4/9/2014	1	n/a	ND	
MW-37	d	Chloroethane	75-00-3	ug/L	4/9/2014	4	n/a	ND	
MW-37	d	Chloroform	67-66-3	ug/L	4/9/2014	1	n/a	ND	
MW-37	d	Chlorodibromomethane	124-48-1	ug/L	4/9/2014	5	n/a	ND	
MW-37	d	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	4/9/2014	0.12	n/a	ND	
MW-37	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	4/9/2014	0.13	n/a	ND	
MW-37	d	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	4/9/2014	10	n/a	ND	
MW-37	d	1,1-Dichloroethane	75-34-3	ug/L	4/9/2014	1	n/a	ND	
MW-37	d	1,2-Dichloroethane	107-06-2	ug/L	4/9/2014	1	n/a	ND	

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Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-37	d	1,1-Dichloroethene	75-35-4	ug/L	4/9/2014	2	n/a	ND	
MW-37	d	cis-1,2-Dichloroethene	156-59-2	ug/L	4/9/2014	1	n/a	ND	
MW-37	d	trans-1,2-Dichloroethene	156-60-5	ug/L	4/9/2014	1	n/a	ND	
MW-37	d	1,2-Dichloropropane	78-87-5	ug/L	4/9/2014	1	n/a	ND	
MW-37	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	4/9/2014	5	n/a	ND	
MW-37	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	4/9/2014	5	n/a	ND	
MW-37	d	1,2-Dichlorobenzene	95-50-1	ug/L	4/9/2014	1	n/a	ND	
MW-37	d	1,4-Dichlorobenzene	106-46-7	ug/L	4/9/2014	1	n/a	ND	
MW-37	d	Ethylbenzene	100-41-4	ug/L	4/9/2014	1	n/a	ND	
MW-37	d	2-Hexanone	591-78-6	ug/L	4/9/2014	10	n/a	ND	
MW-37	d	Bromomethane	74-83-9	ug/L	4/9/2014	4	n/a	ND	
MW-37	d	Chloromethane	74-87-3	ug/L	4/9/2014	3	n/a	ND	
MW-37	d	2-Butanone	78-93-3	ug/L	4/9/2014	10	n/a	ND	
MW-37	d	Iodomethane	74-88-4	ug/L	4/9/2014	10	n/a	ND	
MW-37	d	4-Methyl-2-pentanone	108-10-1	ug/L	4/9/2014	10	n/a	ND	
MW-37	d	Methylene Chloride	75-09-2	ug/L	4/9/2014	5	n/a	ND	
MW-37	d	Styrene	100-42-5	ug/L	4/9/2014	1	n/a	ND	
MW-37	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	4/9/2014	1	n/a	ND	
MW-37	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	4/9/2014	1	n/a	ND	
MW-37	d	Tetrachloroethene	127-18-4	ug/L	4/9/2014	1	n/a	ND	
MW-37	d	Toluene	108-88-3	ug/L	4/9/2014	1	n/a	ND	
MW-37	d	1,1,1-Trichloroethane	71-55-6	ug/L	4/9/2014	1	n/a	ND	
MW-37	d	1,1,2-Trichloroethane	79-00-5	ug/L	4/9/2014	1	n/a	ND	
MW-37	d	Trichloroethene	79-01-6	ug/L	4/9/2014	1	n/a	ND	
MW-37	d	Trichlorofluoromethane	75-69-4	ug/L	4/9/2014	4	n/a	ND	
MW-37	d	1,2,3-Trichloropropane	96-18-4	ug/L	4/9/2014	1	n/a	ND	
MW-37	d	Vinyl acetate	108-05-4	ug/L	4/9/2014	2	n/a	ND	
MW-37	d	Vinyl chloride	75-01-4	ug/L	4/9/2014	1	n/a	ND	
MW-37	d	Xylenes, total	1330-20-7	ug/L	4/9/2014	3	n/a	ND	
MW-37	d	Methylene Bromide	74-95-3	ug/L	4/9/2014	1	n/a	ND	
MW-37	d	Mercury	7439-97-6	mg/L	4/9/2014	0.0002	n/a	ND	
MW-37	d	Tin	7440-31-5	mg/L	4/9/2014	0.1	n/a	ND	
MW-37	d	Acrolein	107-02-8	ug/L	4/9/2014	10	n/a	ND	
MW-37	d	3-Chloropropene	107-05-1	ug/L	4/9/2014	2	n/a	ND	
MW-37	d	Chloroprene	126-99-8	ug/L	4/9/2014	1	n/a	ND	
MW-37	d	Dichlorodifluoromethane	75-71-8	ug/L	4/9/2014	3	n/a	ND	
MW-37	d	1,3-Dichloropropane	142-28-9	ug/L	4/9/2014	1	n/a	ND	
MW-37	d	2,2-Dichloropropane	594-20-7	ug/L	4/9/2014	4	n/a	ND	
MW-37	d	1,1-Dichloropropene	563-58-6	ug/L	4/9/2014	1	n/a	ND	
MW-37	d	1,3-Dichlorobenzene	541-73-1	ug/L	4/9/2014	1	n/a	ND	
MW-37	d	Ethyl Methacrylate	97-63-2	ug/L	4/9/2014	2	n/a	ND	
MW-37	d	Methacrylonitrile	126-98-7	ug/L	4/9/2014	1	n/a	ND	
MW-37	d	Methyl Methacrylate	80-62-6	ug/L	4/9/2014	2	n/a	ND	
MW-37	d	Naphthalene	91-20-3	ug/L	4/9/2014	5	n/a	ND	
MW-37	d	Propionitrile	107-12-0	ug/L	4/9/2014	10	n/a	ND	
MW-37	d	1,2,4-Trichlorobenzene	120-82-1	ug/L	4/9/2014	5	n/a	ND	
MW-37	d	Acenaphthene	83-32-9	ug/L	4/9/2014	10.5	n/a	ND	
MW-37	d	Acenaphthylene	208-96-8	ug/L	4/9/2014	10.5	n/a	ND	
MW-37	d	Acetophenone	98-86-2	ug/L	4/9/2014	10.5	n/a	ND	
MW-37	d	2-Acetylaminofluorene	53-96-3	ug/L	4/9/2014	10.5	n/a	ND	
MW-37	d	4-Aminobiphenyl	92-67-1	ug/L	4/9/2014	10.5	n/a	ND	
MW-37	d	Anthracene	120-12-7	ug/L	4/9/2014	10.5	n/a	ND	
MW-37	d	Benzo [a] anthracene	56-55-3	ug/L	4/9/2014	10.5	n/a	ND	
MW-37	d	Benzo [b] fluoranthene	205-99-2	ug/L	4/9/2014	10.5	n/a	ND	
MW-37	d	Benzo [k] fluoranthene	207-08-9	ug/L	4/9/2014	10.5	n/a	ND	
MW-37	d	Benzo [g,h,i] perylene	191-24-2	ug/L	4/9/2014	10.5	n/a	ND	
MW-37	d	Benzo [a] pyrene	50-32-8	ug/L	4/9/2014	10.5	n/a	ND	
MW-37	d	Benzyl alcohol	100-51-6	ug/L	4/9/2014	10.5	n/a	ND	
MW-37	d	Bis[2-chloroethoxy]methane	111-91-1	ug/L	4/9/2014	10.5	n/a	ND	
MW-37	d	Bis[2-chloroethyl]ether	111-44-4	ug/L	4/9/2014	10.5	n/a	ND	
MW-37	d	Bis[2-chloroisopropyl]ether	108-60-1	ug/L	4/9/2014	10.5	n/a	ND	
MW-37	d	Bis[2-ethylhexyl]phthalate	117-81-7	ug/L	4/9/2014	n/a	n/a	J	5.52
MW-37	d	4-Bromophenyl phenyl ether	101-55-3	ug/L	4/9/2014	10.5	n/a	ND	
MW-37	d	Butyl benzyl phthalate	85-68-7	ug/L	4/9/2014	10.5	n/a	ND	

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MW-37	d	4-Chloroaniline	106-47-8	ug/L	4/9/2014	10.5	n/a	ND	
MW-37	d	Chlorobenzilate	510-15-6	ug/L	4/9/2014	10.5	n/a	ND	
MW-37	d	4-Chloro-3-methylphenol	59-50-7	ug/L	4/9/2014	10.5	n/a	ND	
MW-37	d	2-Chloronaphthalene	91-58-7	ug/L	4/9/2014	10.5	n/a	ND	
MW-37	d	2-Chlorophenol	95-57-8	ug/L	4/9/2014	10.5	n/a	ND	
MW-37	d	4-Chlorophenyl phenyl ether	7005-72-3	ug/L	4/9/2014	10.5	n/a	ND	
MW-37	d	Chrysene	218-01-9	ug/L	4/9/2014	10.5	n/a	ND	
MW-37	d	3/4-Methylphenol	T-34MP	ug/L	4/9/2014	10.5	n/a	ND	
MW-37	d	2-Methylphenol	95-48-7	ug/L	4/9/2014	10.5	n/a	ND	
MW-37	d	Diallate [cis or trans]	2303-16-4	ug/L	4/9/2014	10.5	n/a	ND	
MW-37	d	Dibenz [a,h] anthracene	53-70-3	ug/L	4/9/2014	10.5	n/a	ND	
MW-37	d	Dibenzofuran	132-64-9	ug/L	4/9/2014	10.5	n/a	ND	
MW-37	d	Di-n-butyl phthalate	84-74-2	ug/L	4/9/2014	10.5	n/a	ND	
MW-37	d	3,3-Dichlorobenzidine	91-94-1	ug/L	4/9/2014	52.6	n/a	ND	
MW-37	d	2,4-Dichlorophenol	120-83-2	ug/L	4/9/2014	10.5	n/a	ND	
MW-37	d	2,6-Dichlorophenol	87-65-0	ug/L	4/9/2014	10.5	n/a	ND	
MW-37	d	Diethyl phthalate	84-66-2	ug/L	4/9/2014	10.5	n/a	ND	
MW-37	d	Thionazin	297-97-2	ug/L	4/9/2014	10.5	n/a	ND	
MW-37	d	7,12-Dimethylbenz [a] anthracene	57-97-6	ug/L	4/9/2014	10.5	n/a	ND	
MW-37	d	Dimethoate	60-51-5	ug/L	4/9/2014	10.5	n/a	ND	
MW-37	d	Dimethylaminoazobenzene	60-11-7	ug/L	4/9/2014	10.5	n/a	ND	
MW-37	d	3,3-Dimethylbenzidine	119-93-7	ug/L	4/9/2014	10.5	n/a	ND	
MW-37	d	2,4-Dimethylphenol	105-67-9	ug/L	4/9/2014	10.5	n/a	ND	
MW-37	d	Dimethyl phthalate	131-11-3	ug/L	4/9/2014	10.5	n/a	ND	
MW-37	d	1,3-Dinitrobenzene	99-65-0	ug/L	4/9/2014	10.5	n/a	ND	
MW-37	d	4,6-Dinitro-2-methylphenol	534-52-1	ug/L	4/9/2014	10.5	n/a	ND	
MW-37	d	2,4-Dinitrophenol	51-28-5	ug/L	4/9/2014	21.1	n/a	ND	
MW-37	d	2,4-Dinitrotoluene	121-14-2	ug/L	4/9/2014	10.5	n/a	ND	
MW-37	d	2,6-Dinitrotoluene	606-20-2	ug/L	4/9/2014	10.5	n/a	ND	
MW-37	d	Di-n-octyl phthalate	117-84-0	ug/L	4/9/2014	21.1	n/a	ND	
MW-37	d	Diphenylamine	122-39-4	ug/L	4/9/2014	10.5	n/a	ND	
MW-37	d	Disulfoton	298-04-4	ug/L	4/9/2014	10.5	n/a	ND	
MW-37	d	Ethyl Methanesulfonate	62-50-0	ug/L	4/9/2014	10.5	n/a	ND	
MW-37	d	Famphur	52-85-7	ug/L	4/9/2014	21.1	n/a	ND	
MW-37	d	Fluoranthene	206-44-0	ug/L	4/9/2014	10.5	n/a	ND	
MW-37	d	Fluorene	86-73-7	ug/L	4/9/2014	10.5	n/a	ND	
MW-37	d	Hexachlorobenzene	118-74-1	ug/L	4/9/2014	10.5	n/a	ND	
MW-37	d	Hexachlorobutadiene	87-68-3	ug/L	4/9/2014	10.5	n/a	ND	
MW-37	d	Hexachlorocyclopentadiene	77-47-4	ug/L	4/9/2014	21.1	n/a	ND	
MW-37	d	Hexachloroethane	67-72-1	ug/L	4/9/2014	10.5	n/a	ND	
MW-37	d	Hexachloropropene	1888-71-7	ug/L	4/9/2014	10.5	n/a	ND	
MW-37	d	Indeno [1,2,3-cd] pyrene	193-39-5	ug/L	4/9/2014	10.5	n/a	ND	
MW-37	d	Isodrin	465-73-6	ug/L	4/9/2014	10.5	n/a	ND	
MW-37	d	Isophorone	78-59-1	ug/L	4/9/2014	10.5	n/a	ND	
MW-37	d	Isosafrole	120-58-1	ug/L	4/9/2014	10.5	n/a	ND	
MW-37	d	Kepon	143-50-0	ug/L	4/9/2014	10.5	n/a	ND	
MW-37	d	Methapyrilene	91-80-5	ug/L	4/9/2014	10.5	n/a	ND	
MW-37	d	3-Methylcholanthrene	56-49-5	ug/L	4/9/2014	10.5	n/a	ND	
MW-37	d	Methyl Methanesulfonate	66-27-3	ug/L	4/9/2014	10.5	n/a	ND	
MW-37	d	2-Methylnaphthalene	91-57-6	ug/L	4/9/2014	10.5	n/a	ND	
MW-37	d	Parathion-methyl	298-00-0	ug/L	4/9/2014	10.5	n/a	ND	
MW-37	d	1,4-Naphthoquinone	130-15-4	ug/L	4/9/2014	10.5	n/a	ND	
MW-37	d	1-Naphthylamine	134-32-7	ug/L	4/9/2014	10.5	n/a	ND	
MW-37	d	2-Naphthylamine	91-59-8	ug/L	4/9/2014	10.5	n/a	ND	
MW-37	d	2-Nitroaniline	88-74-4	ug/L	4/9/2014	10.5	n/a	ND	
MW-37	d	3-Nitroaniline	99-09-2	ug/L	4/9/2014	10.5	n/a	ND	
MW-37	d	4-Nitroaniline	100-01-6	ug/L	4/9/2014	10.5	n/a	ND	
MW-37	d	Nitrobenzene	98-95-3	ug/L	4/9/2014	10.5	n/a	ND	
MW-37	d	2-Nitrophenol	88-75-5	ug/L	4/9/2014	10.5	n/a	ND	
MW-37	d	4-Nitrophenol	100-02-7	ug/L	4/9/2014	10.5	n/a	ND	
MW-37	d	N-Nitrosodi-n-butylamine	924-16-3	ug/L	4/9/2014	10.5	n/a	ND	
MW-37	d	N-Nitrosodiethylamine	55-18-5	ug/L	4/9/2014	10.5	n/a	ND	
MW-37	d	N-Nitrosodimethylamine	62-75-9	ug/L	4/9/2014	10.5	n/a	ND	
MW-37	d	N-Nitrosodiphenylamine	86-30-6	ug/L	4/9/2014	10.5	n/a	ND	

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MW-37	d	N-Nitrosodi-n-propylamine	621-64-7	ug/L	4/9/2014	10.5	n/a	ND	
MW-37	d	N-Nitrosomethylethylamine	10595-95-6	ug/L	4/9/2014	10.5	n/a	ND	
MW-37	d	N-Nitrosopiperidine	100-75-4	ug/L	4/9/2014	10.5	n/a	ND	
MW-37	d	N-Nitrosopyrrolidine	930-55-2	ug/L	4/9/2014	10.5	n/a	ND	
MW-37	d	5-Nitro-o-toluidine	99-55-8	ug/L	4/9/2014	10.5	n/a	ND	
MW-37	d	Parathion-ethyl	56-38-2	ug/L	4/9/2014	10.5	n/a	ND	
MW-37	d	Pentachlorobenzene	608-93-5	ug/L	4/9/2014	10.5	n/a	ND	
MW-37	d	Pentachloronitrobenzene	82-68-8	ug/L	4/9/2014	10.5	n/a	ND	
MW-37	d	Pentachlorophenol [2C]	87-86-5	ug/L	4/9/2014	10.5	n/a	ND	
MW-37	d	Phenacetin	62-44-2	ug/L	4/9/2014	10.5	n/a	ND	
MW-37	d	Phenanthrene	85-01-8	ug/L	4/9/2014	10.5	n/a	ND	
MW-37	d	Phenol	108-95-2	ug/L	4/9/2014	10.5	n/a	ND	
MW-37	d	1,4-Phenylenediamine	106-50-3	ug/L	4/9/2014	10.5	n/a	ND	
MW-37	d	Phorate	298-02-2	ug/L	4/9/2014	10.5	n/a	ND	
MW-37	d	Pronamide	23950-58-5	ug/L	4/9/2014	10.5	n/a	ND	
MW-37	d	Pyrene	129-00-0	ug/L	4/9/2014	10.5	n/a	ND	
MW-37	d	Safrrole	94-59-7	ug/L	4/9/2014	10.5	n/a	ND	
MW-37	d	1,2,4,5-Tetrachlorobenzene	95-94-3	ug/L	4/9/2014	10.5	n/a	ND	
MW-37	d	2,3,4,6-Tetrachlorophenol	58-90-2	ug/L	4/9/2014	10.5	n/a	ND	
MW-37	d	o-Toluidine	95-53-4	ug/L	4/9/2014	10.5	n/a	ND	
MW-37	d	2,4,5-Trichlorophenol	95-95-4	ug/L	4/9/2014	10.5	n/a	ND	
MW-37	d	2,4,6-Trichlorophenol	88-06-2	ug/L	4/9/2014	10.5	n/a	ND	
MW-37	d	O,O,O-Triethyl phosphorothioate	126-68-1	ug/L	4/9/2014	10.5	n/a	ND	
MW-37	d	1,3,5-Trinitrobenzene	99-35-4	ug/L	4/9/2014	10.5	n/a	ND	
MW-37	d	Dinoseb	88-85-7	ug/L	4/9/2014	10.5	n/a	ND	
MW-37	d	Acetonitrile	75-05-8	ug/L	4/9/2014	10000	n/a	ND	
MW-37	d	Isobutanol	78-83-1	mg/L	4/9/2014	10	n/a	ND	
MW-37	d	PCB-1016	12674-11-2	ug/L	4/9/2014	0.889	n/a	ND	
MW-37	d	PCB-1221	11104-28-2	ug/L	4/9/2014	0.889	n/a	ND	
MW-37	d	PCB-1232	11141-16-5	ug/L	4/9/2014	0.889	n/a	ND	
MW-37	d	PCB-1242	53469-21-9	ug/L	4/9/2014	0.889	n/a	ND	
MW-37	d	PCB-1248	12672-29-6	ug/L	4/9/2014	0.889	n/a	ND	
MW-37	d	PCB-1254	11097-69-1	ug/L	4/9/2014	0.889	n/a	ND	
MW-37	d	PCB-1260	11096-82-5	ug/L	4/9/2014	0.889	n/a	ND	
MW-37	d	Cyanide	57-12-5	mg/L	4/9/2014	0.01	n/a	ND	
MW-37	d	Sulfide	18496-25-8	mg/L	4/9/2014	1	n/a	ND	
MW-37	d	2,4-D [2C]	94-75-7	ug/L	4/9/2014	1.02	n/a	ND	
MW-37	d	2,4,5-TP [Silvex] [2C]	93-72-1	ug/L	4/9/2014	1.02	n/a	ND	
MW-37	d	2,4,5-T [2C]	93-76-5	ug/L	4/9/2014	1.02	n/a	ND	
MW-37	d	alpha-BHC	319-84-6	ug/L	4/9/2014	0.034	n/a	ND	
MW-37	d	beta-BHC	319-85-7	ug/L	4/9/2014	n/a	n/a	J	0.00603
MW-37	d	Dieldrin	60-57-1	ug/L	4/9/2014	0.034	n/a	ND	
MW-37	d	4,4'-DDE	72-55-9	ug/L	4/9/2014	0.034	n/a	ND	
MW-37	d	delta-BHC	319-86-8	ug/L	4/9/2014	0.034	n/a	ND	
MW-37	d	Endrin	72-20-8	ug/L	4/9/2014	0.034	n/a	ND	
MW-37	d	gamma-BHC [Lindane]	58-89-9	ug/L	4/9/2014	0.034	n/a	ND	
MW-37	d	Endosulfan II	33213-65-9	ug/L	4/9/2014	0.034	n/a	ND	
MW-37	d	Heptachlor	76-44-8	ug/L	4/9/2014	0.034	n/a	ND	
MW-37	d	4,4'-DDD	72-54-8	ug/L	4/9/2014	0.034	n/a	ND	
MW-37	d	Aldrin	309-00-2	ug/L	4/9/2014	0.034	n/a	ND	
MW-37	d	Endosulfan sulfate	1031-07-8	ug/L	4/9/2014	0.034	n/a	ND	
MW-37	d	Heptachlor epoxide	1024-57-3	ug/L	4/9/2014	0.034	n/a	ND	
MW-37	d	4,4'-DDT	50-29-3	ug/L	4/9/2014	n/a	n/a	J	0.0115
MW-37	d	Endosulfan I	959-98-8	ug/L	4/9/2014	0.034	n/a	ND	
MW-37	d	Methoxychlor	72-43-5	ug/L	4/9/2014	n/a	n/a	J	0.00617
MW-37	d	Toxaphene	8001-35-2	ug/L	4/9/2014	2.13	n/a	ND	
MW-37	d	Endrin aldehyde	7421-93-4	ug/L	4/9/2014	0.034	n/a	ND	
MW-37	d	Chlordane	57-74-9	ug/L	4/9/2014	2.13	n/a	ND	
MW-66	d	Antimony	7440-36-0	mg/L	4/9/2014	0.006	n/a	ND	
MW-66	d	Antimony	7440-36-0	mg/L	4/9/2014	0.006	n/a	ND	
MW-66	d	Arsenic	7440-38-2	mg/L	4/9/2014	n/a	n/a	J	0.00038
MW-66	d	Arsenic	7440-38-2	mg/L	4/9/2014	n/a	n/a	J	0.000697
MW-66	d	Barium	7440-39-3	mg/L	4/9/2014	n/a	n/a		0.155
MW-66	d	Barium	7440-39-3	mg/L	4/9/2014	n/a	n/a		0.155

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Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-66	d	Beryllium	7440-41-7	mg/L	4/9/2014	0.001	n/a	ND	
MW-66	d	Beryllium	7440-41-7	mg/L	4/9/2014	0.001	n/a	ND	
MW-66	d	Cadmium	7440-43-9	mg/L	4/9/2014	0.0005	n/a	ND	
MW-66	d	Cadmium	7440-43-9	mg/L	4/9/2014	0.0005	n/a	ND	
MW-66	d	Chromium	7440-47-3	mg/L	4/9/2014	0.02	n/a	ND	
MW-66	d	Chromium	7440-47-3	mg/L	4/9/2014	0.02	n/a	ND	
MW-66	d	Cobalt	7440-48-4	mg/L	4/9/2014	0.00241	n/a	ND	
MW-66	d	Cobalt	7440-48-4	mg/L	4/9/2014	0.00241	n/a	ND	
MW-66	d	Copper	7440-50-8	mg/L	4/9/2014	0.02	n/a	ND	
MW-66	d	Copper	7440-50-8	mg/L	4/9/2014	0.02	n/a	ND	
MW-66	d	Lead	7439-92-1	mg/L	4/9/2014	0.004	n/a	ND	
MW-66	d	Lead	7439-92-1	mg/L	4/9/2014	0.004	n/a	ND	
MW-66	d	Nickel	7440-02-0	mg/L	4/9/2014	0.05	n/a	ND	
MW-66	d	Nickel	7440-02-0	mg/L	4/9/2014	0.05	n/a	ND	
MW-66	d	Selenium	7782-49-2	mg/L	4/9/2014	n/a	n/a	J	0.00115
MW-66	d	Selenium	7782-49-2	mg/L	4/9/2014	n/a	n/a	J	0.000936
MW-66	d	Silver	7440-22-4	mg/L	4/9/2014	0.02	n/a	ND	
MW-66	d	Silver	7440-22-4	mg/L	4/9/2014	0.02	n/a	ND	
MW-66	d	Thallium	7440-28-0	mg/L	4/9/2014	0.002	n/a	ND	
MW-66	d	Thallium	7440-28-0	mg/L	4/9/2014	0.002	n/a	ND	
MW-66	d	Vanadium	7440-62-2	mg/L	4/9/2014	0.05	n/a	ND	
MW-66	d	Vanadium	7440-62-2	mg/L	4/9/2014	0.05	n/a	ND	
MW-66	d	Zinc	7440-66-6	mg/L	4/9/2014	0.02	n/a	ND	
MW-66	d	Zinc	7440-66-6	mg/L	4/9/2014	0.02	n/a	ND	
MW-66	d	Acetone	67-64-1	ug/L	4/9/2014	10	n/a	ND	
MW-66	d	Acetone	67-64-1	ug/L	4/9/2014	10	n/a	ND	
MW-66	d	Acrylonitrile	107-13-1	ug/L	4/9/2014	10	n/a	ND	
MW-66	d	Acrylonitrile	107-13-1	ug/L	4/9/2014	10	n/a	ND	
MW-66	d	Benzene	71-43-2	ug/L	4/9/2014	0.5	n/a	ND	
MW-66	d	Benzene	71-43-2	ug/L	4/9/2014	0.5	n/a	ND	
MW-66	d	Bromochloromethane	74-97-5	ug/L	4/9/2014	5	n/a	ND	
MW-66	d	Bromochloromethane	74-97-5	ug/L	4/9/2014	5	n/a	ND	
MW-66	d	Bromodichloromethane	75-27-4	ug/L	4/9/2014	1	n/a	ND	
MW-66	d	Bromodichloromethane	75-27-4	ug/L	4/9/2014	1	n/a	ND	
MW-66	d	Bromoform	75-25-2	ug/L	4/9/2014	5	n/a	ND	
MW-66	d	Bromoform	75-25-2	ug/L	4/9/2014	5	n/a	ND	
MW-66	d	Carbon disulfide	75-15-0	ug/L	4/9/2014	1	n/a	ND	
MW-66	d	Carbon disulfide	75-15-0	ug/L	4/9/2014	1	n/a	ND	
MW-66	d	Carbon Tetrachloride	56-23-5	ug/L	4/9/2014	2	n/a	ND	
MW-66	d	Carbon Tetrachloride	56-23-5	ug/L	4/9/2014	2	n/a	ND	
MW-66	d	Chlorobenzene	108-90-7	ug/L	4/9/2014	1	n/a	ND	
MW-66	d	Chlorobenzene	108-90-7	ug/L	4/9/2014	1	n/a	ND	
MW-66	d	Chloroethane	75-00-3	ug/L	4/9/2014	4	n/a	ND	
MW-66	d	Chloroethane	75-00-3	ug/L	4/9/2014	4	n/a	ND	
MW-66	d	Chloroform	67-66-3	ug/L	4/9/2014	1	n/a	ND	
MW-66	d	Chloroform	67-66-3	ug/L	4/9/2014	1	n/a	ND	
MW-66	d	Chlorodibromomethane	124-48-1	ug/L	4/9/2014	5	n/a	ND	
MW-66	d	Chlorodibromomethane	124-48-1	ug/L	4/9/2014	5	n/a	ND	
MW-66	d	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	4/9/2014	0.12	n/a	ND	
MW-66	d	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	4/9/2014	0.12	n/a	ND	
MW-66	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	4/9/2014	0.13	n/a	ND	
MW-66	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	4/9/2014	0.13	n/a	ND	
MW-66	d	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	4/9/2014	10	n/a	ND	
MW-66	d	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	4/9/2014	10	n/a	ND	
MW-66	d	1,1-Dichloroethane	75-34-3	ug/L	4/9/2014	1	n/a	ND	
MW-66	d	1,1-Dichloroethane	75-34-3	ug/L	4/9/2014	1	n/a	ND	
MW-66	d	1,2-Dichloroethane	107-06-2	ug/L	4/9/2014	1	n/a	ND	
MW-66	d	1,2-Dichloroethane	107-06-2	ug/L	4/9/2014	1	n/a	ND	
MW-66	d	1,1-Dichloroethene	75-35-4	ug/L	4/9/2014	2	n/a	ND	
MW-66	d	1,1-Dichloroethene	75-35-4	ug/L	4/9/2014	2	n/a	ND	
MW-66	d	cis-1,2-Dichloroethene	156-59-2	ug/L	4/9/2014	1	n/a	ND	
MW-66	d	cis-1,2-Dichloroethene	156-59-2	ug/L	4/9/2014	1	n/a	ND	
MW-66	d	trans-1,2-Dichloroethene	156-60-5	ug/L	4/9/2014	1	n/a	ND	
MW-66	d	trans-1,2-Dichloroethene	156-60-5	ug/L	4/9/2014	1	n/a	ND	

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Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-66	d	1,2-Dichloropropane	78-87-5	ug/L	4/9/2014	1	n/a	ND	
MW-66	d	1,2-Dichloropropane	78-87-5	ug/L	4/9/2014	1	n/a	ND	
MW-66	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	4/9/2014	5	n/a	ND	
MW-66	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	4/9/2014	5	n/a	ND	
MW-66	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	4/9/2014	5	n/a	ND	
MW-66	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	4/9/2014	5	n/a	ND	
MW-66	d	1,2-Dichlorobenzene	95-50-1	ug/L	4/9/2014	1	n/a	ND	
MW-66	d	1,2-Dichlorobenzene	95-50-1	ug/L	4/9/2014	1	n/a	ND	
MW-66	d	1,4-Dichlorobenzene	106-46-7	ug/L	4/9/2014	1	n/a	ND	
MW-66	d	1,4-Dichlorobenzene	106-46-7	ug/L	4/9/2014	1	n/a	ND	
MW-66	d	Ethylbenzene	100-41-4	ug/L	4/9/2014	1	n/a	ND	
MW-66	d	Ethylbenzene	100-41-4	ug/L	4/9/2014	1	n/a	ND	
MW-66	d	2-Hexanone	591-78-6	ug/L	4/9/2014	10	n/a	ND	
MW-66	d	2-Hexanone	591-78-6	ug/L	4/9/2014	10	n/a	ND	
MW-66	d	Bromomethane	74-83-9	ug/L	4/9/2014	4	n/a	ND	
MW-66	d	Bromomethane	74-83-9	ug/L	4/9/2014	4	n/a	ND	
MW-66	d	Chloromethane	74-87-3	ug/L	4/9/2014	3	n/a	ND	
MW-66	d	Chloromethane	74-87-3	ug/L	4/9/2014	3	n/a	ND	
MW-66	d	2-Butanone	78-93-3	ug/L	4/9/2014	10	n/a	ND	
MW-66	d	2-Butanone	78-93-3	ug/L	4/9/2014	10	n/a	ND	
MW-66	d	Iodomethane	74-88-4	ug/L	4/9/2014	10	n/a	ND	
MW-66	d	Iodomethane	74-88-4	ug/L	4/9/2014	10	n/a	ND	
MW-66	d	4-Methyl-2-pentanone	108-10-1	ug/L	4/9/2014	10	n/a	ND	
MW-66	d	4-Methyl-2-pentanone	108-10-1	ug/L	4/9/2014	10	n/a	ND	
MW-66	d	Methylene Chloride	75-09-2	ug/L	4/9/2014	5	n/a	ND	
MW-66	d	Methylene Chloride	75-09-2	ug/L	4/9/2014	5	n/a	ND	
MW-66	d	Styrene	100-42-5	ug/L	4/9/2014	1	n/a	ND	
MW-66	d	Styrene	100-42-5	ug/L	4/9/2014	1	n/a	ND	
MW-66	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	4/9/2014	1	n/a	ND	
MW-66	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	4/9/2014	1	n/a	ND	
MW-66	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	4/9/2014	1	n/a	ND	
MW-66	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	4/9/2014	1	n/a	ND	
MW-66	d	Tetrachloroethene	127-18-4	ug/L	4/9/2014	1	n/a	ND	
MW-66	d	Tetrachloroethene	127-18-4	ug/L	4/9/2014	1	n/a	ND	
MW-66	d	Toluene	108-88-3	ug/L	4/9/2014	1	n/a	ND	
MW-66	d	Toluene	108-88-3	ug/L	4/9/2014	1	n/a	ND	
MW-66	d	1,1,1-Trichloroethane	71-55-6	ug/L	4/9/2014	1	n/a	ND	
MW-66	d	1,1,1-Trichloroethane	71-55-6	ug/L	4/9/2014	1	n/a	ND	
MW-66	d	1,1,2-Trichloroethane	79-00-5	ug/L	4/9/2014	1	n/a	ND	
MW-66	d	1,1,2-Trichloroethane	79-00-5	ug/L	4/9/2014	1	n/a	ND	
MW-66	d	Trichloroethene	79-01-6	ug/L	4/9/2014	1	n/a	ND	
MW-66	d	Trichloroethene	79-01-6	ug/L	4/9/2014	1	n/a	ND	
MW-66	d	Trichlorofluoromethane	75-69-4	ug/L	4/9/2014	4	n/a	ND	
MW-66	d	Trichlorofluoromethane	75-69-4	ug/L	4/9/2014	4	n/a	ND	
MW-66	d	1,2,3-Trichloropropane	96-18-4	ug/L	4/9/2014	1	n/a	ND	
MW-66	d	1,2,3-Trichloropropane	96-18-4	ug/L	4/9/2014	1	n/a	ND	
MW-66	d	Vinyl acetate	108-05-4	ug/L	4/9/2014	2	n/a	ND	
MW-66	d	Vinyl acetate	108-05-4	ug/L	4/9/2014	2	n/a	ND	
MW-66	d	Vinyl chloride	75-01-4	ug/L	4/9/2014	1	n/a	ND	
MW-66	d	Vinyl chloride	75-01-4	ug/L	4/9/2014	1	n/a	ND	
MW-66	d	Xylenes, total	1330-20-7	ug/L	4/9/2014	3	n/a	ND	
MW-66	d	Xylenes, total	1330-20-7	ug/L	4/9/2014	3	n/a	ND	
MW-66	d	Methylene Bromide	74-95-3	ug/L	4/9/2014	1	n/a	ND	
MW-66	d	Methylene Bromide	74-95-3	ug/L	4/9/2014	1	n/a	ND	
MW-66	d	Antimony	7440-36-0	mg/L	6/10/2014	0.006	n/a	ND	
MW-66	d	Arsenic	7440-38-2	mg/L	6/10/2014	n/a	n/a		0.00117
MW-66	d	Barium	7440-39-3	mg/L	6/10/2014	n/a	n/a		0.173
MW-66	d	Beryllium	7440-41-7	mg/L	6/10/2014	0.001	n/a	ND	
MW-66	d	Cadmium	7440-43-9	mg/L	6/10/2014	0.0005	n/a	ND	
MW-66	d	Chromium	7440-47-3	mg/L	6/10/2014	0.02	n/a	ND	
MW-66	d	Cobalt	7440-48-4	mg/L	6/10/2014	0.00241	n/a	ND	
MW-66	d	Copper	7440-50-8	mg/L	6/10/2014	0.02	n/a	ND	
MW-66	d	Lead	7439-92-1	mg/L	6/10/2014	0.004	n/a	ND	
MW-66	d	Nickel	7440-02-0	mg/L	6/10/2014	0.05	n/a	ND	

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Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-66	d	Selenium	7782-49-2	mg/L	6/10/2014	n/a	n/a	J	0.00187
MW-66	d	Silver	7440-22-4	mg/L	6/10/2014	0.02	n/a	ND	
MW-66	d	Thallium	7440-28-0	mg/L	6/10/2014	0.002	n/a	ND	
MW-66	d	Vanadium	7440-62-2	mg/L	6/10/2014	0.05	n/a	ND	
MW-66	d	Zinc	7440-66-6	mg/L	6/10/2014	0.06	n/a	ND	
MW-66	d	Acetone	67-64-1	ug/L	6/10/2014	10	n/a	ND	
MW-66	d	Acrylonitrile	107-13-1	ug/L	6/10/2014	10	n/a	ND	
MW-66	d	Benzene	71-43-2	ug/L	6/10/2014	0.5	n/a	ND	
MW-66	d	Bromochloromethane	74-97-5	ug/L	6/10/2014	5	n/a	ND	
MW-66	d	Bromodichloromethane	75-27-4	ug/L	6/10/2014	1	n/a	ND	
MW-66	d	Bromoform	75-25-2	ug/L	6/10/2014	5	n/a	ND	
MW-66	d	Carbon disulfide	75-15-0	ug/L	6/10/2014	1	n/a	ND	
MW-66	d	Carbon Tetrachloride	56-23-5	ug/L	6/10/2014	2	n/a	ND	
MW-66	d	Chlorobenzene	108-90-7	ug/L	6/10/2014	1	n/a	ND	
MW-66	d	Chloroethane	75-00-3	ug/L	6/10/2014	4	n/a	ND	
MW-66	d	Chloroform	67-66-3	ug/L	6/10/2014	1	n/a	ND	
MW-66	d	Chlorodibromomethane	124-48-1	ug/L	6/10/2014	5	n/a	ND	
MW-66	d	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	6/10/2014	0.12	n/a	ND	
MW-66	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	6/10/2014	0.13	n/a	ND	
MW-66	d	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	6/10/2014	10	n/a	ND	
MW-66	d	1,1-Dichloroethane	75-34-3	ug/L	6/10/2014	1	n/a	ND	
MW-66	d	1,2-Dichloroethane	107-06-2	ug/L	6/10/2014	1	n/a	ND	
MW-66	d	1,1-Dichloroethene	75-35-4	ug/L	6/10/2014	2	n/a	ND	
MW-66	d	cis-1,2-Dichloroethene	156-59-2	ug/L	6/10/2014	1	n/a	ND	
MW-66	d	trans-1,2-Dichloroethene	156-60-5	ug/L	6/10/2014	1	n/a	ND	
MW-66	d	1,2-Dichloropropane	78-87-5	ug/L	6/10/2014	1	n/a	ND	
MW-66	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	6/10/2014	5	n/a	ND	
MW-66	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	6/10/2014	5	n/a	ND	
MW-66	d	1,2-Dichlorobenzene	95-50-1	ug/L	6/10/2014	1	n/a	ND	
MW-66	d	1,4-Dichlorobenzene	106-46-7	ug/L	6/10/2014	1	n/a	ND	
MW-66	d	Ethylbenzene	100-41-4	ug/L	6/10/2014	1	n/a	ND	
MW-66	d	2-Hexanone	591-78-6	ug/L	6/10/2014	10	n/a	ND	
MW-66	d	Bromomethane	74-83-9	ug/L	6/10/2014	4	n/a	ND	
MW-66	d	Chloromethane	74-87-3	ug/L	6/10/2014	3	n/a	ND	
MW-66	d	2-Butanone	78-93-3	ug/L	6/10/2014	10	n/a	ND	
MW-66	d	Iodomethane	74-88-4	ug/L	6/10/2014	10	n/a	ND	
MW-66	d	4-Methyl-2-pentanone	108-10-1	ug/L	6/10/2014	10	n/a	ND	
MW-66	d	Methylene Chloride	75-09-2	ug/L	6/10/2014	n/a	n/a	J	0.466
MW-66	d	Styrene	100-42-5	ug/L	6/10/2014	1	n/a	ND	
MW-66	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	6/10/2014	1	n/a	ND	
MW-66	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	6/10/2014	1	n/a	ND	
MW-66	d	Tetrachloroethene	127-18-4	ug/L	6/10/2014	1	n/a	ND	
MW-66	d	Toluene	108-88-3	ug/L	6/10/2014	1	n/a	ND	
MW-66	d	1,1,1-Trichloroethane	71-55-6	ug/L	6/10/2014	1	n/a	ND	
MW-66	d	1,1,2-Trichloroethane	79-00-5	ug/L	6/10/2014	1	n/a	ND	
MW-66	d	Trichloroethene	79-01-6	ug/L	6/10/2014	1	n/a	ND	
MW-66	d	Trichlorofluoromethane	75-69-4	ug/L	6/10/2014	4	n/a	ND	
MW-66	d	1,2,3-Trichloropropane	96-18-4	ug/L	6/10/2014	1	n/a	ND	
MW-66	d	Vinyl acetate	108-05-4	ug/L	6/10/2014	2	n/a	ND	
MW-66	d	Vinyl chloride	75-01-4	ug/L	6/10/2014	1	n/a	ND	
MW-66	d	Xylenes, total	1330-20-7	ug/L	6/10/2014	3	n/a	ND	
MW-66	d	Methylene Bromide	74-95-3	ug/L	6/10/2014	1	n/a	ND	
MW-66	d	Antimony	7440-36-0	mg/L	8/26/2014	0.006	n/a	ND	
MW-66	d	Arsenic	7440-38-2	mg/L	8/26/2014	0.001	n/a	ND	
MW-66	d	Barium	7440-39-3	mg/L	8/26/2014	n/a	n/a		0.181
MW-66	d	Beryllium	7440-41-7	mg/L	8/26/2014	0.001	n/a	ND	
MW-66	d	Cadmium	7440-43-9	mg/L	8/26/2014	0.0005	n/a	ND	
MW-66	d	Chromium	7440-47-3	mg/L	8/26/2014	0.02	n/a	ND	
MW-66	d	Cobalt	7440-48-4	mg/L	8/26/2014	0.00241	n/a	ND	
MW-66	d	Copper	7440-50-8	mg/L	8/26/2014	0.02	n/a	ND	
MW-66	d	Lead	7439-92-1	mg/L	8/26/2014	0.004	n/a	ND	
MW-66	d	Nickel	7440-02-0	mg/L	8/26/2014	0.05	n/a	ND	
MW-66	d	Selenium	7782-49-2	mg/L	8/26/2014	0.005	n/a	ND	
MW-66	d	Silver	7440-22-4	mg/L	8/26/2014	0.02	n/a	ND	

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Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-66	d	Thallium	7440-28-0	mg/L	8/26/2014	0.002	n/a	ND	
MW-66	d	Vanadium	7440-62-2	mg/L	8/26/2014	0.05	n/a	ND	
MW-66	d	Zinc	7440-66-6	mg/L	8/26/2014	0.02	n/a	ND	
MW-66	d	Acetone	67-64-1	ug/L	8/26/2014	10	n/a	ND	
MW-66	d	Acrylonitrile	107-13-1	ug/L	8/26/2014	10	n/a	ND	
MW-66	d	Benzene	71-43-2	ug/L	8/26/2014	0.5	n/a	ND	
MW-66	d	Bromochloromethane	74-97-5	ug/L	8/26/2014	5	n/a	ND	
MW-66	d	Bromodichloromethane	75-27-4	ug/L	8/26/2014	1	n/a	ND	
MW-66	d	Bromoform	75-25-2	ug/L	8/26/2014	5	n/a	ND	
MW-66	d	Carbon disulfide	75-15-0	ug/L	8/26/2014	1	n/a	ND	
MW-66	d	Carbon Tetrachloride	56-23-5	ug/L	8/26/2014	2	n/a	ND	
MW-66	d	Chlorobenzene	108-90-7	ug/L	8/26/2014	1	n/a	ND	
MW-66	d	Chloroethane	75-00-3	ug/L	8/26/2014	4	n/a	ND	
MW-66	d	Chloroform	67-66-3	ug/L	8/26/2014	1	n/a	ND	
MW-66	d	Chlorodibromomethane	124-48-1	ug/L	8/26/2014	5	n/a	ND	
MW-66	d	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	8/26/2014	0.12	n/a	ND	
MW-66	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	8/26/2014	0.13	n/a	ND	
MW-66	d	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	8/26/2014	10	n/a	ND	
MW-66	d	1,1-Dichloroethane	75-34-3	ug/L	8/26/2014	1	n/a	ND	
MW-66	d	1,2-Dichloroethane	107-06-2	ug/L	8/26/2014	1	n/a	ND	
MW-66	d	1,1-Dichloroethene	75-35-4	ug/L	8/26/2014	2	n/a	ND	
MW-66	d	cis-1,2-Dichloroethene	156-59-2	ug/L	8/26/2014	1	n/a	ND	
MW-66	d	trans-1,2-Dichloroethene	156-60-5	ug/L	8/26/2014	1	n/a	ND	
MW-66	d	1,2-Dichloropropane	78-87-5	ug/L	8/26/2014	1	n/a	ND	
MW-66	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	8/26/2014	5	n/a	ND	
MW-66	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	8/26/2014	5	n/a	ND	
MW-66	d	1,2-Dichlorobenzene	95-50-1	ug/L	8/26/2014	1	n/a	ND	
MW-66	d	1,4-Dichlorobenzene	106-46-7	ug/L	8/26/2014	1	n/a	ND	
MW-66	d	Ethylbenzene	100-41-4	ug/L	8/26/2014	1	n/a	ND	
MW-66	d	2-Hexanone	591-78-6	ug/L	8/26/2014	10	n/a	ND	
MW-66	d	Bromomethane	74-83-9	ug/L	8/26/2014	4	n/a	ND	
MW-66	d	Chloromethane	74-87-3	ug/L	8/26/2014	3	n/a	ND	
MW-66	d	2-Butanone	78-93-3	ug/L	8/26/2014	10	n/a	ND	
MW-66	d	Iodomethane	74-88-4	ug/L	8/26/2014	10	n/a	ND	
MW-66	d	4-Methyl-2-pentanone	108-10-1	ug/L	8/26/2014	10	n/a	ND	
MW-66	d	Methylene Chloride	75-09-2	ug/L	8/26/2014	5	n/a	ND	
MW-66	d	Styrene	100-42-5	ug/L	8/26/2014	1	n/a	ND	
MW-66	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	8/26/2014	1	n/a	ND	
MW-66	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	8/26/2014	1	n/a	ND	
MW-66	d	Tetrachloroethene	127-18-4	ug/L	8/26/2014	1	n/a	ND	
MW-66	d	Toluene	108-88-3	ug/L	8/26/2014	1	n/a	ND	
MW-66	d	1,1,1-Trichloroethane	71-55-6	ug/L	8/26/2014	1	n/a	ND	
MW-66	d	1,1,2-Trichloroethane	79-00-5	ug/L	8/26/2014	1	n/a	ND	
MW-66	d	Trichloroethene	79-01-6	ug/L	8/26/2014	1	n/a	ND	
MW-66	d	Trichlorofluoromethane	75-69-4	ug/L	8/26/2014	4	n/a	ND	
MW-66	d	1,2,3-Trichloropropane	96-18-4	ug/L	8/26/2014	1	n/a	ND	
MW-66	d	Vinyl acetate	108-05-4	ug/L	8/26/2014	2	n/a	ND	
MW-66	d	Vinyl chloride	75-01-4	ug/L	8/26/2014	1	n/a	ND	
MW-66	d	Xylenes, total	1330-20-7	ug/L	8/26/2014	3	n/a	ND	
MW-66	d	Methylene Bromide	74-95-3	ug/L	8/26/2014	1	n/a	ND	
MW-35R	u	Antimony	7440-36-0	mg/L	10/21/2014	0.006	n/a	ND	
MW-35R	u	Antimony	7440-36-0	mg/L	10/21/2014	0.006	n/a	ND	
MW-35R	u	Arsenic	7440-38-2	mg/L	10/21/2014	n/a	n/a	J	0.000527
MW-35R	u	Arsenic	7440-38-2	mg/L	10/21/2014	n/a	n/a		0.00267
MW-35R	u	Barium	7440-39-3	mg/L	10/21/2014	n/a	n/a		0.237
MW-35R	u	Barium	7440-39-3	mg/L	10/21/2014	n/a	n/a		0.285
MW-35R	u	Beryllium	7440-41-7	mg/L	10/21/2014	n/a	n/a	J	0.000269
MW-35R	u	Beryllium	7440-41-7	mg/L	10/21/2014	n/a	n/a	J	0.000797
MW-35R	u	Cadmium	7440-43-9	mg/L	10/21/2014	n/a	n/a	J	0.000348
MW-35R	u	Cadmium	7440-43-9	mg/L	10/21/2014	n/a	n/a	J	0.000172
MW-35R	u	Chromium	7440-47-3	mg/L	10/21/2014	0.02	n/a	ND	
MW-35R	u	Chromium	7440-47-3	mg/L	10/21/2014	0.02	n/a	ND	
MW-35R	u	Cobalt	7440-48-4	mg/L	10/21/2014	n/a	n/a		0.00403
MW-35R	u	Cobalt	7440-48-4	mg/L	10/21/2014	n/a	n/a		0.00331

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Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-35R	u	Copper	7440-50-8	mg/L	10/21/2014	n/a	n/a	J	0.00679
MW-35R	u	Copper	7440-50-8	mg/L	10/21/2014	n/a	n/a	J	0.0133
MW-35R	u	Lead	7439-92-1	mg/L	10/21/2014	n/a	n/a	J	0.00271
MW-35R	u	Lead	7439-92-1	mg/L	10/21/2014	n/a	n/a		0.011
MW-35R	u	Nickel	7440-02-0	mg/L	10/21/2014	n/a	n/a	J	0.0136
MW-35R	u	Nickel	7440-02-0	mg/L	10/21/2014	n/a	n/a	J	0.0117
MW-35R	u	Selenium	7782-49-2	mg/L	10/21/2014	0.005	n/a	ND	
MW-35R	u	Selenium	7782-49-2	mg/L	10/21/2014	0.005	n/a	ND	
MW-35R	u	Silver	7440-22-4	mg/L	10/21/2014	0.02	n/a	ND	
MW-35R	u	Silver	7440-22-4	mg/L	10/21/2014	0.02	n/a	ND	
MW-35R	u	Thallium	7440-28-0	mg/L	10/21/2014	0.002	n/a	ND	
MW-35R	u	Thallium	7440-28-0	mg/L	10/21/2014	0.002	n/a	ND	
MW-35R	u	Vanadium	7440-62-2	mg/L	10/21/2014	n/a	n/a	J	0.00933
MW-35R	u	Vanadium	7440-62-2	mg/L	10/21/2014	n/a	n/a	J	0.0059
MW-35R	u	Zinc	7440-66-6	mg/L	10/21/2014	n/a	n/a		0.032
MW-35R	u	Zinc	7440-66-6	mg/L	10/21/2014	n/a	n/a	J	0.0166
MW-35R	u	Acetone	67-64-1	ug/L	10/21/2014	10	n/a	ND	
MW-35R	u	Acetone	67-64-1	ug/L	10/21/2014	10	n/a	ND	
MW-35R	u	Acrylonitrile	107-13-1	ug/L	10/21/2014	10	n/a	ND	
MW-35R	u	Acrylonitrile	107-13-1	ug/L	10/21/2014	10	n/a	ND	
MW-35R	u	Benzene	71-43-2	ug/L	10/21/2014	0.5	n/a	ND	
MW-35R	u	Benzene	71-43-2	ug/L	10/21/2014	0.5	n/a	ND	
MW-35R	u	Bromochloromethane	74-97-5	ug/L	10/21/2014	5	n/a	ND	
MW-35R	u	Bromochloromethane	74-97-5	ug/L	10/21/2014	5	n/a	ND	
MW-35R	u	Bromodichloromethane	75-27-4	ug/L	10/21/2014	1	n/a	ND	
MW-35R	u	Bromodichloromethane	75-27-4	ug/L	10/21/2014	1	n/a	ND	
MW-35R	u	Bromoform	75-25-2	ug/L	10/21/2014	5	n/a	ND	
MW-35R	u	Bromoform	75-25-2	ug/L	10/21/2014	5	n/a	ND	
MW-35R	u	Carbon disulfide	75-15-0	ug/L	10/21/2014	1	n/a	ND	
MW-35R	u	Carbon disulfide	75-15-0	ug/L	10/21/2014	1	n/a	ND	
MW-35R	u	Carbon Tetrachloride	56-23-5	ug/L	10/21/2014	2	n/a	ND	
MW-35R	u	Carbon Tetrachloride	56-23-5	ug/L	10/21/2014	2	n/a	ND	
MW-35R	u	Chlorobenzene	108-90-7	ug/L	10/21/2014	1	n/a	ND	
MW-35R	u	Chlorobenzene	108-90-7	ug/L	10/21/2014	1	n/a	ND	
MW-35R	u	Chloroethane	75-00-3	ug/L	10/21/2014	4	n/a	ND	
MW-35R	u	Chloroethane	75-00-3	ug/L	10/21/2014	4	n/a	ND	
MW-35R	u	Chloroform	67-66-3	ug/L	10/21/2014	1	n/a	ND	
MW-35R	u	Chloroform	67-66-3	ug/L	10/21/2014	1	n/a	ND	
MW-35R	u	Chlorodibromomethane	124-48-1	ug/L	10/21/2014	5	n/a	ND	
MW-35R	u	Chlorodibromomethane	124-48-1	ug/L	10/21/2014	5	n/a	ND	
MW-35R	u	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	10/21/2014	0.12	n/a	ND	
MW-35R	u	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	10/21/2014	0.12	n/a	ND	
MW-35R	u	1,2-Dibromoethane [EDB]	106-93-4	ug/L	10/21/2014	0.13	n/a	ND	
MW-35R	u	1,2-Dibromoethane [EDB]	106-93-4	ug/L	10/21/2014	0.13	n/a	ND	
MW-35R	u	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	10/21/2014	10	n/a	ND	
MW-35R	u	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	10/21/2014	10	n/a	ND	
MW-35R	u	1,1-Dichloroethane	75-34-3	ug/L	10/21/2014	1	n/a	ND	
MW-35R	u	1,1-Dichloroethane	75-34-3	ug/L	10/21/2014	1	n/a	ND	
MW-35R	u	1,2-Dichloroethane	107-06-2	ug/L	10/21/2014	1	n/a	ND	
MW-35R	u	1,2-Dichloroethane	107-06-2	ug/L	10/21/2014	1	n/a	ND	
MW-35R	u	1,1-Dichloroethene	75-35-4	ug/L	10/21/2014	2	n/a	ND	
MW-35R	u	1,1-Dichloroethene	75-35-4	ug/L	10/21/2014	2	n/a	ND	
MW-35R	u	cis-1,2-Dichloroethene	156-59-2	ug/L	10/21/2014	1	n/a	ND	
MW-35R	u	cis-1,2-Dichloroethene	156-59-2	ug/L	10/21/2014	1	n/a	ND	
MW-35R	u	trans-1,2-Dichloroethene	156-60-5	ug/L	10/21/2014	1	n/a	ND	
MW-35R	u	trans-1,2-Dichloroethene	156-60-5	ug/L	10/21/2014	1	n/a	ND	
MW-35R	u	1,2-Dichloropropane	78-87-5	ug/L	10/21/2014	1	n/a	ND	
MW-35R	u	1,2-Dichloropropane	78-87-5	ug/L	10/21/2014	1	n/a	ND	
MW-35R	u	cis-1,3-Dichloropropene	10061-01-5	ug/L	10/21/2014	5	n/a	ND	
MW-35R	u	cis-1,3-Dichloropropene	10061-01-5	ug/L	10/21/2014	5	n/a	ND	
MW-35R	u	trans-1,3-Dichloropropene	10061-02-6	ug/L	10/21/2014	5	n/a	ND	
MW-35R	u	trans-1,3-Dichloropropene	10061-02-6	ug/L	10/21/2014	5	n/a	ND	
MW-35R	u	1,2-Dichlorobenzene	95-50-1	ug/L	10/21/2014	1	n/a	ND	
MW-35R	u	1,2-Dichlorobenzene	95-50-1	ug/L	10/21/2014	1	n/a	ND	

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Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-35R	u	1,4-Dichlorobenzene	106-46-7	ug/L	10/21/2014	1	n/a	ND	
MW-35R	u	1,4-Dichlorobenzene	106-46-7	ug/L	10/21/2014	1	n/a	ND	
MW-35R	u	Ethylbenzene	100-41-4	ug/L	10/21/2014	1	n/a	ND	
MW-35R	u	Ethylbenzene	100-41-4	ug/L	10/21/2014	1	n/a	ND	
MW-35R	u	2-Hexanone	591-78-6	ug/L	10/21/2014	10	n/a	ND	
MW-35R	u	2-Hexanone	591-78-6	ug/L	10/21/2014	10	n/a	ND	
MW-35R	u	Bromomethane	74-83-9	ug/L	10/21/2014	4	n/a	ND	
MW-35R	u	Bromomethane	74-83-9	ug/L	10/21/2014	4	n/a	ND	
MW-35R	u	Chloromethane	74-87-3	ug/L	10/21/2014	3	n/a	ND	
MW-35R	u	Chloromethane	74-87-3	ug/L	10/21/2014	3	n/a	ND	
MW-35R	u	2-Butanone	78-93-3	ug/L	10/21/2014	10	n/a	ND	
MW-35R	u	2-Butanone	78-93-3	ug/L	10/21/2014	10	n/a	ND	
MW-35R	u	Iodomethane	74-88-4	ug/L	10/21/2014	10	n/a	ND	
MW-35R	u	Iodomethane	74-88-4	ug/L	10/21/2014	10	n/a	ND	
MW-35R	u	4-Methyl-2-pentanone	108-10-1	ug/L	10/21/2014	10	n/a	ND	
MW-35R	u	4-Methyl-2-pentanone	108-10-1	ug/L	10/21/2014	10	n/a	ND	
MW-35R	u	Methylene Chloride	75-09-2	ug/L	10/21/2014	5	n/a	ND	
MW-35R	u	Methylene Chloride	75-09-2	ug/L	10/21/2014	5	n/a	ND	
MW-35R	u	Styrene	100-42-5	ug/L	10/21/2014	1	n/a	ND	
MW-35R	u	Styrene	100-42-5	ug/L	10/21/2014	1	n/a	ND	
MW-35R	u	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	10/21/2014	1	n/a	ND	
MW-35R	u	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	10/21/2014	1	n/a	ND	
MW-35R	u	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	10/21/2014	1	n/a	ND	
MW-35R	u	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	10/21/2014	1	n/a	ND	
MW-35R	u	Tetrachloroethene	127-18-4	ug/L	10/21/2014	1	n/a	ND	
MW-35R	u	Tetrachloroethene	127-18-4	ug/L	10/21/2014	1	n/a	ND	
MW-35R	u	Toluene	108-88-3	ug/L	10/21/2014	1	n/a	ND	
MW-35R	u	Toluene	108-88-3	ug/L	10/21/2014	1	n/a	ND	
MW-35R	u	1,1,1-Trichloroethane	71-55-6	ug/L	10/21/2014	1	n/a	ND	
MW-35R	u	1,1,1-Trichloroethane	71-55-6	ug/L	10/21/2014	1	n/a	ND	
MW-35R	u	1,1,2-Trichloroethane	79-00-5	ug/L	10/21/2014	1	n/a	ND	
MW-35R	u	1,1,2-Trichloroethane	79-00-5	ug/L	10/21/2014	1	n/a	ND	
MW-35R	u	Trichloroethene	79-01-6	ug/L	10/21/2014	1	n/a	ND	
MW-35R	u	Trichloroethene	79-01-6	ug/L	10/21/2014	1	n/a	ND	
MW-35R	u	Trichlorofluoromethane	75-69-4	ug/L	10/21/2014	4	n/a	ND	
MW-35R	u	Trichlorofluoromethane	75-69-4	ug/L	10/21/2014	4	n/a	ND	
MW-35R	u	1,2,3-Trichloropropane	96-18-4	ug/L	10/21/2014	1	n/a	ND	
MW-35R	u	1,2,3-Trichloropropane	96-18-4	ug/L	10/21/2014	1	n/a	ND	
MW-35R	u	Vinyl acetate	108-05-4	ug/L	10/21/2014	10	n/a	ND	
MW-35R	u	Vinyl acetate	108-05-4	ug/L	10/21/2014	10	n/a	ND	
MW-35R	u	Vinyl chloride	75-01-4	ug/L	10/21/2014	1	n/a	ND	
MW-35R	u	Vinyl chloride	75-01-4	ug/L	10/21/2014	1	n/a	ND	
MW-35R	u	Xylenes, total	1330-20-7	ug/L	10/21/2014	3	n/a	ND	
MW-35R	u	Xylenes, total	1330-20-7	ug/L	10/21/2014	3	n/a	ND	
MW-35R	u	Methylene Bromide	74-95-3	ug/L	10/21/2014	1	n/a	ND	
MW-35R	u	Methylene Bromide	74-95-3	ug/L	10/21/2014	1	n/a	ND	
MW-35R	u	Total Suspended Solids	TSS	mg/L	10/21/2014	n/a	n/a		358
MW-35R	u	Total Suspended Solids	TSS	mg/L	10/21/2014	n/a	n/a		540
MW-36	d	Boron	7440-42-8	mg/L	10/21/2014	n/a	n/a		0.633
MW-37	d	Antimony	7440-36-0	mg/L	10/21/2014	0.006	n/a	ND	
MW-37	d	Arsenic	7440-38-2	mg/L	10/21/2014	0.001	n/a	ND	
MW-37	d	Barium	7440-39-3	mg/L	10/21/2014	n/a	n/a		0.206
MW-37	d	Beryllium	7440-41-7	mg/L	10/21/2014	0.001	n/a	ND	
MW-37	d	Cadmium	7440-43-9	mg/L	10/21/2014	n/a	n/a	J	0.000314
MW-37	d	Chromium	7440-47-3	mg/L	10/21/2014	0.02	n/a	ND	
MW-37	d	Cobalt	7440-48-4	mg/L	10/21/2014	n/a	n/a		0.00331
MW-37	d	Copper	7440-50-8	mg/L	10/21/2014	n/a	n/a	J	0.00717
MW-37	d	Lead	7439-92-1	mg/L	10/21/2014	0.004	n/a	ND	
MW-37	d	Nickel	7440-02-0	mg/L	10/21/2014	n/a	n/a	J	0.0169
MW-37	d	Selenium	7782-49-2	mg/L	10/21/2014	0.005	n/a	ND	
MW-37	d	Silver	7440-22-4	mg/L	10/21/2014	n/a	n/a	J	0.00256
MW-37	d	Thallium	7440-28-0	mg/L	10/21/2014	0.002	n/a	ND	
MW-37	d	Vanadium	7440-62-2	mg/L	10/21/2014	n/a	n/a	J	0.00327
MW-37	d	Zinc	7440-66-6	mg/L	10/21/2014	0.02	n/a	ND	

Table 9B
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Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-37	d	Acetone	67-64-1	ug/L	10/21/2014	10	n/a	ND	
MW-37	d	Acrylonitrile	107-13-1	ug/L	10/21/2014	10	n/a	ND	
MW-37	d	Benzene	71-43-2	ug/L	10/21/2014	0.5	n/a	ND	
MW-37	d	Bromochloromethane	74-97-5	ug/L	10/21/2014	5	n/a	ND	
MW-37	d	Bromodichloromethane	75-27-4	ug/L	10/21/2014	1	n/a	ND	
MW-37	d	Bromoform	75-25-2	ug/L	10/21/2014	5	n/a	ND	
MW-37	d	Carbon disulfide	75-15-0	ug/L	10/21/2014	1	n/a	ND	
MW-37	d	Carbon Tetrachloride	56-23-5	ug/L	10/21/2014	2	n/a	ND	
MW-37	d	Chlorobenzene	108-90-7	ug/L	10/21/2014	1	n/a	ND	
MW-37	d	Chloroethane	75-00-3	ug/L	10/21/2014	4	n/a	ND	
MW-37	d	Chloroform	67-66-3	ug/L	10/21/2014	1	n/a	ND	
MW-37	d	Chlorodibromomethane	124-48-1	ug/L	10/21/2014	5	n/a	ND	
MW-37	d	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	10/21/2014	0.12	n/a	ND	
MW-37	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	10/21/2014	0.13	n/a	ND	
MW-37	d	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	10/21/2014	10	n/a	ND	
MW-37	d	1,1-Dichloroethane	75-34-3	ug/L	10/21/2014	1	n/a	ND	
MW-37	d	1,2-Dichloroethane	107-06-2	ug/L	10/21/2014	1	n/a	ND	
MW-37	d	1,1-Dichloroethene	75-35-4	ug/L	10/21/2014	2	n/a	ND	
MW-37	d	cis-1,2-Dichloroethene	156-59-2	ug/L	10/21/2014	1	n/a	ND	
MW-37	d	trans-1,2-Dichloroethene	156-60-5	ug/L	10/21/2014	1	n/a	ND	
MW-37	d	1,2-Dichloropropane	78-87-5	ug/L	10/21/2014	1	n/a	ND	
MW-37	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	10/21/2014	5	n/a	ND	
MW-37	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	10/21/2014	5	n/a	ND	
MW-37	d	1,2-Dichlorobenzene	95-50-1	ug/L	10/21/2014	1	n/a	ND	
MW-37	d	1,4-Dichlorobenzene	106-46-7	ug/L	10/21/2014	1	n/a	ND	
MW-37	d	Ethylbenzene	100-41-4	ug/L	10/21/2014	1	n/a	ND	
MW-37	d	2-Hexanone	591-78-6	ug/L	10/21/2014	10	n/a	ND	
MW-37	d	Bromomethane	74-83-9	ug/L	10/21/2014	4	n/a	ND	
MW-37	d	Chloromethane	74-87-3	ug/L	10/21/2014	3	n/a	ND	
MW-37	d	2-Butanone	78-93-3	ug/L	10/21/2014	10	n/a	ND	
MW-37	d	Iodomethane	74-88-4	ug/L	10/21/2014	10	n/a	ND	
MW-37	d	4-Methyl-2-pentanone	108-10-1	ug/L	10/21/2014	10	n/a	ND	
MW-37	d	Methylene Chloride	75-09-2	ug/L	10/21/2014	5	n/a	ND	
MW-37	d	Styrene	100-42-5	ug/L	10/21/2014	1	n/a	ND	
MW-37	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	10/21/2014	1	n/a	ND	
MW-37	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	10/21/2014	1	n/a	ND	
MW-37	d	Tetrachloroethene	127-18-4	ug/L	10/21/2014	1	n/a	ND	
MW-37	d	Toluene	108-88-3	ug/L	10/21/2014	1	n/a	ND	
MW-37	d	1,1,1-Trichloroethane	71-55-6	ug/L	10/21/2014	1	n/a	ND	
MW-37	d	1,1,2-Trichloroethane	79-00-5	ug/L	10/21/2014	1	n/a	ND	
MW-37	d	Trichloroethene	79-01-6	ug/L	10/21/2014	1	n/a	ND	
MW-37	d	Trichlorofluoromethane	75-69-4	ug/L	10/21/2014	4	n/a	ND	
MW-37	d	1,2,3-Trichloropropane	96-18-4	ug/L	10/21/2014	1	n/a	ND	
MW-37	d	Vinyl acetate	108-05-4	ug/L	10/21/2014	10	n/a	ND	
MW-37	d	Vinyl chloride	75-01-4	ug/L	10/21/2014	1	n/a	ND	
MW-37	d	Xylenes, total	1330-20-7	ug/L	10/21/2014	3	n/a	ND	
MW-37	d	Methylene Bromide	74-95-3	ug/L	10/21/2014	1	n/a	ND	
MW-37	d	Total Suspended Solids	TSS	mg/L	10/21/2014	n/a	n/a		5.33
MW-66	d	Antimony	7440-36-0	mg/L	10/21/2014	0.006	n/a	ND	
MW-66	d	Arsenic	7440-38-2	mg/L	10/21/2014	0.001	n/a	ND	
MW-66	d	Barium	7440-39-3	mg/L	10/21/2014	n/a	n/a		0.185
MW-66	d	Beryllium	7440-41-7	mg/L	10/21/2014	0.001	n/a	ND	
MW-66	d	Cadmium	7440-43-9	mg/L	10/21/2014	0.0005	n/a	ND	
MW-66	d	Chromium	7440-47-3	mg/L	10/21/2014	0.02	n/a	ND	
MW-66	d	Cobalt	7440-48-4	mg/L	10/21/2014	0.00241	n/a	ND	
MW-66	d	Copper	7440-50-8	mg/L	10/21/2014	n/a	n/a	J	0.00527
MW-66	d	Lead	7439-92-1	mg/L	10/21/2014	0.004	n/a	ND	
MW-66	d	Nickel	7440-02-0	mg/L	10/21/2014	n/a	n/a	J	0.0102
MW-66	d	Selenium	7782-49-2	mg/L	10/21/2014	0.005	n/a	ND	
MW-66	d	Silver	7440-22-4	mg/L	10/21/2014	0.02	n/a	ND	
MW-66	d	Thallium	7440-28-0	mg/L	10/21/2014	0.002	n/a	ND	
MW-66	d	Vanadium	7440-62-2	mg/L	10/21/2014	0.05	n/a	ND	
MW-66	d	Zinc	7440-66-6	mg/L	10/21/2014	0.02	n/a	ND	
MW-66	d	Acetone	67-64-1	ug/L	10/21/2014	10	n/a	ND	

Table 9B
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Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-66	d	Acrylonitrile	107-13-1	ug/L	10/21/2014	10	n/a	ND	
MW-66	d	Benzene	71-43-2	ug/L	10/21/2014	0.5	n/a	ND	
MW-66	d	Bromochloromethane	74-97-5	ug/L	10/21/2014	5	n/a	ND	
MW-66	d	Bromodichloromethane	75-27-4	ug/L	10/21/2014	1	n/a	ND	
MW-66	d	Bromoform	75-25-2	ug/L	10/21/2014	5	n/a	ND	
MW-66	d	Carbon disulfide	75-15-0	ug/L	10/21/2014	1	n/a	ND	
MW-66	d	Carbon Tetrachloride	56-23-5	ug/L	10/21/2014	2	n/a	ND	
MW-66	d	Chlorobenzene	108-90-7	ug/L	10/21/2014	1	n/a	ND	
MW-66	d	Chloroethane	75-00-3	ug/L	10/21/2014	4	n/a	ND	
MW-66	d	Chloroform	67-66-3	ug/L	10/21/2014	1	n/a	ND	
MW-66	d	Chlorodibromomethane	124-48-1	ug/L	10/21/2014	5	n/a	ND	
MW-66	d	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	10/21/2014	0.12	n/a	ND	
MW-66	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	10/21/2014	0.13	n/a	ND	
MW-66	d	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	10/21/2014	10	n/a	ND	
MW-66	d	1,1-Dichloroethane	75-34-3	ug/L	10/21/2014	1	n/a	ND	
MW-66	d	1,2-Dichloroethane	107-06-2	ug/L	10/21/2014	1	n/a	ND	
MW-66	d	1,1-Dichloroethene	75-35-4	ug/L	10/21/2014	2	n/a	ND	
MW-66	d	cis-1,2-Dichloroethene	156-59-2	ug/L	10/21/2014	1	n/a	ND	
MW-66	d	trans-1,2-Dichloroethene	156-60-5	ug/L	10/21/2014	1	n/a	ND	
MW-66	d	1,2-Dichloropropane	78-87-5	ug/L	10/21/2014	1	n/a	ND	
MW-66	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	10/21/2014	5	n/a	ND	
MW-66	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	10/21/2014	5	n/a	ND	
MW-66	d	1,2-Dichlorobenzene	95-50-1	ug/L	10/21/2014	1	n/a	ND	
MW-66	d	1,4-Dichlorobenzene	106-46-7	ug/L	10/21/2014	1	n/a	ND	
MW-66	d	Ethylbenzene	100-41-4	ug/L	10/21/2014	1	n/a	ND	
MW-66	d	2-Hexanone	591-78-6	ug/L	10/21/2014	10	n/a	ND	
MW-66	d	Bromomethane	74-83-9	ug/L	10/21/2014	4	n/a	ND	
MW-66	d	Chloromethane	74-87-3	ug/L	10/21/2014	3	n/a	ND	
MW-66	d	2-Butanone	78-93-3	ug/L	10/21/2014	10	n/a	ND	
MW-66	d	Iodomethane	74-88-4	ug/L	10/21/2014	10	n/a	ND	
MW-66	d	4-Methyl-2-pentanone	108-10-1	ug/L	10/21/2014	10	n/a	ND	
MW-66	d	Methylene Chloride	75-09-2	ug/L	10/21/2014	5	n/a	ND	
MW-66	d	Styrene	100-42-5	ug/L	10/21/2014	1	n/a	ND	
MW-66	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	10/21/2014	1	n/a	ND	
MW-66	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	10/21/2014	1	n/a	ND	
MW-66	d	Tetrachloroethene	127-18-4	ug/L	10/21/2014	1	n/a	ND	
MW-66	d	Toluene	108-88-3	ug/L	10/21/2014	1	n/a	ND	
MW-66	d	1,1,1-Trichloroethane	71-55-6	ug/L	10/21/2014	1	n/a	ND	
MW-66	d	1,1,2-Trichloroethane	79-00-5	ug/L	10/21/2014	1	n/a	ND	
MW-66	d	Trichloroethene	79-01-6	ug/L	10/21/2014	1	n/a	ND	
MW-66	d	Trichlorofluoromethane	75-69-4	ug/L	10/21/2014	4	n/a	ND	
MW-66	d	1,2,3-Trichloropropane	96-18-4	ug/L	10/21/2014	1	n/a	ND	
MW-66	d	Vinyl acetate	108-05-4	ug/L	10/21/2014	10	n/a	ND	
MW-66	d	Vinyl chloride	75-01-4	ug/L	10/21/2014	1	n/a	ND	
MW-66	d	Xylenes, total	1330-20-7	ug/L	10/21/2014	3	n/a	ND	
MW-66	d	Methylene Bromide	74-95-3	ug/L	10/21/2014	1	n/a	ND	
MW-66	d	Total Suspended Solids	TSS	mg/L	10/21/2014	1.88	n/a	ND	
MW-35R	u	Antimony	7440-36-0	mg/L	4/14/2015	0.001	n/a	ND	
MW-35R	u	Arsenic	7440-38-2	mg/L	4/14/2015	0.002	n/a	ND	
MW-35R	u	Barium	7440-39-3	mg/L	4/14/2015	n/a	n/a		0.224
MW-35R	u	Beryllium	7440-41-7	mg/L	4/14/2015	0.001	n/a	ND	
MW-35R	u	Cadmium	7440-43-9	mg/L	4/14/2015	0.0005	n/a	ND	
MW-35R	u	Chromium	7440-47-3	mg/L	4/14/2015	0.005	n/a	ND	
MW-35R	u	Cobalt	7440-48-4	mg/L	4/14/2015	n/a	n/a		0.00712
MW-35R	u	Copper	7440-50-8	mg/L	4/14/2015	n/a	n/a		0.00966
MW-35R	u	Lead	7439-92-1	mg/L	4/14/2015	n/a	n/a		0.00508
MW-35R	u	Nickel	7440-02-0	mg/L	4/14/2015	n/a	n/a		0.00733
MW-35R	u	Selenium	7782-49-2	mg/L	4/14/2015	0.005	n/a	ND	
MW-35R	u	Silver	7440-22-4	mg/L	4/14/2015	0.001	n/a	ND	
MW-35R	u	Thallium	7440-28-0	mg/L	4/14/2015	0.001	n/a	ND	
MW-35R	u	Vanadium	7440-62-2	mg/L	4/14/2015	n/a	n/a		0.0109
MW-35R	u	Zinc	7440-66-6	mg/L	4/14/2015	n/a	n/a		0.0209
MW-35R	u	Acetone	67-64-1	ug/L	4/14/2015	10	n/a	ND	
MW-35R	u	Acrylonitrile	107-13-1	ug/L	4/14/2015	10	n/a	ND	

Table 9B
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Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-35R	u	Benzene	71-43-2	ug/L	4/14/2015	0.5	n/a	ND	
MW-35R	u	Bromochloromethane	74-97-5	ug/L	4/14/2015	5	n/a	ND	
MW-35R	u	Bromodichloromethane	75-27-4	ug/L	4/14/2015	1	n/a	ND	
MW-35R	u	Bromoform	75-25-2	ug/L	4/14/2015	5	n/a	ND	
MW-35R	u	Carbon disulfide	75-15-0	ug/L	4/14/2015	1	n/a	ND	
MW-35R	u	Carbon Tetrachloride	56-23-5	ug/L	4/14/2015	2	n/a	ND	
MW-35R	u	Chlorobenzene	108-90-7	ug/L	4/14/2015	1	n/a	ND	
MW-35R	u	Chloroethane	75-00-3	ug/L	4/14/2015	4	n/a	ND	
MW-35R	u	Chloroform	67-66-3	ug/L	4/14/2015	1	n/a	ND	
MW-35R	u	Chlorodibromomethane	124-48-1	ug/L	4/14/2015	5	n/a	ND	
MW-35R	u	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	4/14/2015	0.5	n/a	ND	
MW-35R	u	1,2-Dibromoethane [EDB]	106-93-4	ug/L	4/14/2015	0.13	n/a	ND	
MW-35R	u	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	4/14/2015	10	n/a	ND	
MW-35R	u	1,1-Dichloroethane	75-34-3	ug/L	4/14/2015	1	n/a	ND	
MW-35R	u	1,2-Dichloroethane	107-06-2	ug/L	4/14/2015	1	n/a	ND	
MW-35R	u	1,1-Dichloroethene	75-35-4	ug/L	4/14/2015	2	n/a	ND	
MW-35R	u	cis-1,2-Dichloroethene	156-59-2	ug/L	4/14/2015	1	n/a	ND	
MW-35R	u	trans-1,2-Dichloroethene	156-60-5	ug/L	4/14/2015	1	n/a	ND	
MW-35R	u	1,2-Dichloropropane	78-87-5	ug/L	4/14/2015	1	n/a	ND	
MW-35R	u	cis-1,3-Dichloropropene	10061-01-5	ug/L	4/14/2015	5	n/a	ND	
MW-35R	u	trans-1,3-Dichloropropene	10061-02-6	ug/L	4/14/2015	5	n/a	ND	
MW-35R	u	1,2-Dichlorobenzene	95-50-1	ug/L	4/14/2015	1	n/a	ND	
MW-35R	u	1,4-Dichlorobenzene	106-46-7	ug/L	4/14/2015	1	n/a	ND	
MW-35R	u	Ethylbenzene	100-41-4	ug/L	4/14/2015	1	n/a	ND	
MW-35R	u	2-Hexanone	591-78-6	ug/L	4/14/2015	10	n/a	ND	
MW-35R	u	Bromomethane	74-83-9	ug/L	4/14/2015	4	n/a	ND	
MW-35R	u	Chloromethane	74-87-3	ug/L	4/14/2015	3	n/a	ND	
MW-35R	u	2-Butanone	78-93-3	ug/L	4/14/2015	10	n/a	ND	
MW-35R	u	Iodomethane	74-88-4	ug/L	4/14/2015	10	n/a	ND	
MW-35R	u	4-Methyl-2-pentanone	108-10-1	ug/L	4/14/2015	10	n/a	ND	
MW-35R	u	Methylene Chloride	75-09-2	ug/L	4/14/2015	5	n/a	ND	
MW-35R	u	Styrene	100-42-5	ug/L	4/14/2015	1	n/a	ND	
MW-35R	u	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	4/14/2015	1	n/a	ND	
MW-35R	u	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	4/14/2015	1	n/a	ND	
MW-35R	u	Tetrachloroethene	127-18-4	ug/L	4/14/2015	1	n/a	ND	
MW-35R	u	Toluene	108-88-3	ug/L	4/14/2015	1	n/a	ND	
MW-35R	u	1,1,1-Trichloroethane	71-55-6	ug/L	4/14/2015	1	n/a	ND	
MW-35R	u	1,1,2-Trichloroethane	79-00-5	ug/L	4/14/2015	1	n/a	ND	
MW-35R	u	Trichloroethene	79-01-6	ug/L	4/14/2015	1	n/a	ND	
MW-35R	u	Trichlorofluoromethane	75-69-4	ug/L	4/14/2015	4	n/a	ND	
MW-35R	u	1,2,3-Trichloropropane	96-18-4	ug/L	4/14/2015	1	n/a	ND	
MW-35R	u	Vinyl acetate	108-05-4	ug/L	4/14/2015	10	n/a	ND	
MW-35R	u	Vinyl chloride	75-01-4	ug/L	4/14/2015	1	n/a	ND	
MW-35R	u	Xylenes, total	1330-20-7	ug/L	4/14/2015	3	n/a	ND	
MW-35R	u	Methylene Bromide	74-95-3	ug/L	4/14/2015	1	n/a	ND	
MW-35R	u	Total Suspended Solids	TSS	mg/L	4/14/2015	n/a	n/a		724
MW-36	d	Boron	7440-42-8	mg/L	4/14/2015	n/a	n/a		0.463
MW-37	d	Antimony	7440-36-0	mg/L	4/14/2015	0.001	n/a	ND	
MW-37	d	Antimony	7440-36-0	mg/L	4/14/2015	0.001	n/a	ND	
MW-37	d	Arsenic	7440-38-2	mg/L	4/14/2015	0.002	n/a	ND	
MW-37	d	Arsenic	7440-38-2	mg/L	4/14/2015	0.002	n/a	ND	
MW-37	d	Barium	7440-39-3	mg/L	4/14/2015	n/a	n/a		0.356
MW-37	d	Barium	7440-39-3	mg/L	4/14/2015	n/a	n/a		0.359
MW-37	d	Beryllium	7440-41-7	mg/L	4/14/2015	0.001	n/a	ND	
MW-37	d	Beryllium	7440-41-7	mg/L	4/14/2015	0.001	n/a	ND	
MW-37	d	Cadmium	7440-43-9	mg/L	4/14/2015	0.0005	n/a	ND	
MW-37	d	Cadmium	7440-43-9	mg/L	4/14/2015	0.0005	n/a	ND	
MW-37	d	Chromium	7440-47-3	mg/L	4/14/2015	0.005	n/a	ND	
MW-37	d	Chromium	7440-47-3	mg/L	4/14/2015	0.005	n/a	ND	
MW-37	d	Cobalt	7440-48-4	mg/L	4/14/2015	0.0005	n/a	ND	
MW-37	d	Cobalt	7440-48-4	mg/L	4/14/2015	n/a	n/a		0.0019
MW-37	d	Copper	7440-50-8	mg/L	4/14/2015	n/a	n/a		0.0028
MW-37	d	Copper	7440-50-8	mg/L	4/14/2015	n/a	n/a		0.00216
MW-37	d	Lead	7439-92-1	mg/L	4/14/2015	n/a	n/a		0.00242

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Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-37	d	Lead	7439-92-1	mg/L	4/14/2015	n/a	n/a		0.0014
MW-37	d	Nickel	7440-02-0	mg/L	4/14/2015	0.005	n/a	ND	
MW-37	d	Nickel	7440-02-0	mg/L	4/14/2015	n/a	n/a		0.00599
MW-37	d	Selenium	7782-49-2	mg/L	4/14/2015	0.005	n/a	ND	
MW-37	d	Selenium	7782-49-2	mg/L	4/14/2015	0.005	n/a	ND	
MW-37	d	Silver	7440-22-4	mg/L	4/14/2015	0.001	n/a	ND	
MW-37	d	Silver	7440-22-4	mg/L	4/14/2015	0.001	n/a	ND	
MW-37	d	Thallium	7440-28-0	mg/L	4/14/2015	0.001	n/a	ND	
MW-37	d	Thallium	7440-28-0	mg/L	4/14/2015	0.001	n/a	ND	
MW-37	d	Vanadium	7440-62-2	mg/L	4/14/2015	0.005	n/a	ND	
MW-37	d	Vanadium	7440-62-2	mg/L	4/14/2015	0.005	n/a	ND	
MW-37	d	Zinc	7440-66-6	mg/L	4/14/2015	0.01	n/a	ND	
MW-37	d	Zinc	7440-66-6	mg/L	4/14/2015	0.01	n/a	ND	
MW-37	d	Acetone	67-64-1	ug/L	4/14/2015	10	n/a	ND	
MW-37	d	Acetone	67-64-1	ug/L	4/14/2015	10	n/a	ND	
MW-37	d	Acrylonitrile	107-13-1	ug/L	4/14/2015	10	n/a	ND	
MW-37	d	Acrylonitrile	107-13-1	ug/L	4/14/2015	10	n/a	ND	
MW-37	d	Benzene	71-43-2	ug/L	4/14/2015	0.5	n/a	ND	
MW-37	d	Benzene	71-43-2	ug/L	4/14/2015	0.5	n/a	ND	
MW-37	d	Bromochloromethane	74-97-5	ug/L	4/14/2015	5	n/a	ND	
MW-37	d	Bromochloromethane	74-97-5	ug/L	4/14/2015	5	n/a	ND	
MW-37	d	Bromodichloromethane	75-27-4	ug/L	4/14/2015	1	n/a	ND	
MW-37	d	Bromodichloromethane	75-27-4	ug/L	4/14/2015	1	n/a	ND	
MW-37	d	Bromoform	75-25-2	ug/L	4/14/2015	5	n/a	ND	
MW-37	d	Bromoform	75-25-2	ug/L	4/14/2015	5	n/a	ND	
MW-37	d	Carbon disulfide	75-15-0	ug/L	4/14/2015	1	n/a	ND	
MW-37	d	Carbon disulfide	75-15-0	ug/L	4/14/2015	1	n/a	ND	
MW-37	d	Carbon tetrachloride	56-23-5	ug/L	4/14/2015	2	n/a	ND	
MW-37	d	Carbon tetrachloride	56-23-5	ug/L	4/14/2015	2	n/a	ND	
MW-37	d	Chlorobenzene	108-90-7	ug/L	4/14/2015	1	n/a	ND	
MW-37	d	Chlorobenzene	108-90-7	ug/L	4/14/2015	1	n/a	ND	
MW-37	d	Chloroethane	75-00-3	ug/L	4/14/2015	4	n/a	ND	
MW-37	d	Chloroethane	75-00-3	ug/L	4/14/2015	4	n/a	ND	
MW-37	d	Chloroform	67-66-3	ug/L	4/14/2015	1	n/a	ND	
MW-37	d	Chloroform	67-66-3	ug/L	4/14/2015	1	n/a	ND	
MW-37	d	Chlorodibromomethane	124-48-1	ug/L	4/14/2015	5	n/a	ND	
MW-37	d	Chlorodibromomethane	124-48-1	ug/L	4/14/2015	5	n/a	ND	
MW-37	d	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	4/14/2015	0.5	n/a	ND	
MW-37	d	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	4/14/2015	0.5	n/a	ND	
MW-37	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	4/14/2015	0.13	n/a	ND	
MW-37	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	4/14/2015	0.13	n/a	ND	
MW-37	d	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	4/14/2015	10	n/a	ND	
MW-37	d	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	4/14/2015	10	n/a	ND	
MW-37	d	1,1-Dichloroethane	75-34-3	ug/L	4/14/2015	1	n/a	ND	
MW-37	d	1,1-Dichloroethane	75-34-3	ug/L	4/14/2015	1	n/a	ND	
MW-37	d	1,2-Dichloroethane	107-06-2	ug/L	4/14/2015	1	n/a	ND	
MW-37	d	1,2-Dichloroethane	107-06-2	ug/L	4/14/2015	1	n/a	ND	
MW-37	d	1,1-Dichloroethene	75-35-4	ug/L	4/14/2015	2	n/a	ND	
MW-37	d	1,1-Dichloroethene	75-35-4	ug/L	4/14/2015	2	n/a	ND	
MW-37	d	cis-1,2-Dichloroethene	156-59-2	ug/L	4/14/2015	1	n/a	ND	
MW-37	d	cis-1,2-Dichloroethene	156-59-2	ug/L	4/14/2015	1	n/a	ND	
MW-37	d	trans-1,2-Dichloroethene	156-60-5	ug/L	4/14/2015	1	n/a	ND	
MW-37	d	trans-1,2-Dichloroethene	156-60-5	ug/L	4/14/2015	1	n/a	ND	
MW-37	d	1,2-Dichloropropane	78-87-5	ug/L	4/14/2015	1	n/a	ND	
MW-37	d	1,2-Dichloropropane	78-87-5	ug/L	4/14/2015	1	n/a	ND	
MW-37	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	4/14/2015	5	n/a	ND	
MW-37	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	4/14/2015	5	n/a	ND	
MW-37	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	4/14/2015	5	n/a	ND	
MW-37	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	4/14/2015	5	n/a	ND	
MW-37	d	1,2-Dichlorobenzene	95-50-1	ug/L	4/14/2015	1	n/a	ND	
MW-37	d	1,2-Dichlorobenzene	95-50-1	ug/L	4/14/2015	1	n/a	ND	
MW-37	d	1,4-Dichlorobenzene	106-46-7	ug/L	4/14/2015	1	n/a	ND	
MW-37	d	1,4-Dichlorobenzene	106-46-7	ug/L	4/14/2015	1	n/a	ND	
MW-37	d	Ethylbenzene	100-41-4	ug/L	4/14/2015	1	n/a	ND	

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Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-37	d	Ethylbenzene	100-41-4	ug/L	4/14/2015	1	n/a	ND	
MW-37	d	2-Hexanone	591-78-6	ug/L	4/14/2015	10	n/a	ND	
MW-37	d	2-Hexanone	591-78-6	ug/L	4/14/2015	10	n/a	ND	
MW-37	d	Bromomethane	74-83-9	ug/L	4/14/2015	4	n/a	ND	
MW-37	d	Bromomethane	74-83-9	ug/L	4/14/2015	4	n/a	ND	
MW-37	d	Chloromethane	74-87-3	ug/L	4/14/2015	3	n/a	ND	
MW-37	d	Chloromethane	74-87-3	ug/L	4/14/2015	3	n/a	ND	
MW-37	d	2-Butanone	78-93-3	ug/L	4/14/2015	10	n/a	ND	
MW-37	d	2-Butanone	78-93-3	ug/L	4/14/2015	10	n/a	ND	
MW-37	d	Iodomethane	74-88-4	ug/L	4/14/2015	10	n/a	ND	
MW-37	d	Iodomethane	74-88-4	ug/L	4/14/2015	10	n/a	ND	
MW-37	d	4-Methyl-2-pentanone	108-10-1	ug/L	4/14/2015	10	n/a	ND	
MW-37	d	4-Methyl-2-pentanone	108-10-1	ug/L	4/14/2015	10	n/a	ND	
MW-37	d	Methylene Chloride	75-09-2	ug/L	4/14/2015	5	n/a	ND	
MW-37	d	Methylene Chloride	75-09-2	ug/L	4/14/2015	5	n/a	ND	
MW-37	d	Styrene	100-42-5	ug/L	4/14/2015	1	n/a	ND	
MW-37	d	Styrene	100-42-5	ug/L	4/14/2015	1	n/a	ND	
MW-37	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	4/14/2015	1	n/a	ND	
MW-37	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	4/14/2015	1	n/a	ND	
MW-37	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	4/14/2015	1	n/a	ND	
MW-37	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	4/14/2015	1	n/a	ND	
MW-37	d	Tetrachloroethene	127-18-4	ug/L	4/14/2015	1	n/a	ND	
MW-37	d	Tetrachloroethene	127-18-4	ug/L	4/14/2015	1	n/a	ND	
MW-37	d	Toluene	108-88-3	ug/L	4/14/2015	1	n/a	ND	
MW-37	d	Toluene	108-88-3	ug/L	4/14/2015	1	n/a	ND	
MW-37	d	1,1,1-Trichloroethane	71-55-6	ug/L	4/14/2015	1	n/a	ND	
MW-37	d	1,1,1-Trichloroethane	71-55-6	ug/L	4/14/2015	1	n/a	ND	
MW-37	d	1,1,2-Trichloroethane	79-00-5	ug/L	4/14/2015	1	n/a	ND	
MW-37	d	1,1,2-Trichloroethane	79-00-5	ug/L	4/14/2015	1	n/a	ND	
MW-37	d	Trichloroethene	79-01-6	ug/L	4/14/2015	1	n/a	ND	
MW-37	d	Trichloroethene	79-01-6	ug/L	4/14/2015	1	n/a	ND	
MW-37	d	Trichlorofluoromethane	75-69-4	ug/L	4/14/2015	4	n/a	ND	
MW-37	d	Trichlorofluoromethane	75-69-4	ug/L	4/14/2015	4	n/a	ND	
MW-37	d	1,2,3-Trichloropropane	96-18-4	ug/L	4/14/2015	1	n/a	ND	
MW-37	d	1,2,3-Trichloropropane	96-18-4	ug/L	4/14/2015	1	n/a	ND	
MW-37	d	Vinyl acetate	108-05-4	ug/L	4/14/2015	10	n/a	ND	
MW-37	d	Vinyl acetate	108-05-4	ug/L	4/14/2015	10	n/a	ND	
MW-37	d	Vinyl chloride	75-01-4	ug/L	4/14/2015	1	n/a	ND	
MW-37	d	Vinyl chloride	75-01-4	ug/L	4/14/2015	1	n/a	ND	
MW-37	d	Xylenes, total	1330-20-7	ug/L	4/14/2015	3	n/a	ND	
MW-37	d	Xylenes, total	1330-20-7	ug/L	4/14/2015	3	n/a	ND	
MW-37	d	Methylene Bromide	74-95-3	ug/L	4/14/2015	1	n/a	ND	
MW-37	d	Methylene Bromide	74-95-3	ug/L	4/14/2015	1	n/a	ND	
MW-37	d	Total Suspended Solids	TSS	mg/L	4/14/2015	n/a	n/a		27.7
MW-37	d	Total Suspended Solids	TSS	mg/L	4/14/2015	n/a	n/a		23
MW-66	d	Antimony	7440-36-0	mg/L	4/14/2015	0.001	n/a	ND	
MW-66	d	Arsenic	7440-38-2	mg/L	4/14/2015	0.002	n/a	ND	
MW-66	d	Barium	7440-39-3	mg/L	4/14/2015	n/a	n/a		0.196
MW-66	d	Beryllium	7440-41-7	mg/L	4/14/2015	0.001	n/a	ND	
MW-66	d	Cadmium	7440-43-9	mg/L	4/14/2015	0.0005	n/a	ND	
MW-66	d	Chromium	7440-47-3	mg/L	4/14/2015	0.005	n/a	ND	
MW-66	d	Cobalt	7440-48-4	mg/L	4/14/2015	0.0005	n/a	ND	
MW-66	d	Copper	7440-50-8	mg/L	4/14/2015	0.002	n/a	ND	
MW-66	d	Lead	7439-92-1	mg/L	4/14/2015	0.0005	n/a	ND	
MW-66	d	Nickel	7440-02-0	mg/L	4/14/2015	0.005	n/a	ND	
MW-66	d	Selenium	7782-49-2	mg/L	4/14/2015	0.005	n/a	ND	
MW-66	d	Silver	7440-22-4	mg/L	4/14/2015	0.001	n/a	ND	
MW-66	d	Thallium	7440-28-0	mg/L	4/14/2015	0.001	n/a	ND	
MW-66	d	Vanadium	7440-62-2	mg/L	4/14/2015	0.005	n/a	ND	
MW-66	d	Zinc	7440-66-6	mg/L	4/14/2015	0.01	n/a	ND	
MW-66	d	Acetone	67-64-1	ug/L	4/14/2015	10	n/a	ND	
MW-66	d	Acrylonitrile	107-13-1	ug/L	4/14/2015	10	n/a	ND	
MW-66	d	Benzene	71-43-2	ug/L	4/14/2015	0.5	n/a	ND	
MW-66	d	Bromochloromethane	74-97-5	ug/L	4/14/2015	5	n/a	ND	

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Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-66	d	Bromodichloromethane	75-27-4	ug/L	4/14/2015	1	n/a	ND	
MW-66	d	Bromoform	75-25-2	ug/L	4/14/2015	5	n/a	ND	
MW-66	d	Carbon disulfide	75-15-0	ug/L	4/14/2015	1	n/a	ND	
MW-66	d	Carbon Tetrachloride	56-23-5	ug/L	4/14/2015	2	n/a	ND	
MW-66	d	Chlorobenzene	108-90-7	ug/L	4/14/2015	1	n/a	ND	
MW-66	d	Chloroethane	75-00-3	ug/L	4/14/2015	4	n/a	ND	
MW-66	d	Chloroform	67-66-3	ug/L	4/14/2015	1	n/a	ND	
MW-66	d	Chlorodibromomethane	124-48-1	ug/L	4/14/2015	5	n/a	ND	
MW-66	d	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	4/14/2015	0.5	n/a	ND	
MW-66	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	4/14/2015	0.13	n/a	ND	
MW-66	d	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	4/14/2015	10	n/a	ND	
MW-66	d	1,1-Dichloroethane	75-34-3	ug/L	4/14/2015	1	n/a	ND	
MW-66	d	1,2-Dichloroethane	107-06-2	ug/L	4/14/2015	1	n/a	ND	
MW-66	d	1,1-Dichloroethene	75-35-4	ug/L	4/14/2015	2	n/a	ND	
MW-66	d	cis-1,2-Dichloroethene	156-59-2	ug/L	4/14/2015	1	n/a	ND	
MW-66	d	trans-1,2-Dichloroethene	156-60-5	ug/L	4/14/2015	1	n/a	ND	
MW-66	d	1,2-Dichloropropane	78-87-5	ug/L	4/14/2015	1	n/a	ND	
MW-66	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	4/14/2015	5	n/a	ND	
MW-66	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	4/14/2015	5	n/a	ND	
MW-66	d	1,2-Dichlorobenzene	95-50-1	ug/L	4/14/2015	1	n/a	ND	
MW-66	d	1,4-Dichlorobenzene	106-46-7	ug/L	4/14/2015	1	n/a	ND	
MW-66	d	Ethylbenzene	100-41-4	ug/L	4/14/2015	1	n/a	ND	
MW-66	d	2-Hexanone	591-78-6	ug/L	4/14/2015	10	n/a	ND	
MW-66	d	Bromomethane	74-83-9	ug/L	4/14/2015	4	n/a	ND	
MW-66	d	Chloromethane	74-87-3	ug/L	4/14/2015	3	n/a	ND	
MW-66	d	2-Butanone	78-93-3	ug/L	4/14/2015	10	n/a	ND	
MW-66	d	Iodomethane	74-88-4	ug/L	4/14/2015	10	n/a	ND	
MW-66	d	4-Methyl-2-pentanone	108-10-1	ug/L	4/14/2015	10	n/a	ND	
MW-66	d	Methylene Chloride	75-09-2	ug/L	4/14/2015	5	n/a	ND	
MW-66	d	Styrene	100-42-5	ug/L	4/14/2015	1	n/a	ND	
MW-66	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	4/14/2015	1	n/a	ND	
MW-66	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	4/14/2015	1	n/a	ND	
MW-66	d	Tetrachloroethene	127-18-4	ug/L	4/14/2015	1	n/a	ND	
MW-66	d	Toluene	108-88-3	ug/L	4/14/2015	1	n/a	ND	
MW-66	d	1,1,1-Trichloroethane	71-55-6	ug/L	4/14/2015	1	n/a	ND	
MW-66	d	1,1,2-Trichloroethane	79-00-5	ug/L	4/14/2015	1	n/a	ND	
MW-66	d	Trichloroethene	79-01-6	ug/L	4/14/2015	1	n/a	ND	
MW-66	d	Trichlorofluoromethane	75-69-4	ug/L	4/14/2015	4	n/a	ND	
MW-66	d	1,2,3-Trichloropropane	96-18-4	ug/L	4/14/2015	1	n/a	ND	
MW-66	d	Vinyl acetate	108-05-4	ug/L	4/14/2015	10	n/a	ND	
MW-66	d	Vinyl chloride	75-01-4	ug/L	4/14/2015	1	n/a	ND	
MW-66	d	Xylenes, total	1330-20-7	ug/L	4/14/2015	3	n/a	ND	
MW-66	d	Methylene Bromide	74-95-3	ug/L	4/14/2015	1	n/a	ND	
MW-66	d	Total Suspended Solids	TSS	mg/L	4/14/2015	2.5	n/a	ND	
MW-35R	u	Antimony	7440-36-0	mg/L	10/1/2015	0.001	n/a	ND	
MW-35R	u	Arsenic	7440-38-2	mg/L	10/1/2015	n/a	n/a		0.00214
MW-35R	u	Barium	7440-39-3	mg/L	10/1/2015	n/a	n/a		0.233
MW-35R	u	Beryllium	7440-41-7	mg/L	10/1/2015	n/a	n/a	J	0.000315
MW-35R	u	Cadmium	7440-43-9	mg/L	10/1/2015	n/a	n/a	J	0.000225
MW-35R	u	Chromium	7440-47-3	mg/L	10/1/2015	0.005	n/a	ND	
MW-35R	u	Cobalt	7440-48-4	mg/L	10/1/2015	n/a	n/a		0.00576
MW-35R	u	Copper	7440-50-8	mg/L	10/1/2015	n/a	n/a		0.00539
MW-35R	u	Lead	7439-92-1	mg/L	10/1/2015	n/a	n/a		0.00515
MW-35R	u	Nickel	7440-02-0	mg/L	10/1/2015	n/a	n/a		0.00696
MW-35R	u	Selenium	7782-49-2	mg/L	10/1/2015	0.005	n/a	ND	
MW-35R	u	Silver	7440-22-4	mg/L	10/1/2015	0.001	n/a	ND	
MW-35R	u	Thallium	7440-28-0	mg/L	10/1/2015	0.001	n/a	ND	
MW-35R	u	Vanadium	7440-62-2	mg/L	10/1/2015	n/a	n/a		0.00595
MW-35R	u	Zinc	7440-66-6	mg/L	10/1/2015	n/a	n/a		0.0173
MW-35R	u	Acetone	67-64-1	ug/L	10/1/2015	10	n/a	ND	
MW-35R	u	Acrylonitrile	107-13-1	ug/L	10/1/2015	10	n/a	ND	
MW-35R	u	Benzene	71-43-2	ug/L	10/1/2015	0.5	n/a	ND	
MW-35R	u	Bromochloromethane	74-97-5	ug/L	10/1/2015	5	n/a	ND	
MW-35R	u	Bromodichloromethane	75-27-4	ug/L	10/1/2015	1	n/a	ND	

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Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-35R	u	Bromoform	75-25-2	ug/L	10/1/2015	5	n/a	ND	
MW-35R	u	Carbon disulfide	75-15-0	ug/L	10/1/2015	1	n/a	ND	
MW-35R	u	Carbon Tetrachloride	56-23-5	ug/L	10/1/2015	2	n/a	ND	
MW-35R	u	Chlorobenzene	108-90-7	ug/L	10/1/2015	1	n/a	ND	
MW-35R	u	Chloroethane	75-00-3	ug/L	10/1/2015	4	n/a	ND	
MW-35R	u	Chloroform	67-66-3	ug/L	10/1/2015	1	n/a	ND	
MW-35R	u	Chlorodibromomethane	124-48-1	ug/L	10/1/2015	5	n/a	ND	
MW-35R	u	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	10/1/2015	0.5	n/a	ND	
MW-35R	u	1,2-Dibromoethane [EDB]	106-93-4	ug/L	10/1/2015	0.13	n/a	ND	
MW-35R	u	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	10/1/2015	10	n/a	ND	
MW-35R	u	1,1-Dichloroethane	75-34-3	ug/L	10/1/2015	1	n/a	ND	
MW-35R	u	1,2-Dichloroethane	107-06-2	ug/L	10/1/2015	1	n/a	ND	
MW-35R	u	1,1-Dichloroethene	75-35-4	ug/L	10/1/2015	2	n/a	ND	
MW-35R	u	cis-1,2-Dichloroethene	156-59-2	ug/L	10/1/2015	1	n/a	ND	
MW-35R	u	trans-1,2-Dichloroethene	156-60-5	ug/L	10/1/2015	1	n/a	ND	
MW-35R	u	1,2-Dichloropropane	78-87-5	ug/L	10/1/2015	1	n/a	ND	
MW-35R	u	cis-1,3-Dichloropropene	10061-01-5	ug/L	10/1/2015	5	n/a	ND	
MW-35R	u	trans-1,3-Dichloropropene	10061-02-6	ug/L	10/1/2015	5	n/a	ND	
MW-35R	u	1,2-Dichlorobenzene	95-50-1	ug/L	10/1/2015	1	n/a	ND	
MW-35R	u	1,4-Dichlorobenzene	106-46-7	ug/L	10/1/2015	1	n/a	ND	
MW-35R	u	Ethylbenzene	100-41-4	ug/L	10/1/2015	1	n/a	ND	
MW-35R	u	2-Hexanone	591-78-6	ug/L	10/1/2015	10	n/a	ND	
MW-35R	u	Bromomethane	74-83-9	ug/L	10/1/2015	4	n/a	ND	
MW-35R	u	Chloromethane	74-87-3	ug/L	10/1/2015	n/a	n/a	J	0.451
MW-35R	u	2-Butanone	78-93-3	ug/L	10/1/2015	10	n/a	ND	
MW-35R	u	Iodomethane	74-88-4	ug/L	10/1/2015	10	n/a	ND	
MW-35R	u	4-Methyl-2-pentanone	108-10-1	ug/L	10/1/2015	10	n/a	ND	
MW-35R	u	Methylene Chloride	75-09-2	ug/L	10/1/2015	5	n/a	ND	
MW-35R	u	Styrene	100-42-5	ug/L	10/1/2015	1	n/a	ND	
MW-35R	u	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	10/1/2015	1	n/a	ND	
MW-35R	u	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	10/1/2015	1	n/a	ND	
MW-35R	u	Tetrachloroethene	127-18-4	ug/L	10/1/2015	1	n/a	ND	
MW-35R	u	Toluene	108-88-3	ug/L	10/1/2015	1	n/a	ND	
MW-35R	u	1,1,1-Trichloroethane	71-55-6	ug/L	10/1/2015	1	n/a	ND	
MW-35R	u	1,1,2-Trichloroethane	79-00-5	ug/L	10/1/2015	1	n/a	ND	
MW-35R	u	Trichloroethene	79-01-6	ug/L	10/1/2015	1	n/a	ND	
MW-35R	u	Trichlorofluoromethane	75-69-4	ug/L	10/1/2015	4	n/a	ND	
MW-35R	u	1,2,3-Trichloropropane	96-18-4	ug/L	10/1/2015	1	n/a	ND	
MW-35R	u	Vinyl acetate	108-05-4	ug/L	10/1/2015	10	n/a	ND	
MW-35R	u	Vinyl chloride	75-01-4	ug/L	10/1/2015	1	n/a	ND	
MW-35R	u	Xylenes, total	1330-20-7	ug/L	10/1/2015	3	n/a	ND	
MW-35R	u	Methylene Bromide	74-95-3	ug/L	10/1/2015	1	n/a	ND	
MW-35R	u	Total Suspended Solids	TSS	mg/L	10/1/2015	n/a	n/a		267
MW-36	d	Boron	7440-42-8	mg/L	10/1/2015	n/a	n/a		0.7
MW-37	d	Antimony	7440-36-0	mg/L	10/1/2015	0.001	n/a	ND	
MW-37	d	Arsenic	7440-38-2	mg/L	10/1/2015	0.002	n/a	ND	
MW-37	d	Barium	7440-39-3	mg/L	10/1/2015	n/a	n/a		0.384
MW-37	d	Beryllium	7440-41-7	mg/L	10/1/2015	0.001	n/a	ND	
MW-37	d	Cadmium	7440-43-9	mg/L	10/1/2015	n/a	n/a	J	0.000299
MW-37	d	Chromium	7440-47-3	mg/L	10/1/2015	0.005	n/a	ND	
MW-37	d	Cobalt	7440-48-4	mg/L	10/1/2015	n/a	n/a	J	0.000383
MW-37	d	Copper	7440-50-8	mg/L	10/1/2015	n/a	n/a		0.00206
MW-37	d	Lead	7439-92-1	mg/L	10/1/2015	n/a	n/a		0.0013
MW-37	d	Nickel	7440-02-0	mg/L	10/1/2015	n/a	n/a		0.00726
MW-37	d	Selenium	7782-49-2	mg/L	10/1/2015	0.005	n/a	ND	
MW-37	d	Silver	7440-22-4	mg/L	10/1/2015	0.001	n/a	ND	
MW-37	d	Thallium	7440-28-0	mg/L	10/1/2015	n/a	n/a	J	0.000043
MW-37	d	Vanadium	7440-62-2	mg/L	10/1/2015	n/a	n/a	J	0.00103
MW-37	d	Zinc	7440-66-6	mg/L	10/1/2015	n/a	n/a	J	0.00986
MW-37	d	Acetone	67-64-1	ug/L	10/1/2015	10	n/a	ND	
MW-37	d	Acrylonitrile	107-13-1	ug/L	10/1/2015	10	n/a	ND	
MW-37	d	Benzene	71-43-2	ug/L	10/1/2015	0.5	n/a	ND	
MW-37	d	Bromochloromethane	74-97-5	ug/L	10/1/2015	5	n/a	ND	
MW-37	d	Bromodichloromethane	75-27-4	ug/L	10/1/2015	1	n/a	ND	

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Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-37	d	Bromoform	75-25-2	ug/L	10/1/2015	5	n/a	ND	
MW-37	d	Carbon disulfide	75-15-0	ug/L	10/1/2015	1	n/a	ND	
MW-37	d	Carbon Tetrachloride	56-23-5	ug/L	10/1/2015	2	n/a	ND	
MW-37	d	Chlorobenzene	108-90-7	ug/L	10/1/2015	1	n/a	ND	
MW-37	d	Chloroethane	75-00-3	ug/L	10/1/2015	4	n/a	ND	
MW-37	d	Chloroform	67-66-3	ug/L	10/1/2015	1	n/a	ND	
MW-37	d	Chlorodibromomethane	124-48-1	ug/L	10/1/2015	5	n/a	ND	
MW-37	d	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	10/1/2015	0.5	n/a	ND	
MW-37	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	10/1/2015	0.13	n/a	ND	
MW-37	d	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	10/1/2015	10	n/a	ND	
MW-37	d	1,1-Dichloroethane	75-34-3	ug/L	10/1/2015	1	n/a	ND	
MW-37	d	1,2-Dichloroethane	107-06-2	ug/L	10/1/2015	1	n/a	ND	
MW-37	d	1,1-Dichloroethene	75-35-4	ug/L	10/1/2015	2	n/a	ND	
MW-37	d	cis-1,2-Dichloroethene	156-59-2	ug/L	10/1/2015	1	n/a	ND	
MW-37	d	trans-1,2-Dichloroethene	156-60-5	ug/L	10/1/2015	1	n/a	ND	
MW-37	d	1,2-Dichloropropane	78-87-5	ug/L	10/1/2015	1	n/a	ND	
MW-37	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	10/1/2015	5	n/a	ND	
MW-37	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	10/1/2015	5	n/a	ND	
MW-37	d	1,2-Dichlorobenzene	95-50-1	ug/L	10/1/2015	1	n/a	ND	
MW-37	d	1,4-Dichlorobenzene	106-46-7	ug/L	10/1/2015	1	n/a	ND	
MW-37	d	Ethylbenzene	100-41-4	ug/L	10/1/2015	1	n/a	ND	
MW-37	d	2-Hexanone	591-78-6	ug/L	10/1/2015	10	n/a	ND	
MW-37	d	Bromomethane	74-83-9	ug/L	10/1/2015	4	n/a	ND	
MW-37	d	Chloromethane	74-87-3	ug/L	10/1/2015	3	n/a	ND	
MW-37	d	2-Butanone	78-93-3	ug/L	10/1/2015	10	n/a	ND	
MW-37	d	Iodomethane	74-88-4	ug/L	10/1/2015	10	n/a	ND	
MW-37	d	4-Methyl-2-pentanone	108-10-1	ug/L	10/1/2015	10	n/a	ND	
MW-37	d	Methylene Chloride	75-09-2	ug/L	10/1/2015	5	n/a	ND	
MW-37	d	Styrene	100-42-5	ug/L	10/1/2015	1	n/a	ND	
MW-37	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	10/1/2015	1	n/a	ND	
MW-37	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	10/1/2015	1	n/a	ND	
MW-37	d	Tetrachloroethene	127-18-4	ug/L	10/1/2015	1	n/a	ND	
MW-37	d	Toluene	108-88-3	ug/L	10/1/2015	1	n/a	ND	
MW-37	d	1,1,1-Trichloroethane	71-55-6	ug/L	10/1/2015	1	n/a	ND	
MW-37	d	1,1,2-Trichloroethane	79-00-5	ug/L	10/1/2015	1	n/a	ND	
MW-37	d	Trichloroethene	79-01-6	ug/L	10/1/2015	1	n/a	ND	
MW-37	d	Trichlorofluoromethane	75-69-4	ug/L	10/1/2015	4	n/a	ND	
MW-37	d	1,2,3-Trichloropropane	96-18-4	ug/L	10/1/2015	1	n/a	ND	
MW-37	d	Vinyl acetate	108-05-4	ug/L	10/1/2015	10	n/a	ND	
MW-37	d	Vinyl chloride	75-01-4	ug/L	10/1/2015	1	n/a	ND	
MW-37	d	Xylenes, total	1330-20-7	ug/L	10/1/2015	3	n/a	ND	
MW-37	d	Methylene Bromide	74-95-3	ug/L	10/1/2015	1	n/a	ND	
MW-37	d	Mercury	7439-97-6	mg/L	10/1/2015	0.0002	n/a	ND	
MW-37	d	Tin	7440-31-5	mg/L	10/1/2015	0.005	n/a	ND	
MW-37	d	Acrolein	107-02-8	ug/L	10/1/2015	10	n/a	ND	
MW-37	d	3-Chloropropene	107-05-1	ug/L	10/1/2015	2	n/a	ND	
MW-37	d	Chloroprene	126-99-8	ug/L	10/1/2015	1	n/a	ND	
MW-37	d	Dichlorodifluoromethane	75-71-8	ug/L	10/1/2015	3	n/a	ND	
MW-37	d	1,3-Dichloropropane	142-28-9	ug/L	10/1/2015	1	n/a	ND	
MW-37	d	2,2-Dichloropropane	594-20-7	ug/L	10/1/2015	4	n/a	ND	
MW-37	d	1,1-Dichloropropene	563-58-6	ug/L	10/1/2015	1	n/a	ND	
MW-37	d	1,3-Dichlorobenzene	541-73-1	ug/L	10/1/2015	1	n/a	ND	
MW-37	d	Ethyl Methacrylate	97-63-2	ug/L	10/1/2015	2	n/a	ND	
MW-37	d	Methacrylonitrile	126-98-7	ug/L	10/1/2015	10	n/a	ND	
MW-37	d	Methyl Methacrylate	80-62-6	ug/L	10/1/2015	2	n/a	ND	
MW-37	d	Naphthalene	91-20-3	ug/L	10/1/2015	5	n/a	ND	
MW-37	d	Propionitrile	107-12-0	ug/L	10/1/2015	10	n/a	ND	
MW-37	d	1,2,4-Trichlorobenzene	120-82-1	ug/L	10/1/2015	5	n/a	ND	
MW-37	d	Acenaphthene	83-32-9	ug/L	10/1/2015	11.5	n/a	ND	
MW-37	d	Acenaphthylene	208-96-8	ug/L	10/1/2015	11.5	n/a	ND	
MW-37	d	Acetophenone	98-86-2	ug/L	10/1/2015	11.5	n/a	ND	
MW-37	d	2-Acetylaminofluorene	53-96-3	ug/L	10/1/2015	11.5	n/a	ND	
MW-37	d	4-Aminobiphenyl	92-67-1	ug/L	10/1/2015	11.5	n/a	ND	
MW-37	d	Anthracene	120-12-7	ug/L	10/1/2015	11.5	n/a	ND	

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Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-37	d	Benzo [a] anthracene	56-55-3	ug/L	10/1/2015	11.5	n/a	ND	
MW-37	d	Benzo [b] fluoranthene	205-99-2	ug/L	10/1/2015	11.5	n/a	ND	
MW-37	d	Benzo [k] fluoranthene	207-08-9	ug/L	10/1/2015	11.5	n/a	ND	
MW-37	d	Benzo [g,h,i] perylene	191-24-2	ug/L	10/1/2015	11.5	n/a	ND	
MW-37	d	Benzo [a] pyrene	50-32-8	ug/L	10/1/2015	11.5	n/a	ND	
MW-37	d	Benzyl alcohol	100-51-6	ug/L	10/1/2015	11.5	n/a	ND	
MW-37	d	Bis[2-chloroethoxy]methane	111-91-1	ug/L	10/1/2015	11.5	n/a	ND	
MW-37	d	Bis[2-chloroethyl]ether	111-44-4	ug/L	10/1/2015	11.5	n/a	ND	
MW-37	d	Bis[2-chloroisopropyl]ether	108-60-1	ug/L	10/1/2015	11.5	n/a	ND	
MW-37	d	Bis[2-ethylhexyl]phtalate	117-81-7	ug/L	10/1/2015	n/a	n/a	J	7.22
MW-37	d	4-Bromophenyl phenyl ether	101-55-3	ug/L	10/1/2015	11.5	n/a	ND	
MW-37	d	Butyl benzyl phtalate	85-68-7	ug/L	10/1/2015	11.5	n/a	ND	
MW-37	d	4-Chloroaniline	106-47-8	ug/L	10/1/2015	11.5	n/a	ND	
MW-37	d	Chlorobenzilate	510-15-6	ug/L	10/1/2015	11.5	n/a	ND	
MW-37	d	4-Chloro-3-methylphenol	59-50-7	ug/L	10/1/2015	11.5	n/a	ND	
MW-37	d	2-Chloronaphthalene	91-58-7	ug/L	10/1/2015	11.5	n/a	ND	
MW-37	d	2-Chlorophenol	95-57-8	ug/L	10/1/2015	11.5	n/a	ND	
MW-37	d	4-Chlorophenyl phenyl ether	7005-72-3	ug/L	10/1/2015	11.5	n/a	ND	
MW-37	d	Chrysene	218-01-9	ug/L	10/1/2015	11.5	n/a	ND	
MW-37	d	3/4-Methylphenol	T-34MP	ug/L	10/1/2015	11.5	n/a	ND	
MW-37	d	2-Methylphenol	95-48-7	ug/L	10/1/2015	11.5	n/a	ND	
MW-37	d	Diallate [cis or trans]	2303-16-4	ug/L	10/1/2015	11.5	n/a	ND	
MW-37	d	Dibenz [a,h,i] anthracene	53-70-3	ug/L	10/1/2015	11.5	n/a	ND	
MW-37	d	Dibenzofuran	132-64-9	ug/L	10/1/2015	11.5	n/a	ND	
MW-37	d	Di-n-butyl phtalate	84-74-2	ug/L	10/1/2015	11.5	n/a	ND	
MW-37	d	3,3-Dichlorobenzidine	91-94-1	ug/L	10/1/2015	57.5	n/a	ND	
MW-37	d	2,4-Dichlorophenol	120-83-2	ug/L	10/1/2015	11.5	n/a	ND	
MW-37	d	2,6-Dichlorophenol	87-65-0	ug/L	10/1/2015	11.5	n/a	ND	
MW-37	d	Diethyl phtalate	84-66-2	ug/L	10/1/2015	11.5	n/a	ND	
MW-37	d	Thionazin	297-97-2	ug/L	10/1/2015	11.5	n/a	ND	
MW-37	d	7,12-Dimethylbenz [a] anthracene	57-97-6	ug/L	10/1/2015	11.5	n/a	ND	
MW-37	d	Dimethoate	60-51-5	ug/L	10/1/2015	11.5	n/a	ND	
MW-37	d	Dimethylaminoazobenzene	60-11-7	ug/L	10/1/2015	11.5	n/a	ND	
MW-37	d	3,3-Dimethylbenzidine	119-93-7	ug/L	10/1/2015	11.5	n/a	ND	
MW-37	d	2,4-Dimethylphenol	105-67-9	ug/L	10/1/2015	11.5	n/a	ND	
MW-37	d	Dimethyl phtalate	131-11-3	ug/L	10/1/2015	11.5	n/a	ND	
MW-37	d	1,3-Dinitrobenzene	99-65-0	ug/L	10/1/2015	11.5	n/a	ND	
MW-37	d	4,6-Dinitro-2-methylphenol	534-52-1	ug/L	10/1/2015	11.5	n/a	ND	
MW-37	d	2,4-Dinitrophenol	51-28-5	ug/L	10/1/2015	23	n/a	ND	
MW-37	d	2,4-Dinitrotoluene	121-14-2	ug/L	10/1/2015	11.5	n/a	ND	
MW-37	d	2,6-Dinitrotoluene	606-20-2	ug/L	10/1/2015	11.5	n/a	ND	
MW-37	d	Di-n-octyl phtalate	117-84-0	ug/L	10/1/2015	23	n/a	ND	
MW-37	d	Diphenylamine	122-39-4	ug/L	10/1/2015	11.5	n/a	ND	
MW-37	d	Disulfoton	298-04-4	ug/L	10/1/2015	11.5	n/a	ND	
MW-37	d	Ethyl Methanesulfonate	62-50-0	ug/L	10/1/2015	11.5	n/a	ND	
MW-37	d	Famphur	52-85-7	ug/L	10/1/2015	23	n/a	ND	
MW-37	d	Fluoranthene	206-44-0	ug/L	10/1/2015	11.5	n/a	ND	
MW-37	d	Fluorene	86-73-7	ug/L	10/1/2015	11.5	n/a	ND	
MW-37	d	Hexachlorobenzene	118-74-1	ug/L	10/1/2015	11.5	n/a	ND	
MW-37	d	Hexachlorobutadiene	87-68-3	ug/L	10/1/2015	11.5	n/a	ND	
MW-37	d	Hexachlorocyclopentadiene	77-47-4	ug/L	10/1/2015	23	n/a	ND	
MW-37	d	Hexachloroethane	67-72-1	ug/L	10/1/2015	11.5	n/a	ND	
MW-37	d	Hexachloropropene	1888-71-7	ug/L	10/1/2015	11.5	n/a	ND	
MW-37	d	Indeno [1,2,3-cd] pyrene	193-39-5	ug/L	10/1/2015	11.5	n/a	ND	
MW-37	d	Isodrin	465-73-6	ug/L	10/1/2015	11.5	n/a	ND	
MW-37	d	Isophorone	78-59-1	ug/L	10/1/2015	11.5	n/a	ND	
MW-37	d	Isosafrole	120-58-1	ug/L	10/1/2015	11.5	n/a	ND	
MW-37	d	Kepon	143-50-0	ug/L	10/1/2015	11.5	n/a	ND	
MW-37	d	Methapyrilene	91-80-5	ug/L	10/1/2015	11.5	n/a	ND	
MW-37	d	3-Methylcholanthrene	56-49-5	ug/L	10/1/2015	11.5	n/a	ND	
MW-37	d	Methyl Methanesulfonate	66-27-3	ug/L	10/1/2015	11.5	n/a	ND	
MW-37	d	2-Methylnaphthalene	91-57-6	ug/L	10/1/2015	11.5	n/a	ND	
MW-37	d	Parathion-methyl	298-00-0	ug/L	10/1/2015	11.5	n/a	ND	
MW-37	d	1,4-Naphthoquinone	130-15-4	ug/L	10/1/2015	11.5	n/a	ND	

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Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-37	d	1-Naphthylamine	134-32-7	ug/L	10/1/2015	11.5	n/a	ND	
MW-37	d	2-Naphthylamine	91-59-8	ug/L	10/1/2015	11.5	n/a	ND	
MW-37	d	2-Nitroaniline	88-74-4	ug/L	10/1/2015	11.5	n/a	ND	
MW-37	d	3-Nitroaniline	99-09-2	ug/L	10/1/2015	11.5	n/a	ND	
MW-37	d	4-Nitroaniline	100-01-6	ug/L	10/1/2015	11.5	n/a	ND	
MW-37	d	Nitrobenzene	98-95-3	ug/L	10/1/2015	11.5	n/a	ND	
MW-37	d	2-Nitrophenol	88-75-5	ug/L	10/1/2015	11.5	n/a	ND	
MW-37	d	4-Nitrophenol	100-02-7	ug/L	10/1/2015	11.5	n/a	ND	
MW-37	d	N-Nitrosodi-n-butylamine	924-16-3	ug/L	10/1/2015	11.5	n/a	ND	
MW-37	d	N-Nitrosodiethylamine	55-18-5	ug/L	10/1/2015	11.5	n/a	ND	
MW-37	d	N-Nitrosodimethylamine	62-75-9	ug/L	10/1/2015	11.5	n/a	ND	
MW-37	d	N-Nitrosodiphenylamine	86-30-6	ug/L	10/1/2015	11.5	n/a	ND	
MW-37	d	N-Nitrosodi-n-propylamine	621-64-7	ug/L	10/1/2015	11.5	n/a	ND	
MW-37	d	N-Nitrosomethylethylamine	10595-95-6	ug/L	10/1/2015	11.5	n/a	ND	
MW-37	d	N-Nitrosopiperidine	100-75-4	ug/L	10/1/2015	11.5	n/a	ND	
MW-37	d	N-Nitrosopyrrolidine	930-55-2	ug/L	10/1/2015	11.5	n/a	ND	
MW-37	d	5-Nitro-o-toluidine	99-55-8	ug/L	10/1/2015	11.5	n/a	ND	
MW-37	d	Parathion-ethyl	56-38-2	ug/L	10/1/2015	11.5	n/a	ND	
MW-37	d	Pentachlorobenzene	608-93-5	ug/L	10/1/2015	11.5	n/a	ND	
MW-37	d	Pentachloronitrobenzene	82-68-8	ug/L	10/1/2015	11.5	n/a	ND	
MW-37	d	Pentachlorophenol [2C]	87-86-5	ug/L	10/1/2015	11.5	n/a	ND	
MW-37	d	Phenacetin	62-44-2	ug/L	10/1/2015	11.5	n/a	ND	
MW-37	d	Phenanthrene	85-01-8	ug/L	10/1/2015	11.5	n/a	ND	
MW-37	d	Phenol	108-95-2	ug/L	10/1/2015	11.5	n/a	ND	
MW-37	d	1,4-Phenylenediamine	106-50-3	ug/L	10/1/2015	11.5	n/a	ND	
MW-37	d	Phorate	298-02-2	ug/L	10/1/2015	11.5	n/a	ND	
MW-37	d	Promamide	23950-58-5	ug/L	10/1/2015	11.5	n/a	ND	
MW-37	d	Pyrene	129-00-0	ug/L	10/1/2015	11.5	n/a	ND	
MW-37	d	Safrole	94-59-7	ug/L	10/1/2015	11.5	n/a	ND	
MW-37	d	1,2,4,5-Tetrachlorobenzene	95-94-3	ug/L	10/1/2015	11.5	n/a	ND	
MW-37	d	2,3,4,6-Tetrachlorophenol	58-90-2	ug/L	10/1/2015	11.5	n/a	ND	
MW-37	d	o-Toluidine	95-53-4	ug/L	10/1/2015	11.5	n/a	ND	
MW-37	d	2,4,5-Trichlorophenol	95-95-4	ug/L	10/1/2015	11.5	n/a	ND	
MW-37	d	2,4,6-Trichlorophenol	88-06-2	ug/L	10/1/2015	11.5	n/a	ND	
MW-37	d	O,O,O-Triethyl phosphorothioate	126-68-1	ug/L	10/1/2015	11.5	n/a	ND	
MW-37	d	1,3,5-Trinitrobenzene	99-35-4	ug/L	10/1/2015	11.5	n/a	ND	
MW-37	d	Dinoseb	88-85-7	ug/L	10/1/2015	11.5	n/a	ND	
MW-37	d	Acetonitrile	75-05-8	ug/L	10/1/2015	10000	n/a	ND	
MW-37	d	Isobutanol	78-83-1	mg/L	10/1/2015	10	n/a	ND	
MW-37	d	PCB-1016	12674-11-2	ug/L	10/1/2015	0.899	n/a	ND	
MW-37	d	PCB-1221	11104-28-2	ug/L	10/1/2015	0.899	n/a	ND	
MW-37	d	PCB-1232	11141-16-5	ug/L	10/1/2015	0.899	n/a	ND	
MW-37	d	PCB-1242	53469-21-9	ug/L	10/1/2015	0.899	n/a	ND	
MW-37	d	PCB-1248	12672-29-6	ug/L	10/1/2015	0.899	n/a	ND	
MW-37	d	PCB-1254	11097-69-1	ug/L	10/1/2015	0.899	n/a	ND	
MW-37	d	PCB-1260	11096-82-5	ug/L	10/1/2015	0.899	n/a	ND	
MW-37	d	Cyanide	57-12-5	mg/L	10/1/2015	0.01	n/a	ND	
MW-37	d	Sulfide	18496-25-8	mg/L	10/1/2015	1	n/a	ND	
MW-37	d	2,4-D [2C]	94-75-7	ug/L	10/1/2015	1.11	n/a	ND	
MW-37	d	2,4,5-TP [Silvex] [2C]	93-72-1	ug/L	10/1/2015	1.11	n/a	ND	
MW-37	d	2,4,5-T [2C]	93-76-5	ug/L	10/1/2015	1.11	n/a	ND	
MW-37	d	alpha-BHC	319-84-6	ug/L	10/1/2015	0.0356	n/a	ND	
MW-37	d	beta-BHC	319-85-7	ug/L	10/1/2015	0.0356	n/a	ND	
MW-37	d	Dieldrin	60-57-1	ug/L	10/1/2015	0.0356	n/a	ND	
MW-37	d	4,4'-DDE	72-55-9	ug/L	10/1/2015	0.0356	n/a	ND	
MW-37	d	delta-BHC	319-86-8	ug/L	10/1/2015	0.0356	n/a	ND	
MW-37	d	Endrin	72-20-8	ug/L	10/1/2015	0.0356	n/a	ND	
MW-37	d	gamma-BHC [Lindane]	58-89-9	ug/L	10/1/2015	0.0356	n/a	ND	
MW-37	d	Endosulfan II	33213-65-9	ug/L	10/1/2015	0.0356	n/a	ND	
MW-37	d	Heptachlor	76-44-8	ug/L	10/1/2015	0.0356	n/a	ND	
MW-37	d	4,4'-DDD	72-54-8	ug/L	10/1/2015	0.0356	n/a	ND	
MW-37	d	Aldrin	309-00-2	ug/L	10/1/2015	0.0356	n/a	ND	
MW-37	d	Endosulfan sulfate	1031-07-8	ug/L	10/1/2015	0.0356	n/a	ND	
MW-37	d	Heptachlor epoxide	1024-57-3	ug/L	10/1/2015	0.0356	n/a	ND	

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MW-37	d	4,4'-DDT	50-29-3	ug/L	10/1/2015	0.0356	n/a	ND	
MW-37	d	Endosulfan I	959-98-8	ug/L	10/1/2015	0.0356	n/a	ND	
MW-37	d	Methoxychlor	72-43-5	ug/L	10/1/2015	0.0356	n/a	ND	
MW-37	d	Toxaphene	8001-35-2	ug/L	10/1/2015	2.22	n/a	ND	
MW-37	d	Endrin aldehyde	7421-93-4	ug/L	10/1/2015	0.0356	n/a	ND	
MW-37	d	Chlordane	57-74-9	ug/L	10/1/2015	2.22	n/a	ND	
MW-37	d	Total Suspended Solids	TSS	mg/L	10/1/2015	n/a	n/a		35
MW-66	d	Antimony	7440-36-0	mg/L	10/1/2015	n/a	n/a	J	0.000274
MW-66	d	Antimony	7440-36-0	mg/L	10/1/2015	n/a	n/a	J	0.000263
MW-66	d	Arsenic	7440-38-2	mg/L	10/1/2015	0.002	n/a	ND	
MW-66	d	Arsenic	7440-38-2	mg/L	10/1/2015	0.002	n/a	ND	
MW-66	d	Barium	7440-39-3	mg/L	10/1/2015	n/a	n/a		0.202
MW-66	d	Barium	7440-39-3	mg/L	10/1/2015	n/a	n/a		0.208
MW-66	d	Beryllium	7440-41-7	mg/L	10/1/2015	0.001	n/a	ND	
MW-66	d	Beryllium	7440-41-7	mg/L	10/1/2015	0.001	n/a	ND	
MW-66	d	Cadmium	7440-43-9	mg/L	10/1/2015	n/a	n/a	J	0.000162
MW-66	d	Cadmium	7440-43-9	mg/L	10/1/2015	0.0005	n/a	ND	
MW-66	d	Chromium	7440-47-3	mg/L	10/1/2015	0.005	n/a	ND	
MW-66	d	Chromium	7440-47-3	mg/L	10/1/2015	0.005	n/a	ND	
MW-66	d	Cobalt	7440-48-4	mg/L	10/1/2015	0.0005	n/a	ND	
MW-66	d	Cobalt	7440-48-4	mg/L	10/1/2015	0.0005	n/a	ND	
MW-66	d	Copper	7440-50-8	mg/L	10/1/2015	n/a	n/a	J	0.00129
MW-66	d	Copper	7440-50-8	mg/L	10/1/2015	n/a	n/a	J	0.00105
MW-66	d	Lead	7439-92-1	mg/L	10/1/2015	0.0005	n/a	ND	
MW-66	d	Lead	7439-92-1	mg/L	10/1/2015	0.0005	n/a	ND	
MW-66	d	Nickel	7440-02-0	mg/L	10/1/2015	n/a	n/a	J	0.00106
MW-66	d	Nickel	7440-02-0	mg/L	10/1/2015	n/a	n/a	J	0.000918
MW-66	d	Selenium	7782-49-2	mg/L	10/1/2015	0.005	n/a	ND	
MW-66	d	Selenium	7782-49-2	mg/L	10/1/2015	0.005	n/a	ND	
MW-66	d	Silver	7440-22-4	mg/L	10/1/2015	0.001	n/a	ND	
MW-66	d	Silver	7440-22-4	mg/L	10/1/2015	0.001	n/a	ND	
MW-66	d	Thallium	7440-28-0	mg/L	10/1/2015	0.001	n/a	ND	
MW-66	d	Thallium	7440-28-0	mg/L	10/1/2015	0.001	n/a	ND	
MW-66	d	Vanadium	7440-62-2	mg/L	10/1/2015	n/a	n/a	J	0.000522
MW-66	d	Vanadium	7440-62-2	mg/L	10/1/2015	n/a	n/a	J	0.000512
MW-66	d	Zinc	7440-66-6	mg/L	10/1/2015	0.01	n/a	ND	
MW-66	d	Zinc	7440-66-6	mg/L	10/1/2015	n/a	n/a		0.0174
MW-66	d	Acetone	67-64-1	ug/L	10/1/2015	10	n/a	ND	
MW-66	d	Acetone	67-64-1	ug/L	10/1/2015	10	n/a	ND	
MW-66	d	Acrylonitrile	107-13-1	ug/L	10/1/2015	10	n/a	ND	
MW-66	d	Acrylonitrile	107-13-1	ug/L	10/1/2015	10	n/a	ND	
MW-66	d	Benzene	71-43-2	ug/L	10/1/2015	0.5	n/a	ND	
MW-66	d	Benzene	71-43-2	ug/L	10/1/2015	0.5	n/a	ND	
MW-66	d	Bromochloromethane	74-97-5	ug/L	10/1/2015	5	n/a	ND	
MW-66	d	Bromochloromethane	74-97-5	ug/L	10/1/2015	5	n/a	ND	
MW-66	d	Bromodichloromethane	75-27-4	ug/L	10/1/2015	1	n/a	ND	
MW-66	d	Bromodichloromethane	75-27-4	ug/L	10/1/2015	1	n/a	ND	
MW-66	d	Bromoform	75-25-2	ug/L	10/1/2015	5	n/a	ND	
MW-66	d	Bromoform	75-25-2	ug/L	10/1/2015	5	n/a	ND	
MW-66	d	Carbon disulfide	75-15-0	ug/L	10/1/2015	1	n/a	ND	
MW-66	d	Carbon disulfide	75-15-0	ug/L	10/1/2015	1	n/a	ND	
MW-66	d	Carbon Tetrachloride	56-23-5	ug/L	10/1/2015	2	n/a	ND	
MW-66	d	Carbon Tetrachloride	56-23-5	ug/L	10/1/2015	2	n/a	ND	
MW-66	d	Chlorobenzene	108-90-7	ug/L	10/1/2015	1	n/a	ND	
MW-66	d	Chlorobenzene	108-90-7	ug/L	10/1/2015	1	n/a	ND	
MW-66	d	Chloroethane	75-00-3	ug/L	10/1/2015	4	n/a	ND	
MW-66	d	Chloroethane	75-00-3	ug/L	10/1/2015	4	n/a	ND	
MW-66	d	Chloroform	67-66-3	ug/L	10/1/2015	1	n/a	ND	
MW-66	d	Chloroform	67-66-3	ug/L	10/1/2015	1	n/a	ND	
MW-66	d	Chlorodibromomethane	124-48-1	ug/L	10/1/2015	5	n/a	ND	
MW-66	d	Chlorodibromomethane	124-48-1	ug/L	10/1/2015	5	n/a	ND	
MW-66	d	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	10/1/2015	0.5	n/a	ND	
MW-66	d	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	10/1/2015	0.5	n/a	ND	
MW-66	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	10/1/2015	0.13	n/a	ND	

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MW-66	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	10/1/2015	0.13	n/a	ND	
MW-66	d	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	10/1/2015	10	n/a	ND	
MW-66	d	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	10/1/2015	10	n/a	ND	
MW-66	d	1,1-Dichloroethane	75-34-3	ug/L	10/1/2015	1	n/a	ND	
MW-66	d	1,1-Dichloroethane	75-34-3	ug/L	10/1/2015	1	n/a	ND	
MW-66	d	1,2-Dichloroethane	107-06-2	ug/L	10/1/2015	1	n/a	ND	
MW-66	d	1,2-Dichloroethane	107-06-2	ug/L	10/1/2015	1	n/a	ND	
MW-66	d	1,1-Dichloroethene	75-35-4	ug/L	10/1/2015	2	n/a	ND	
MW-66	d	1,1-Dichloroethene	75-35-4	ug/L	10/1/2015	2	n/a	ND	
MW-66	d	cis-1,2-Dichloroethene	156-59-2	ug/L	10/1/2015	1	n/a	ND	
MW-66	d	cis-1,2-Dichloroethene	156-59-2	ug/L	10/1/2015	1	n/a	ND	
MW-66	d	trans-1,2-Dichloroethene	156-60-5	ug/L	10/1/2015	1	n/a	ND	
MW-66	d	trans-1,2-Dichloroethene	156-60-5	ug/L	10/1/2015	1	n/a	ND	
MW-66	d	1,2-Dichloropropane	78-87-5	ug/L	10/1/2015	1	n/a	ND	
MW-66	d	1,2-Dichloropropane	78-87-5	ug/L	10/1/2015	1	n/a	ND	
MW-66	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	10/1/2015	5	n/a	ND	
MW-66	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	10/1/2015	5	n/a	ND	
MW-66	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	10/1/2015	5	n/a	ND	
MW-66	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	10/1/2015	5	n/a	ND	
MW-66	d	1,2-Dichlorobenzene	95-50-1	ug/L	10/1/2015	1	n/a	ND	
MW-66	d	1,2-Dichlorobenzene	95-50-1	ug/L	10/1/2015	1	n/a	ND	
MW-66	d	1,4-Dichlorobenzene	106-46-7	ug/L	10/1/2015	1	n/a	ND	
MW-66	d	1,4-Dichlorobenzene	106-46-7	ug/L	10/1/2015	1	n/a	ND	
MW-66	d	Ethylbenzene	100-41-4	ug/L	10/1/2015	1	n/a	ND	
MW-66	d	Ethylbenzene	100-41-4	ug/L	10/1/2015	1	n/a	ND	
MW-66	d	2-Hexanone	591-78-6	ug/L	10/1/2015	10	n/a	ND	
MW-66	d	2-Hexanone	591-78-6	ug/L	10/1/2015	10	n/a	ND	
MW-66	d	Bromomethane	74-83-9	ug/L	10/1/2015	4	n/a	ND	
MW-66	d	Bromomethane	74-83-9	ug/L	10/1/2015	4	n/a	ND	
MW-66	d	Chloromethane	74-87-3	ug/L	10/1/2015	n/a	n/a	J	0.513
MW-66	d	Chloromethane	74-87-3	ug/L	10/1/2015	n/a	n/a	J	0.695
MW-66	d	2-Butanone	78-93-3	ug/L	10/1/2015	10	n/a	ND	
MW-66	d	2-Butanone	78-93-3	ug/L	10/1/2015	10	n/a	ND	
MW-66	d	Iodomethane	74-88-4	ug/L	10/1/2015	10	n/a	ND	
MW-66	d	Iodomethane	74-88-4	ug/L	10/1/2015	10	n/a	ND	
MW-66	d	4-Methyl-2-pentanone	108-10-1	ug/L	10/1/2015	10	n/a	ND	
MW-66	d	4-Methyl-2-pentanone	108-10-1	ug/L	10/1/2015	10	n/a	ND	
MW-66	d	Methylene Chloride	75-09-2	ug/L	10/1/2015	5	n/a	ND	
MW-66	d	Methylene Chloride	75-09-2	ug/L	10/1/2015	5	n/a	ND	
MW-66	d	Styrene	100-42-5	ug/L	10/1/2015	1	n/a	ND	
MW-66	d	Styrene	100-42-5	ug/L	10/1/2015	1	n/a	ND	
MW-66	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	10/1/2015	1	n/a	ND	
MW-66	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	10/1/2015	1	n/a	ND	
MW-66	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	10/1/2015	1	n/a	ND	
MW-66	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	10/1/2015	1	n/a	ND	
MW-66	d	Tetrachloroethene	127-18-4	ug/L	10/1/2015	1	n/a	ND	
MW-66	d	Tetrachloroethene	127-18-4	ug/L	10/1/2015	1	n/a	ND	
MW-66	d	Toluene	108-88-3	ug/L	10/1/2015	1	n/a	ND	
MW-66	d	Toluene	108-88-3	ug/L	10/1/2015	1	n/a	ND	
MW-66	d	1,1,1-Trichloroethane	71-55-6	ug/L	10/1/2015	1	n/a	ND	
MW-66	d	1,1,1-Trichloroethane	71-55-6	ug/L	10/1/2015	1	n/a	ND	
MW-66	d	1,1,2-Trichloroethane	79-00-5	ug/L	10/1/2015	1	n/a	ND	
MW-66	d	1,1,2-Trichloroethane	79-00-5	ug/L	10/1/2015	1	n/a	ND	
MW-66	d	Trichloroethene	79-01-6	ug/L	10/1/2015	1	n/a	ND	
MW-66	d	Trichloroethene	79-01-6	ug/L	10/1/2015	1	n/a	ND	
MW-66	d	Trichlorofluoromethane	75-69-4	ug/L	10/1/2015	4	n/a	ND	
MW-66	d	Trichlorofluoromethane	75-69-4	ug/L	10/1/2015	4	n/a	ND	
MW-66	d	1,2,3-Trichloropropane	96-18-4	ug/L	10/1/2015	1	n/a	ND	
MW-66	d	1,2,3-Trichloropropane	96-18-4	ug/L	10/1/2015	1	n/a	ND	
MW-66	d	Vinyl acetate	108-05-4	ug/L	10/1/2015	10	n/a	ND	
MW-66	d	Vinyl acetate	108-05-4	ug/L	10/1/2015	10	n/a	ND	
MW-66	d	Vinyl chloride	75-01-4	ug/L	10/1/2015	1	n/a	ND	
MW-66	d	Vinyl chloride	75-01-4	ug/L	10/1/2015	1	n/a	ND	
MW-66	d	Xylenes, total	1330-20-7	ug/L	10/1/2015	3	n/a	ND	

Table 9B
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Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-66	d	Xylenes, total	1330-20-7	ug/L	10/1/2015	3	n/a	ND	
MW-66	d	Methylene Bromide	74-95-3	ug/L	10/1/2015	1	n/a	ND	
MW-66	d	Methylene Bromide	74-95-3	ug/L	10/1/2015	1	n/a	ND	
MW-66	d	Total Suspended Solids	TSS	mg/L	10/1/2015	n/a	n/a		2.88
MW-66	d	Total Suspended Solids	TSS	mg/L	10/1/2015	1.88	n/a	ND	
MW-35R	u	Antimony	7440-36-0	mg/L	5/3/2016	0.001	n/a	ND	
MW-35R	u	Arsenic	7440-38-2	mg/L	5/3/2016	n/a	n/a		0.00966
MW-35R	u	Barium	7440-39-3	mg/L	5/3/2016	n/a	n/a		1.26
MW-35R	u	Beryllium	7440-41-7	mg/L	5/3/2016	n/a	n/a		0.00625
MW-35R	u	Cadmium	7440-43-9	mg/L	5/3/2016	n/a	n/a		0.0019
MW-35R	u	Chromium	7440-47-3	mg/L	5/3/2016	0.01	n/a	ND	
MW-35R	u	Cobalt	7440-48-4	mg/L	5/3/2016	n/a	n/a		0.0434
MW-35R	u	Copper	7440-50-8	mg/L	5/3/2016	n/a	n/a		0.031
MW-35R	u	Lead	7439-92-1	mg/L	5/3/2016	n/a	n/a	o	0.0473
MW-35R	u	Nickel	7440-02-0	mg/L	5/3/2016	n/a	n/a		0.0346
MW-35R	u	Selenium	7782-49-2	mg/L	5/3/2016	0.01	n/a	ND	
MW-35R	u	Silver	7440-22-4	mg/L	5/3/2016	0.001	n/a	ND	
MW-35R	u	Thallium	7440-28-0	mg/L	5/3/2016	0.001	n/a	ND	
MW-35R	u	Vanadium	7440-62-2	mg/L	5/3/2016	n/a	n/a		0.0467
MW-35R	u	Zinc	7440-66-6	mg/L	5/3/2016	n/a	n/a		0.138
MW-35R	u	Acetone	67-64-1	ug/L	5/3/2016	10	n/a	ND	
MW-35R	u	Acrylonitrile	107-13-1	ug/L	5/3/2016	10	n/a	ND	
MW-35R	u	Benzene	71-43-2	ug/L	5/3/2016	0.5	n/a	ND	
MW-35R	u	Bromochloromethane	74-97-5	ug/L	5/3/2016	5	n/a	ND	
MW-35R	u	Bromodichloromethane	75-27-4	ug/L	5/3/2016	1	n/a	ND	
MW-35R	u	Bromoform	75-25-2	ug/L	5/3/2016	5	n/a	ND	
MW-35R	u	Carbon disulfide	75-15-0	ug/L	5/3/2016	n/a	n/a		1.14
MW-35R	u	Carbon Tetrachloride	56-23-5	ug/L	5/3/2016	2	n/a	ND	
MW-35R	u	Chlorobenzene	108-90-7	ug/L	5/3/2016	1	n/a	ND	
MW-35R	u	Chloroethane	75-00-3	ug/L	5/3/2016	4	n/a	ND	
MW-35R	u	Chloroform	67-66-3	ug/L	5/3/2016	1	n/a	ND	
MW-35R	u	Chlorodibromomethane	124-48-1	ug/L	5/3/2016	5	n/a	ND	
MW-35R	u	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	5/3/2016	0.5	n/a	ND	
MW-35R	u	1,2-Dibromoethane [EDB]	106-93-4	ug/L	5/3/2016	0.13	n/a	ND	
MW-35R	u	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	5/3/2016	10	n/a	ND	
MW-35R	u	1,1-Dichloroethane	75-34-3	ug/L	5/3/2016	1	n/a	ND	
MW-35R	u	1,2-Dichloroethane	107-06-2	ug/L	5/3/2016	1	n/a	ND	
MW-35R	u	1,1-Dichloroethene	75-35-4	ug/L	5/3/2016	2	n/a	ND	
MW-35R	u	cis-1,2-Dichloroethene	156-59-2	ug/L	5/3/2016	1	n/a	ND	
MW-35R	u	trans-1,2-Dichloroethene	156-60-5	ug/L	5/3/2016	1	n/a	ND	
MW-35R	u	1,2-Dichloropropane	78-87-5	ug/L	5/3/2016	1	n/a	ND	
MW-35R	u	cis-1,3-Dichloropropene	10061-01-5	ug/L	5/3/2016	5	n/a	ND	
MW-35R	u	trans-1,3-Dichloropropene	10061-02-6	ug/L	5/3/2016	5	n/a	ND	
MW-35R	u	1,2-Dichlorobenzene	95-50-1	ug/L	5/3/2016	1	n/a	ND	
MW-35R	u	1,4-Dichlorobenzene	106-46-7	ug/L	5/3/2016	1	n/a	ND	
MW-35R	u	Ethylbenzene	100-41-4	ug/L	5/3/2016	1	n/a	ND	
MW-35R	u	2-Hexanone	591-78-6	ug/L	5/3/2016	10	n/a	ND	
MW-35R	u	Bromomethane	74-83-9	ug/L	5/3/2016	4	n/a	ND	
MW-35R	u	Chloromethane	74-87-3	ug/L	5/3/2016	3	n/a	ND	
MW-35R	u	2-Butanone	78-93-3	ug/L	5/3/2016	10	n/a	ND	
MW-35R	u	Iodomethane	74-88-4	ug/L	5/3/2016	10	n/a	ND	
MW-35R	u	4-Methyl-2-pentanone	108-10-1	ug/L	5/3/2016	10	n/a	ND	
MW-35R	u	Methylene Chloride	75-09-2	ug/L	5/3/2016	5	n/a	ND	
MW-35R	u	Styrene	100-42-5	ug/L	5/3/2016	1	n/a	ND	
MW-35R	u	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	5/3/2016	1	n/a	ND	
MW-35R	u	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	5/3/2016	1	n/a	ND	
MW-35R	u	Tetrachloroethene	127-18-4	ug/L	5/3/2016	1	n/a	ND	
MW-35R	u	Toluene	108-88-3	ug/L	5/3/2016	1	n/a	ND	
MW-35R	u	1,1,1-Trichloroethane	71-55-6	ug/L	5/3/2016	1	n/a	ND	
MW-35R	u	1,1,2-Trichloroethane	79-00-5	ug/L	5/3/2016	1	n/a	ND	
MW-35R	u	Trichloroethene	79-01-6	ug/L	5/3/2016	1	n/a	ND	
MW-35R	u	Trichlorofluoromethane	75-69-4	ug/L	5/3/2016	4	n/a	ND	
MW-35R	u	1,2,3-Trichloropropane	96-18-4	ug/L	5/3/2016	1	n/a	ND	
MW-35R	u	Vinyl acetate	108-05-4	ug/L	5/3/2016	10	n/a	ND	

Table 9B
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Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-35R	u	Vinyl chloride	75-01-4	ug/L	5/3/2016	1	n/a	ND	
MW-35R	u	Xylenes, total	1330-20-7	ug/L	5/3/2016	3	n/a	ND	
MW-35R	u	Methylene Bromide	74-95-3	ug/L	5/3/2016	1	n/a	ND	
MW-35R	u	Total Suspended Solids	TSS	mg/L	5/3/2016	n/a	n/a		9380
MW-36	d	Boron	7440-42-8	mg/L	5/3/2016	0.2	n/a	ND	
MW-36	d	Total Suspended Solids	TSS	mg/L	5/3/2016	n/a	n/a		17.9
MW-37	d	Antimony	7440-36-0	mg/L	5/3/2016	0.001	n/a	ND	
MW-37	d	Antimony	7440-36-0	mg/L	5/3/2016	0.001	n/a	ND	
MW-37	d	Arsenic	7440-38-2	mg/L	5/3/2016	0.002	n/a	ND	
MW-37	d	Arsenic	7440-38-2	mg/L	5/3/2016	0.002	n/a	ND	
MW-37	d	Barium	7440-39-3	mg/L	5/3/2016	n/a	n/a		0.165
MW-37	d	Barium	7440-39-3	mg/L	5/3/2016	n/a	n/a		0.206
MW-37	d	Beryllium	7440-41-7	mg/L	5/3/2016	0.001	n/a	ND	
MW-37	d	Beryllium	7440-41-7	mg/L	5/3/2016	0.001	n/a	ND	
MW-37	d	Cadmium	7440-43-9	mg/L	5/3/2016	0.0005	n/a	ND	
MW-37	d	Cadmium	7440-43-9	mg/L	5/3/2016	0.0005	n/a	ND	
MW-37	d	Chromium	7440-47-3	mg/L	5/3/2016	0.005	n/a	ND	
MW-37	d	Chromium	7440-47-3	mg/L	5/3/2016	0.005	n/a	ND	
MW-37	d	Cobalt	7440-48-4	mg/L	5/3/2016	0.0005	n/a	ND	
MW-37	d	Cobalt	7440-48-4	mg/L	5/3/2016	n/a	n/a		0.000539
MW-37	d	Copper	7440-50-8	mg/L	5/3/2016	0.005	n/a	ND	
MW-37	d	Copper	7440-50-8	mg/L	5/3/2016	0.005	n/a	ND	
MW-37	d	Lead	7439-92-1	mg/L	5/3/2016	n/a	n/a		0.000551
MW-37	d	Lead	7439-92-1	mg/L	5/3/2016	n/a	n/a		0.00104
MW-37	d	Nickel	7440-02-0	mg/L	5/3/2016	0.005	n/a	ND	
MW-37	d	Nickel	7440-02-0	mg/L	5/3/2016	0.005	n/a	ND	
MW-37	d	Selenium	7782-49-2	mg/L	5/3/2016	0.005	n/a	ND	
MW-37	d	Selenium	7782-49-2	mg/L	5/3/2016	0.005	n/a	ND	
MW-37	d	Silver	7440-22-4	mg/L	5/3/2016	0.001	n/a	ND	
MW-37	d	Silver	7440-22-4	mg/L	5/3/2016	0.001	n/a	ND	
MW-37	d	Thallium	7440-28-0	mg/L	5/3/2016	0.001	n/a	ND	
MW-37	d	Thallium	7440-28-0	mg/L	5/3/2016	0.001	n/a	ND	
MW-37	d	Vanadium	7440-62-2	mg/L	5/3/2016	0.005	n/a	ND	
MW-37	d	Vanadium	7440-62-2	mg/L	5/3/2016	0.005	n/a	ND	
MW-37	d	Zinc	7440-66-6	mg/L	5/3/2016	0.01	n/a	ND	
MW-37	d	Zinc	7440-66-6	mg/L	5/3/2016	0.01	n/a	ND	
MW-37	d	Acetone	67-64-1	ug/L	5/3/2016	10	n/a	ND	
MW-37	d	Acetone	67-64-1	ug/L	5/3/2016	10	n/a	ND	
MW-37	d	Acrylonitrile	107-13-1	ug/L	5/3/2016	10	n/a	ND	
MW-37	d	Acrylonitrile	107-13-1	ug/L	5/3/2016	10	n/a	ND	
MW-37	d	Benzene	71-43-2	ug/L	5/3/2016	0.5	n/a	ND	
MW-37	d	Benzene	71-43-2	ug/L	5/3/2016	0.5	n/a	ND	
MW-37	d	Bromochloromethane	74-97-5	ug/L	5/3/2016	5	n/a	ND	
MW-37	d	Bromochloromethane	74-97-5	ug/L	5/3/2016	5	n/a	ND	
MW-37	d	Bromodichloromethane	75-27-4	ug/L	5/3/2016	1	n/a	ND	
MW-37	d	Bromodichloromethane	75-27-4	ug/L	5/3/2016	1	n/a	ND	
MW-37	d	Bromoform	75-25-2	ug/L	5/3/2016	5	n/a	ND	
MW-37	d	Bromoform	75-25-2	ug/L	5/3/2016	5	n/a	ND	
MW-37	d	Carbon disulfide	75-15-0	ug/L	5/3/2016	1	n/a	ND	
MW-37	d	Carbon disulfide	75-15-0	ug/L	5/3/2016	1	n/a	ND	
MW-37	d	Carbon Tetrachloride	56-23-5	ug/L	5/3/2016	2	n/a	ND	
MW-37	d	Carbon Tetrachloride	56-23-5	ug/L	5/3/2016	2	n/a	ND	
MW-37	d	Chlorobenzene	108-90-7	ug/L	5/3/2016	1	n/a	ND	
MW-37	d	Chlorobenzene	108-90-7	ug/L	5/3/2016	1	n/a	ND	
MW-37	d	Chloroethane	75-00-3	ug/L	5/3/2016	4	n/a	ND	
MW-37	d	Chloroethane	75-00-3	ug/L	5/3/2016	4	n/a	ND	
MW-37	d	Chloroform	67-66-3	ug/L	5/3/2016	1	n/a	ND	
MW-37	d	Chloroform	67-66-3	ug/L	5/3/2016	1	n/a	ND	
MW-37	d	Chlorodibromomethane	124-48-1	ug/L	5/3/2016	5	n/a	ND	
MW-37	d	Chlorodibromomethane	124-48-1	ug/L	5/3/2016	5	n/a	ND	
MW-37	d	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	5/3/2016	0.5	n/a	ND	
MW-37	d	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	5/3/2016	0.5	n/a	ND	
MW-37	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	5/3/2016	0.13	n/a	ND	
MW-37	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	5/3/2016	0.13	n/a	ND	

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Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-37	d	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	5/3/2016	10	n/a	ND	
MW-37	d	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	5/3/2016	10	n/a	ND	
MW-37	d	1,1-Dichloroethane	75-34-3	ug/L	5/3/2016	1	n/a	ND	
MW-37	d	1,1-Dichloroethane	75-34-3	ug/L	5/3/2016	1	n/a	ND	
MW-37	d	1,2-Dichloroethane	107-06-2	ug/L	5/3/2016	1	n/a	ND	
MW-37	d	1,2-Dichloroethane	107-06-2	ug/L	5/3/2016	1	n/a	ND	
MW-37	d	1,1-Dichloroethene	75-35-4	ug/L	5/3/2016	2	n/a	ND	
MW-37	d	1,1-Dichloroethene	75-35-4	ug/L	5/3/2016	2	n/a	ND	
MW-37	d	cis-1,2-Dichloroethene	156-59-2	ug/L	5/3/2016	1	n/a	ND	
MW-37	d	cis-1,2-Dichloroethene	156-59-2	ug/L	5/3/2016	1	n/a	ND	
MW-37	d	trans-1,2-Dichloroethene	156-60-5	ug/L	5/3/2016	1	n/a	ND	
MW-37	d	trans-1,2-Dichloroethene	156-60-5	ug/L	5/3/2016	1	n/a	ND	
MW-37	d	1,2-Dichloropropane	78-87-5	ug/L	5/3/2016	1	n/a	ND	
MW-37	d	1,2-Dichloropropane	78-87-5	ug/L	5/3/2016	1	n/a	ND	
MW-37	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	5/3/2016	5	n/a	ND	
MW-37	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	5/3/2016	5	n/a	ND	
MW-37	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	5/3/2016	5	n/a	ND	
MW-37	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	5/3/2016	5	n/a	ND	
MW-37	d	1,2-Dichlorobenzene	95-50-1	ug/L	5/3/2016	1	n/a	ND	
MW-37	d	1,2-Dichlorobenzene	95-50-1	ug/L	5/3/2016	1	n/a	ND	
MW-37	d	1,4-Dichlorobenzene	106-46-7	ug/L	5/3/2016	1	n/a	ND	
MW-37	d	1,4-Dichlorobenzene	106-46-7	ug/L	5/3/2016	1	n/a	ND	
MW-37	d	Ethylbenzene	100-41-4	ug/L	5/3/2016	1	n/a	ND	
MW-37	d	Ethylbenzene	100-41-4	ug/L	5/3/2016	1	n/a	ND	
MW-37	d	2-Hexanone	591-78-6	ug/L	5/3/2016	10	n/a	ND	
MW-37	d	2-Hexanone	591-78-6	ug/L	5/3/2016	10	n/a	ND	
MW-37	d	Bromomethane	74-83-9	ug/L	5/3/2016	4	n/a	ND	
MW-37	d	Bromomethane	74-83-9	ug/L	5/3/2016	4	n/a	ND	
MW-37	d	Chloromethane	74-87-3	ug/L	5/3/2016	3	n/a	ND	
MW-37	d	Chloromethane	74-87-3	ug/L	5/3/2016	3	n/a	ND	
MW-37	d	2-Butanone	78-93-3	ug/L	5/3/2016	10	n/a	ND	
MW-37	d	2-Butanone	78-93-3	ug/L	5/3/2016	10	n/a	ND	
MW-37	d	Iodomethane	74-88-4	ug/L	5/3/2016	10	n/a	ND	
MW-37	d	Iodomethane	74-88-4	ug/L	5/3/2016	10	n/a	ND	
MW-37	d	4-Methyl-2-pentanone	108-10-1	ug/L	5/3/2016	10	n/a	ND	
MW-37	d	4-Methyl-2-pentanone	108-10-1	ug/L	5/3/2016	10	n/a	ND	
MW-37	d	Methylene Chloride	75-09-2	ug/L	5/3/2016	5	n/a	ND	
MW-37	d	Methylene Chloride	75-09-2	ug/L	5/3/2016	5	n/a	ND	
MW-37	d	Styrene	100-42-5	ug/L	5/3/2016	1	n/a	ND	
MW-37	d	Styrene	100-42-5	ug/L	5/3/2016	1	n/a	ND	
MW-37	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	5/3/2016	1	n/a	ND	
MW-37	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	5/3/2016	1	n/a	ND	
MW-37	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	5/3/2016	1	n/a	ND	
MW-37	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	5/3/2016	1	n/a	ND	
MW-37	d	Tetrachloroethene	127-18-4	ug/L	5/3/2016	1	n/a	ND	
MW-37	d	Tetrachloroethene	127-18-4	ug/L	5/3/2016	1	n/a	ND	
MW-37	d	Toluene	108-88-3	ug/L	5/3/2016	1	n/a	ND	
MW-37	d	Toluene	108-88-3	ug/L	5/3/2016	1	n/a	ND	
MW-37	d	1,1,1-Trichloroethane	71-55-6	ug/L	5/3/2016	1	n/a	ND	
MW-37	d	1,1,1-Trichloroethane	71-55-6	ug/L	5/3/2016	1	n/a	ND	
MW-37	d	1,1,2-Trichloroethane	79-00-5	ug/L	5/3/2016	1	n/a	ND	
MW-37	d	1,1,2-Trichloroethane	79-00-5	ug/L	5/3/2016	1	n/a	ND	
MW-37	d	Trichloroethene	79-01-6	ug/L	5/3/2016	1	n/a	ND	
MW-37	d	Trichloroethene	79-01-6	ug/L	5/3/2016	1	n/a	ND	
MW-37	d	Trichlorofluoromethane	75-69-4	ug/L	5/3/2016	4	n/a	ND	
MW-37	d	Trichlorofluoromethane	75-69-4	ug/L	5/3/2016	4	n/a	ND	
MW-37	d	1,2,3-Trichloropropane	96-18-4	ug/L	5/3/2016	1	n/a	ND	
MW-37	d	1,2,3-Trichloropropane	96-18-4	ug/L	5/3/2016	1	n/a	ND	
MW-37	d	Vinyl acetate	108-05-4	ug/L	5/3/2016	10	n/a	ND	
MW-37	d	Vinyl acetate	108-05-4	ug/L	5/3/2016	10	n/a	ND	
MW-37	d	Vinyl chloride	75-01-4	ug/L	5/3/2016	1	n/a	ND	
MW-37	d	Vinyl chloride	75-01-4	ug/L	5/3/2016	1	n/a	ND	
MW-37	d	Xylenes, total	1330-20-7	ug/L	5/3/2016	3	n/a	ND	
MW-37	d	Xylenes, total	1330-20-7	ug/L	5/3/2016	3	n/a	ND	

Table 9B
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Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-37	d	Methylene Bromide	74-95-3	ug/L	5/3/2016	1	n/a	ND	
MW-37	d	Methylene Bromide	74-95-3	ug/L	5/3/2016	1	n/a	ND	
MW-37	d	Total Suspended Solids	TSS	mg/L	5/3/2016	n/a	n/a		18.6
MW-37	d	Total Suspended Solids	TSS	mg/L	5/3/2016	n/a	n/a		12.9
MW-66	d	Antimony	7440-36-0	mg/L	5/3/2016	0.001	n/a	ND	
MW-66	d	Arsenic	7440-38-2	mg/L	5/3/2016	0.002	n/a	ND	
MW-66	d	Barium	7440-39-3	mg/L	5/3/2016	n/a	n/a		0.185
MW-66	d	Beryllium	7440-41-7	mg/L	5/3/2016	0.001	n/a	ND	
MW-66	d	Cadmium	7440-43-9	mg/L	5/3/2016	0.0005	n/a	ND	
MW-66	d	Chromium	7440-47-3	mg/L	5/3/2016	0.005	n/a	ND	
MW-66	d	Cobalt	7440-48-4	mg/L	5/3/2016	0.0005	n/a	ND	
MW-66	d	Copper	7440-50-8	mg/L	5/3/2016	0.005	n/a	ND	
MW-66	d	Lead	7439-92-1	mg/L	5/3/2016	0.0005	n/a	ND	
MW-66	d	Nickel	7440-02-0	mg/L	5/3/2016	0.005	n/a	ND	
MW-66	d	Selenium	7782-49-2	mg/L	5/3/2016	0.005	n/a	ND	
MW-66	d	Silver	7440-22-4	mg/L	5/3/2016	0.001	n/a	ND	
MW-66	d	Thallium	7440-28-0	mg/L	5/3/2016	0.001	n/a	ND	
MW-66	d	Vanadium	7440-62-2	mg/L	5/3/2016	0.005	n/a	ND	
MW-66	d	Zinc	7440-66-6	mg/L	5/3/2016	0.01	n/a	ND	
MW-66	d	Acetone	67-64-1	ug/L	5/3/2016	10	n/a	ND	
MW-66	d	Acrylonitrile	107-13-1	ug/L	5/3/2016	10	n/a	ND	
MW-66	d	Benzene	71-43-2	ug/L	5/3/2016	0.5	n/a	ND	
MW-66	d	Bromochloromethane	74-97-5	ug/L	5/3/2016	5	n/a	ND	
MW-66	d	Bromodichloromethane	75-27-4	ug/L	5/3/2016	1	n/a	ND	
MW-66	d	Bromoform	75-25-2	ug/L	5/3/2016	5	n/a	ND	
MW-66	d	Carbon disulfide	75-15-0	ug/L	5/3/2016	1	n/a	ND	
MW-66	d	Carbon Tetrachloride	56-23-5	ug/L	5/3/2016	2	n/a	ND	
MW-66	d	Chlorobenzene	108-90-7	ug/L	5/3/2016	1	n/a	ND	
MW-66	d	Chloroethane	75-00-3	ug/L	5/3/2016	4	n/a	ND	
MW-66	d	Chloroform	67-66-3	ug/L	5/3/2016	1	n/a	ND	
MW-66	d	Chlorodibromomethane	124-48-1	ug/L	5/3/2016	5	n/a	ND	
MW-66	d	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	5/3/2016	0.5	n/a	ND	
MW-66	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	5/3/2016	0.13	n/a	ND	
MW-66	d	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	5/3/2016	10	n/a	ND	
MW-66	d	1,1-Dichloroethane	75-34-3	ug/L	5/3/2016	1	n/a	ND	
MW-66	d	1,2-Dichloroethane	107-06-2	ug/L	5/3/2016	1	n/a	ND	
MW-66	d	1,1-Dichloroethene	75-35-4	ug/L	5/3/2016	2	n/a	ND	
MW-66	d	cis-1,2-Dichloroethene	156-59-2	ug/L	5/3/2016	1	n/a	ND	
MW-66	d	trans-1,2-Dichloroethene	156-60-5	ug/L	5/3/2016	1	n/a	ND	
MW-66	d	1,2-Dichloropropane	78-87-5	ug/L	5/3/2016	1	n/a	ND	
MW-66	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	5/3/2016	5	n/a	ND	
MW-66	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	5/3/2016	5	n/a	ND	
MW-66	d	1,2-Dichlorobenzene	95-50-1	ug/L	5/3/2016	1	n/a	ND	
MW-66	d	1,4-Dichlorobenzene	106-46-7	ug/L	5/3/2016	1	n/a	ND	
MW-66	d	Ethylbenzene	100-41-4	ug/L	5/3/2016	1	n/a	ND	
MW-66	d	2-Hexanone	591-78-6	ug/L	5/3/2016	10	n/a	ND	
MW-66	d	Bromomethane	74-83-9	ug/L	5/3/2016	4	n/a	ND	
MW-66	d	Chloromethane	74-87-3	ug/L	5/3/2016	3	n/a	ND	
MW-66	d	2-Butanone	78-93-3	ug/L	5/3/2016	10	n/a	ND	
MW-66	d	Iodomethane	74-88-4	ug/L	5/3/2016	10	n/a	ND	
MW-66	d	4-Methyl-2-pentanone	108-10-1	ug/L	5/3/2016	10	n/a	ND	
MW-66	d	Methylene Chloride	75-09-2	ug/L	5/3/2016	5	n/a	ND	
MW-66	d	Styrene	100-42-5	ug/L	5/3/2016	1	n/a	ND	
MW-66	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	5/3/2016	1	n/a	ND	
MW-66	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	5/3/2016	1	n/a	ND	
MW-66	d	Tetrachloroethene	127-18-4	ug/L	5/3/2016	1	n/a	ND	
MW-66	d	Toluene	108-88-3	ug/L	5/3/2016	1	n/a	ND	
MW-66	d	1,1,1-Trichloroethane	71-55-6	ug/L	5/3/2016	1	n/a	ND	
MW-66	d	1,1,2-Trichloroethane	79-00-5	ug/L	5/3/2016	1	n/a	ND	
MW-66	d	Trichloroethene	79-01-6	ug/L	5/3/2016	1	n/a	ND	
MW-66	d	Trichlorofluoromethane	75-69-4	ug/L	5/3/2016	4	n/a	ND	
MW-66	d	1,2,3-Trichloropropane	96-18-4	ug/L	5/3/2016	1	n/a	ND	
MW-66	d	Vinyl acetate	108-05-4	ug/L	5/3/2016	10	n/a	ND	
MW-66	d	Vinyl chloride	75-01-4	ug/L	5/3/2016	1	n/a	ND	

Table 9B
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Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-66	d	Xylenes, total	1330-20-7	ug/L	5/3/2016	3	n/a	ND	
MW-66	d	Methylene Bromide	74-95-3	ug/L	5/3/2016	1	n/a	ND	
MW-66	d	Total Suspended Solids	TSS	mg/L	5/3/2016	1.9	n/a	ND	
MW-36	d	Boron	7440-42-8	mg/L	10/4/2016	n/a	n/a		0.49
MW-36	d	Total Suspended Solids	TSS	mg/L	10/4/2016	n/a	n/a		89.3
MW-37	d	Antimony	7440-36-0	mg/L	10/4/2016	0.001	n/a	ND	
MW-37	d	Arsenic	7440-38-2	mg/L	10/4/2016	0.002	n/a	ND	
MW-37	d	Barium	7440-39-3	mg/L	10/4/2016	n/a	n/a		0.124
MW-37	d	Beryllium	7440-41-7	mg/L	10/4/2016	0.001	n/a	ND	
MW-37	d	Cadmium	7440-43-9	mg/L	10/4/2016	0.0005	n/a	ND	
MW-37	d	Chromium	7440-47-3	mg/L	10/4/2016	0.005	n/a	ND	
MW-37	d	Cobalt	7440-48-4	mg/L	10/4/2016	n/a	n/a		0.000866
MW-37	d	Copper	7440-50-8	mg/L	10/4/2016	0.005	n/a	ND	
MW-37	d	Lead	7439-92-1	mg/L	10/4/2016	0.0005	n/a	ND	
MW-37	d	Nickel	7440-02-0	mg/L	10/4/2016	0.005	n/a	ND	
MW-37	d	Selenium	7782-49-2	mg/L	10/4/2016	0.005	n/a	ND	
MW-37	d	Silver	7440-22-4	mg/L	10/4/2016	0.001	n/a	ND	
MW-37	d	Thallium	7440-28-0	mg/L	10/4/2016	0.001	n/a	ND	
MW-37	d	Vanadium	7440-62-2	mg/L	10/4/2016	0.005	n/a	ND	
MW-37	d	Zinc	7440-66-6	mg/L	10/4/2016	n/a	n/a		0.0213
MW-37	d	Acetone	67-64-1	ug/L	10/4/2016	10	n/a	ND	
MW-37	d	Acrylonitrile	107-13-1	ug/L	10/4/2016	10	n/a	ND	
MW-37	d	Benzene	71-43-2	ug/L	10/4/2016	0.5	n/a	ND	
MW-37	d	Bromochloromethane	74-97-5	ug/L	10/4/2016	5	n/a	ND	
MW-37	d	Bromodichloromethane	75-27-4	ug/L	10/4/2016	1	n/a	ND	
MW-37	d	Bromoform	75-25-2	ug/L	10/4/2016	5	n/a	ND	
MW-37	d	Carbon disulfide	75-15-0	ug/L	10/4/2016	1	n/a	ND	
MW-37	d	Carbon Tetrachloride	56-23-5	ug/L	10/4/2016	2	n/a	ND	
MW-37	d	Chlorobenzene	108-90-7	ug/L	10/4/2016	1	n/a	ND	
MW-37	d	Chloroethane	75-00-3	ug/L	10/4/2016	n/a	n/a		15.9
MW-37	d	Chloroform	67-66-3	ug/L	10/4/2016	1	n/a	ND	
MW-37	d	Chlorodibromomethane	124-48-1	ug/L	10/4/2016	5	n/a	ND	
MW-37	d	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	10/4/2016	0.5	n/a	ND	
MW-37	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	10/4/2016	0.13	n/a	ND	
MW-37	d	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	10/4/2016	10	n/a	ND	
MW-37	d	1,1-Dichloroethane	75-34-3	ug/L	10/4/2016	1	n/a	ND	
MW-37	d	1,2-Dichloroethane	107-06-2	ug/L	10/4/2016	1	n/a	ND	
MW-37	d	1,1-Dichloroethene	75-35-4	ug/L	10/4/2016	2	n/a	ND	
MW-37	d	cis-1,2-Dichloroethene	156-59-2	ug/L	10/4/2016	1	n/a	ND	
MW-37	d	trans-1,2-Dichloroethene	156-60-5	ug/L	10/4/2016	1	n/a	ND	
MW-37	d	1,2-Dichloropropane	78-87-5	ug/L	10/4/2016	1	n/a	ND	
MW-37	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	10/4/2016	5	n/a	ND	
MW-37	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	10/4/2016	5	n/a	ND	
MW-37	d	1,2-Dichlorobenzene	95-50-1	ug/L	10/4/2016	1	n/a	ND	
MW-37	d	1,4-Dichlorobenzene	106-46-7	ug/L	10/4/2016	1	n/a	ND	
MW-37	d	Ethylbenzene	100-41-4	ug/L	10/4/2016	1	n/a	ND	
MW-37	d	2-Hexanone	591-78-6	ug/L	10/4/2016	10	n/a	ND	
MW-37	d	Bromomethane	74-83-9	ug/L	10/4/2016	4	n/a	ND	
MW-37	d	Chloromethane	74-87-3	ug/L	10/4/2016	3	n/a	ND	
MW-37	d	2-Butanone	78-93-3	ug/L	10/4/2016	10	n/a	ND	
MW-37	d	Iodomethane	74-88-4	ug/L	10/4/2016	10	n/a	ND	
MW-37	d	4-Methyl-2-pentanone	108-10-1	ug/L	10/4/2016	10	n/a	ND	
MW-37	d	Methylene Chloride	75-09-2	ug/L	10/4/2016	5	n/a	ND	
MW-37	d	Styrene	100-42-5	ug/L	10/4/2016	1	n/a	ND	
MW-37	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	10/4/2016	1	n/a	ND	
MW-37	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	10/4/2016	1	n/a	ND	
MW-37	d	Tetrachloroethene	127-18-4	ug/L	10/4/2016	1	n/a	ND	
MW-37	d	Toluene	108-88-3	ug/L	10/4/2016	n/a	n/a		4.21
MW-37	d	1,1,1-Trichloroethane	71-55-6	ug/L	10/4/2016	1	n/a	ND	
MW-37	d	1,1,2-Trichloroethane	79-00-5	ug/L	10/4/2016	1	n/a	ND	
MW-37	d	Trichloroethene	79-01-6	ug/L	10/4/2016	1	n/a	ND	
MW-37	d	Trichlorofluoromethane	75-69-4	ug/L	10/4/2016	4	n/a	ND	
MW-37	d	1,2,3-Trichloropropane	96-18-4	ug/L	10/4/2016	1	n/a	ND	
MW-37	d	Vinyl acetate	108-05-4	ug/L	10/4/2016	10	n/a	ND	

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Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-37	d	Vinyl chloride	75-01-4	ug/L	10/4/2016	1	n/a	ND	
MW-37	d	Xylenes, total	1330-20-7	ug/L	10/4/2016	3	n/a	ND	
MW-37	d	Methylene Bromide	74-95-3	ug/L	10/4/2016	1	n/a	ND	
MW-37	d	Total Suspended Solids	TSS	mg/L	10/4/2016	n/a	n/a		12.8
MW-66	d	Antimony	7440-36-0	mg/L	10/4/2016	0.001	n/a	ND	
MW-66	d	Antimony	7440-36-0	mg/L	10/4/2016	0.001	n/a	ND	
MW-66	d	Arsenic	7440-38-2	mg/L	10/4/2016	0.002	n/a	ND	
MW-66	d	Arsenic	7440-38-2	mg/L	10/4/2016	0.002	n/a	ND	
MW-66	d	Barium	7440-39-3	mg/L	10/4/2016	n/a	n/a		0.185
MW-66	d	Barium	7440-39-3	mg/L	10/4/2016	n/a	n/a		0.177
MW-66	d	Beryllium	7440-41-7	mg/L	10/4/2016	0.001	n/a	ND	
MW-66	d	Beryllium	7440-41-7	mg/L	10/4/2016	0.001	n/a	ND	
MW-66	d	Cadmium	7440-43-9	mg/L	10/4/2016	0.0005	n/a	ND	
MW-66	d	Cadmium	7440-43-9	mg/L	10/4/2016	0.0005	n/a	ND	
MW-66	d	Chromium	7440-47-3	mg/L	10/4/2016	0.005	n/a	ND	
MW-66	d	Chromium	7440-47-3	mg/L	10/4/2016	0.005	n/a	ND	
MW-66	d	Cobalt	7440-48-4	mg/L	10/4/2016	0.0005	n/a	ND	
MW-66	d	Cobalt	7440-48-4	mg/L	10/4/2016	0.0005	n/a	ND	
MW-66	d	Copper	7440-50-8	mg/L	10/4/2016	0.005	n/a	ND	
MW-66	d	Copper	7440-50-8	mg/L	10/4/2016	0.005	n/a	ND	
MW-66	d	Lead	7439-92-1	mg/L	10/4/2016	0.0005	n/a	ND	
MW-66	d	Lead	7439-92-1	mg/L	10/4/2016	0.0005	n/a	ND	
MW-66	d	Nickel	7440-02-0	mg/L	10/4/2016	0.005	n/a	ND	
MW-66	d	Nickel	7440-02-0	mg/L	10/4/2016	0.005	n/a	ND	
MW-66	d	Selenium	7782-49-2	mg/L	10/4/2016	0.005	n/a	ND	
MW-66	d	Selenium	7782-49-2	mg/L	10/4/2016	0.005	n/a	ND	
MW-66	d	Silver	7440-22-4	mg/L	10/4/2016	0.001	n/a	ND	
MW-66	d	Silver	7440-22-4	mg/L	10/4/2016	0.001	n/a	ND	
MW-66	d	Thallium	7440-28-0	mg/L	10/4/2016	0.001	n/a	ND	
MW-66	d	Thallium	7440-28-0	mg/L	10/4/2016	0.001	n/a	ND	
MW-66	d	Vanadium	7440-62-2	mg/L	10/4/2016	0.005	n/a	ND	
MW-66	d	Vanadium	7440-62-2	mg/L	10/4/2016	0.005	n/a	ND	
MW-66	d	Zinc	7440-66-6	mg/L	10/4/2016	0.01	n/a	ND	
MW-66	d	Zinc	7440-66-6	mg/L	10/4/2016	0.01	n/a	ND	
MW-66	d	Acetone	67-64-1	ug/L	10/4/2016	10	n/a	ND	
MW-66	d	Acetone	67-64-1	ug/L	10/4/2016	10	n/a	ND	
MW-66	d	Acrylonitrile	107-13-1	ug/L	10/4/2016	10	n/a	ND	
MW-66	d	Acrylonitrile	107-13-1	ug/L	10/4/2016	10	n/a	ND	
MW-66	d	Benzene	71-43-2	ug/L	10/4/2016	0.5	n/a	ND	
MW-66	d	Benzene	71-43-2	ug/L	10/4/2016	0.5	n/a	ND	
MW-66	d	Bromochloromethane	74-97-5	ug/L	10/4/2016	5	n/a	ND	
MW-66	d	Bromochloromethane	74-97-5	ug/L	10/4/2016	5	n/a	ND	
MW-66	d	Bromodichloromethane	75-27-4	ug/L	10/4/2016	1	n/a	ND	
MW-66	d	Bromodichloromethane	75-27-4	ug/L	10/4/2016	1	n/a	ND	
MW-66	d	Bromoform	75-25-2	ug/L	10/4/2016	5	n/a	ND	
MW-66	d	Bromoform	75-25-2	ug/L	10/4/2016	5	n/a	ND	
MW-66	d	Carbon disulfide	75-15-0	ug/L	10/4/2016	1	n/a	ND	
MW-66	d	Carbon disulfide	75-15-0	ug/L	10/4/2016	1	n/a	ND	
MW-66	d	Carbon Tetrachloride	56-23-5	ug/L	10/4/2016	2	n/a	ND	
MW-66	d	Carbon Tetrachloride	56-23-5	ug/L	10/4/2016	2	n/a	ND	
MW-66	d	Chlorobenzene	108-90-7	ug/L	10/4/2016	1	n/a	ND	
MW-66	d	Chlorobenzene	108-90-7	ug/L	10/4/2016	1	n/a	ND	
MW-66	d	Chloroethane	75-00-3	ug/L	10/4/2016	4	n/a	ND	
MW-66	d	Chloroethane	75-00-3	ug/L	10/4/2016	4	n/a	ND	
MW-66	d	Chloroform	67-66-3	ug/L	10/4/2016	1	n/a	ND	
MW-66	d	Chloroform	67-66-3	ug/L	10/4/2016	1	n/a	ND	
MW-66	d	Chlorodibromomethane	124-48-1	ug/L	10/4/2016	5	n/a	ND	
MW-66	d	Chlorodibromomethane	124-48-1	ug/L	10/4/2016	5	n/a	ND	
MW-66	d	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	10/4/2016	0.5	n/a	ND	
MW-66	d	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	10/4/2016	0.5	n/a	ND	
MW-66	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	10/4/2016	0.13	n/a	ND	
MW-66	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	10/4/2016	0.13	n/a	ND	
MW-66	d	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	10/4/2016	10	n/a	ND	
MW-66	d	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	10/4/2016	10	n/a	ND	

Table 9B
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Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-66	d	1,1-Dichloroethane	75-34-3	ug/L	10/4/2016	1	n/a	ND	
MW-66	d	1,1-Dichloroethane	75-34-3	ug/L	10/4/2016	1	n/a	ND	
MW-66	d	1,2-Dichloroethane	107-06-2	ug/L	10/4/2016	1	n/a	ND	
MW-66	d	1,2-Dichloroethane	107-06-2	ug/L	10/4/2016	1	n/a	ND	
MW-66	d	1,1-Dichloroethene	75-35-4	ug/L	10/4/2016	2	n/a	ND	
MW-66	d	1,1-Dichloroethene	75-35-4	ug/L	10/4/2016	2	n/a	ND	
MW-66	d	cis-1,2-Dichloroethene	156-59-2	ug/L	10/4/2016	1	n/a	ND	
MW-66	d	cis-1,2-Dichloroethene	156-59-2	ug/L	10/4/2016	1	n/a	ND	
MW-66	d	trans-1,2-Dichloroethene	156-60-5	ug/L	10/4/2016	1	n/a	ND	
MW-66	d	trans-1,2-Dichloroethene	156-60-5	ug/L	10/4/2016	1	n/a	ND	
MW-66	d	1,2-Dichloropropane	78-87-5	ug/L	10/4/2016	1	n/a	ND	
MW-66	d	1,2-Dichloropropane	78-87-5	ug/L	10/4/2016	1	n/a	ND	
MW-66	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	10/4/2016	5	n/a	ND	
MW-66	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	10/4/2016	5	n/a	ND	
MW-66	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	10/4/2016	5	n/a	ND	
MW-66	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	10/4/2016	5	n/a	ND	
MW-66	d	1,2-Dichlorobenzene	95-50-1	ug/L	10/4/2016	1	n/a	ND	
MW-66	d	1,2-Dichlorobenzene	95-50-1	ug/L	10/4/2016	1	n/a	ND	
MW-66	d	1,4-Dichlorobenzene	106-46-7	ug/L	10/4/2016	1	n/a	ND	
MW-66	d	1,4-Dichlorobenzene	106-46-7	ug/L	10/4/2016	1	n/a	ND	
MW-66	d	Ethylbenzene	100-41-4	ug/L	10/4/2016	1	n/a	ND	
MW-66	d	Ethylbenzene	100-41-4	ug/L	10/4/2016	1	n/a	ND	
MW-66	d	2-Hexanone	591-78-6	ug/L	10/4/2016	10	n/a	ND	
MW-66	d	2-Hexanone	591-78-6	ug/L	10/4/2016	10	n/a	ND	
MW-66	d	Bromomethane	74-83-9	ug/L	10/4/2016	4	n/a	ND	
MW-66	d	Bromomethane	74-83-9	ug/L	10/4/2016	4	n/a	ND	
MW-66	d	Chloromethane	74-87-3	ug/L	10/4/2016	3	n/a	ND	
MW-66	d	Chloromethane	74-87-3	ug/L	10/4/2016	3	n/a	ND	
MW-66	d	2-Butanone	78-93-3	ug/L	10/4/2016	10	n/a	ND	
MW-66	d	2-Butanone	78-93-3	ug/L	10/4/2016	10	n/a	ND	
MW-66	d	Iodomethane	74-88-4	ug/L	10/4/2016	10	n/a	ND	
MW-66	d	Iodomethane	74-88-4	ug/L	10/4/2016	10	n/a	ND	
MW-66	d	4-Methyl-2-pentanone	108-10-1	ug/L	10/4/2016	10	n/a	ND	
MW-66	d	4-Methyl-2-pentanone	108-10-1	ug/L	10/4/2016	10	n/a	ND	
MW-66	d	Methylene Chloride	75-09-2	ug/L	10/4/2016	5	n/a	ND	
MW-66	d	Methylene Chloride	75-09-2	ug/L	10/4/2016	5	n/a	ND	
MW-66	d	Styrene	100-42-5	ug/L	10/4/2016	1	n/a	ND	
MW-66	d	Styrene	100-42-5	ug/L	10/4/2016	1	n/a	ND	
MW-66	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	10/4/2016	1	n/a	ND	
MW-66	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	10/4/2016	1	n/a	ND	
MW-66	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	10/4/2016	1	n/a	ND	
MW-66	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	10/4/2016	1	n/a	ND	
MW-66	d	Tetrachloroethene	127-18-4	ug/L	10/4/2016	1	n/a	ND	
MW-66	d	Tetrachloroethene	127-18-4	ug/L	10/4/2016	1	n/a	ND	
MW-66	d	Toluene	108-88-3	ug/L	10/4/2016	1	n/a	ND	
MW-66	d	Toluene	108-88-3	ug/L	10/4/2016	1	n/a	ND	
MW-66	d	1,1,1-Trichloroethane	71-55-6	ug/L	10/4/2016	1	n/a	ND	
MW-66	d	1,1,1-Trichloroethane	71-55-6	ug/L	10/4/2016	1	n/a	ND	
MW-66	d	1,1,2-Trichloroethane	79-00-5	ug/L	10/4/2016	1	n/a	ND	
MW-66	d	1,1,2-Trichloroethane	79-00-5	ug/L	10/4/2016	1	n/a	ND	
MW-66	d	Trichloroethene	79-01-6	ug/L	10/4/2016	1	n/a	ND	
MW-66	d	Trichloroethene	79-01-6	ug/L	10/4/2016	1	n/a	ND	
MW-66	d	Trichlorofluoromethane	75-69-4	ug/L	10/4/2016	4	n/a	ND	
MW-66	d	Trichlorofluoromethane	75-69-4	ug/L	10/4/2016	4	n/a	ND	
MW-66	d	1,2,3-Trichloropropane	96-18-4	ug/L	10/4/2016	1	n/a	ND	
MW-66	d	1,2,3-Trichloropropane	96-18-4	ug/L	10/4/2016	1	n/a	ND	
MW-66	d	Vinyl acetate	108-05-4	ug/L	10/4/2016	10	n/a	ND	
MW-66	d	Vinyl acetate	108-05-4	ug/L	10/4/2016	10	n/a	ND	
MW-66	d	Vinyl chloride	75-01-4	ug/L	10/4/2016	1	n/a	ND	
MW-66	d	Vinyl chloride	75-01-4	ug/L	10/4/2016	1	n/a	ND	
MW-66	d	Xylenes, total	1330-20-7	ug/L	10/4/2016	3	n/a	ND	
MW-66	d	Xylenes, total	1330-20-7	ug/L	10/4/2016	3	n/a	ND	
MW-66	d	Methylene Bromide	74-95-3	ug/L	10/4/2016	1	n/a	ND	
MW-66	d	Methylene Bromide	74-95-3	ug/L	10/4/2016	1	n/a	ND	

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Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-66	d	Total Suspended Solids	TSS	mg/L	10/4/2016	1.9	n/a	ND	
MW-66	d	Total Suspended Solids	TSS	mg/L	10/4/2016	1.9	n/a	ND	
MW-36	d	Boron	7440-42-8	mg/L	4/28/2017	n/a	n/a		0.331
MW-36	d	Total Suspended Solids	TSS	mg/L	4/28/2017	n/a	n/a		57.6
MW-37	d	Antimony	7440-36-0	mg/L	4/28/2017	0.001	n/a	ND	
MW-37	d	Antimony	7440-36-0	mg/L	4/28/2017	0.001	n/a	ND	
MW-37	d	Arsenic	7440-38-2	mg/L	4/28/2017	n/a	n/a		0.00221
MW-37	d	Arsenic	7440-38-2	mg/L	4/28/2017	n/a	n/a		0.00225
MW-37	d	Barium	7440-39-3	mg/L	4/28/2017	n/a	n/a		0.452
MW-37	d	Barium	7440-39-3	mg/L	4/28/2017	n/a	n/a		0.488
MW-37	d	Beryllium	7440-41-7	mg/L	4/28/2017	0.001	n/a	ND	
MW-37	d	Beryllium	7440-41-7	mg/L	4/28/2017	0.001	n/a	ND	
MW-37	d	Cadmium	7440-43-9	mg/L	4/28/2017	n/a	n/a	J	0.000091
MW-37	d	Cadmium	7440-43-9	mg/L	4/28/2017	n/a	n/a	J	0.000094
MW-37	d	Chromium	7440-47-3	mg/L	4/28/2017	0.005	n/a	ND	
MW-37	d	Chromium	7440-47-3	mg/L	4/28/2017	0.005	n/a	ND	
MW-37	d	Cobalt	7440-48-4	mg/L	4/28/2017	n/a	n/a		0.00173
MW-37	d	Cobalt	7440-48-4	mg/L	4/28/2017	n/a	n/a		0.00175
MW-37	d	Copper	7440-50-8	mg/L	4/28/2017	0.005	n/a	ND	
MW-37	d	Copper	7440-50-8	mg/L	4/28/2017	0.005	n/a	ND	
MW-37	d	Lead	7439-92-1	mg/L	4/28/2017	n/a	n/a		0.00104
MW-37	d	Lead	7439-92-1	mg/L	4/28/2017	n/a	n/a		0.00104
MW-37	d	Nickel	7440-02-0	mg/L	4/28/2017	n/a	n/a	J	0.00492
MW-37	d	Nickel	7440-02-0	mg/L	4/28/2017	n/a	n/a		0.00506
MW-37	d	Selenium	7782-49-2	mg/L	4/28/2017	0.005	n/a	ND	
MW-37	d	Selenium	7782-49-2	mg/L	4/28/2017	0.005	n/a	ND	
MW-37	d	Silver	7440-22-4	mg/L	4/28/2017	0.001	n/a	ND	
MW-37	d	Silver	7440-22-4	mg/L	4/28/2017	0.001	n/a	ND	
MW-37	d	Thallium	7440-28-0	mg/L	4/28/2017	0.001	n/a	ND	
MW-37	d	Thallium	7440-28-0	mg/L	4/28/2017	0.001	n/a	ND	
MW-37	d	Vanadium	7440-62-2	mg/L	4/28/2017	n/a	n/a	J	0.00137
MW-37	d	Vanadium	7440-62-2	mg/L	4/28/2017	n/a	n/a	J	0.00139
MW-37	d	Zinc	7440-66-6	mg/L	4/28/2017	0.02	n/a	ND	
MW-37	d	Zinc	7440-66-6	mg/L	4/28/2017	0.02	n/a	ND	
MW-37	d	Acetone	67-64-1	ug/L	4/28/2017	10	n/a	ND	
MW-37	d	Acetone	67-64-1	ug/L	4/28/2017	10	n/a	ND	
MW-37	d	Acrylonitrile	107-13-1	ug/L	4/28/2017	10	n/a	ND	
MW-37	d	Acrylonitrile	107-13-1	ug/L	4/28/2017	10	n/a	ND	
MW-37	d	Benzene	71-43-2	ug/L	4/28/2017	0.5	n/a	ND	
MW-37	d	Benzene	71-43-2	ug/L	4/28/2017	0.5	n/a	ND	
MW-37	d	Bromochloromethane	74-97-5	ug/L	4/28/2017	5	n/a	ND	
MW-37	d	Bromochloromethane	74-97-5	ug/L	4/28/2017	5	n/a	ND	
MW-37	d	Bromodichloromethane	75-27-4	ug/L	4/28/2017	1	n/a	ND	
MW-37	d	Bromodichloromethane	75-27-4	ug/L	4/28/2017	1	n/a	ND	
MW-37	d	Bromoform	75-25-2	ug/L	4/28/2017	5	n/a	ND	
MW-37	d	Bromoform	75-25-2	ug/L	4/28/2017	5	n/a	ND	
MW-37	d	Carbon disulfide	75-15-0	ug/L	4/28/2017	n/a	n/a		0.566
MW-37	d	Carbon disulfide	75-15-0	ug/L	4/28/2017	n/a	n/a		0.871
MW-37	d	Carbon Tetrachloride	56-23-5	ug/L	4/28/2017	2	n/a	ND	
MW-37	d	Carbon Tetrachloride	56-23-5	ug/L	4/28/2017	2	n/a	ND	
MW-37	d	Chlorobenzene	108-90-7	ug/L	4/28/2017	1	n/a	ND	
MW-37	d	Chlorobenzene	108-90-7	ug/L	4/28/2017	1	n/a	ND	
MW-37	d	Chloroethane	75-00-3	ug/L	4/28/2017	4	n/a	ND	
MW-37	d	Chloroethane	75-00-3	ug/L	4/28/2017	4	n/a	ND	
MW-37	d	Chloroform	67-66-3	ug/L	4/28/2017	1	n/a	ND	
MW-37	d	Chloroform	67-66-3	ug/L	4/28/2017	1	n/a	ND	
MW-37	d	Chlorodibromomethane	124-48-1	ug/L	4/28/2017	5	n/a	ND	
MW-37	d	Chlorodibromomethane	124-48-1	ug/L	4/28/2017	5	n/a	ND	
MW-37	d	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	4/28/2017	0.5	n/a	ND	
MW-37	d	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	4/28/2017	0.5	n/a	ND	
MW-37	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	4/28/2017	0.13	n/a	ND	
MW-37	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	4/28/2017	0.13	n/a	ND	
MW-37	d	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	4/28/2017	10	n/a	ND	
MW-37	d	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	4/28/2017	10	n/a	ND	

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Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-37	d	1,1-Dichloroethane	75-34-3	ug/L	4/28/2017	1	n/a	ND	
MW-37	d	1,1-Dichloroethane	75-34-3	ug/L	4/28/2017	1	n/a	ND	
MW-37	d	1,2-Dichloroethane	107-06-2	ug/L	4/28/2017	1	n/a	ND	
MW-37	d	1,2-Dichloroethane	107-06-2	ug/L	4/28/2017	1	n/a	ND	
MW-37	d	1,1-Dichloroethene	75-35-4	ug/L	4/28/2017	2	n/a	ND	
MW-37	d	1,1-Dichloroethene	75-35-4	ug/L	4/28/2017	2	n/a	ND	
MW-37	d	cis-1,2-Dichloroethene	156-59-2	ug/L	4/28/2017	1	n/a	ND	
MW-37	d	cis-1,2-Dichloroethene	156-59-2	ug/L	4/28/2017	1	n/a	ND	
MW-37	d	trans-1,2-Dichloroethene	156-60-5	ug/L	4/28/2017	1	n/a	ND	
MW-37	d	trans-1,2-Dichloroethene	156-60-5	ug/L	4/28/2017	1	n/a	ND	
MW-37	d	1,2-Dichloropropane	78-87-5	ug/L	4/28/2017	1	n/a	ND	
MW-37	d	1,2-Dichloropropane	78-87-5	ug/L	4/28/2017	1	n/a	ND	
MW-37	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	4/28/2017	5	n/a	ND	
MW-37	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	4/28/2017	5	n/a	ND	
MW-37	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	4/28/2017	5	n/a	ND	
MW-37	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	4/28/2017	5	n/a	ND	
MW-37	d	1,2-Dichlorobenzene	95-50-1	ug/L	4/28/2017	1	n/a	ND	
MW-37	d	1,2-Dichlorobenzene	95-50-1	ug/L	4/28/2017	1	n/a	ND	
MW-37	d	1,4-Dichlorobenzene	106-46-7	ug/L	4/28/2017	1	n/a	ND	
MW-37	d	1,4-Dichlorobenzene	106-46-7	ug/L	4/28/2017	1	n/a	ND	
MW-37	d	Ethylbenzene	100-41-4	ug/L	4/28/2017	1	n/a	ND	
MW-37	d	Ethylbenzene	100-41-4	ug/L	4/28/2017	1	n/a	ND	
MW-37	d	2-Hexanone	591-78-6	ug/L	4/28/2017	10	n/a	ND	
MW-37	d	2-Hexanone	591-78-6	ug/L	4/28/2017	10	n/a	ND	
MW-37	d	Bromomethane	74-83-9	ug/L	4/28/2017	n/a	n/a	J	0.494
MW-37	d	Bromomethane	74-83-9	ug/L	4/28/2017	n/a	n/a	J	0.534
MW-37	d	Chloromethane	74-87-3	ug/L	4/28/2017	n/a	n/a	J	1.34
MW-37	d	Chloromethane	74-87-3	ug/L	4/28/2017	n/a	n/a	J	0.981
MW-37	d	2-Butanone	78-93-3	ug/L	4/28/2017	10	n/a	ND	
MW-37	d	2-Butanone	78-93-3	ug/L	4/28/2017	10	n/a	ND	
MW-37	d	Iodomethane	74-88-4	ug/L	4/28/2017	10	n/a	ND	
MW-37	d	Iodomethane	74-88-4	ug/L	4/28/2017	10	n/a	ND	
MW-37	d	4-Methyl-2-pentanone	108-10-1	ug/L	4/28/2017	10	n/a	ND	
MW-37	d	4-Methyl-2-pentanone	108-10-1	ug/L	4/28/2017	10	n/a	ND	
MW-37	d	Methylene Chloride	75-09-2	ug/L	4/28/2017	n/a	n/a	J	0.506
MW-37	d	Methylene Chloride	75-09-2	ug/L	4/28/2017	n/a	n/a	J	0.526
MW-37	d	Styrene	100-42-5	ug/L	4/28/2017	1	n/a	ND	
MW-37	d	Styrene	100-42-5	ug/L	4/28/2017	1	n/a	ND	
MW-37	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	4/28/2017	1	n/a	ND	
MW-37	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	4/28/2017	1	n/a	ND	
MW-37	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	4/28/2017	1	n/a	ND	
MW-37	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	4/28/2017	1	n/a	ND	
MW-37	d	Tetrachloroethene	127-18-4	ug/L	4/28/2017	1	n/a	ND	
MW-37	d	Tetrachloroethene	127-18-4	ug/L	4/28/2017	1	n/a	ND	
MW-37	d	Toluene	108-88-3	ug/L	4/28/2017	1	n/a	ND	
MW-37	d	Toluene	108-88-3	ug/L	4/28/2017	1	n/a	ND	
MW-37	d	1,1,1-Trichloroethane	71-55-6	ug/L	4/28/2017	1	n/a	ND	
MW-37	d	1,1,1-Trichloroethane	71-55-6	ug/L	4/28/2017	1	n/a	ND	
MW-37	d	1,1,2-Trichloroethane	79-00-5	ug/L	4/28/2017	1	n/a	ND	
MW-37	d	1,1,2-Trichloroethane	79-00-5	ug/L	4/28/2017	1	n/a	ND	
MW-37	d	Trichloroethene	79-01-6	ug/L	4/28/2017	1	n/a	ND	
MW-37	d	Trichloroethene	79-01-6	ug/L	4/28/2017	1	n/a	ND	
MW-37	d	Trichlorofluoromethane	75-69-4	ug/L	4/28/2017	4	n/a	ND	
MW-37	d	Trichlorofluoromethane	75-69-4	ug/L	4/28/2017	4	n/a	ND	
MW-37	d	1,2,3-Trichloropropane	96-18-4	ug/L	4/28/2017	1	n/a	ND	
MW-37	d	1,2,3-Trichloropropane	96-18-4	ug/L	4/28/2017	1	n/a	ND	
MW-37	d	Vinyl acetate	108-05-4	ug/L	4/28/2017	10	n/a	ND	
MW-37	d	Vinyl acetate	108-05-4	ug/L	4/28/2017	10	n/a	ND	
MW-37	d	Vinyl chloride	75-01-4	ug/L	4/28/2017	1	n/a	ND	
MW-37	d	Vinyl chloride	75-01-4	ug/L	4/28/2017	1	n/a	ND	
MW-37	d	Xylenes, total	1330-20-7	ug/L	4/28/2017	3	n/a	ND	
MW-37	d	Xylenes, total	1330-20-7	ug/L	4/28/2017	3	n/a	ND	
MW-37	d	Methylene Bromide	74-95-3	ug/L	4/28/2017	1	n/a	ND	
MW-37	d	Methylene Bromide	74-95-3	ug/L	4/28/2017	1	n/a	ND	

Table 9B
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Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-37	d	Total Suspended Solids	TSS	mg/L	4/28/2017	n/a	n/a		26.8
MW-37	d	Total Suspended Solids	TSS	mg/L	4/28/2017	n/a	n/a		21.8
MW-66	d	Antimony	7440-36-0	mg/L	4/28/2017	0.001	n/a	ND	
MW-66	d	Arsenic	7440-38-2	mg/L	4/28/2017	0.002	n/a	ND	
MW-66	d	Barium	7440-39-3	mg/L	4/28/2017	n/a	n/a		0.219
MW-66	d	Beryllium	7440-41-7	mg/L	4/28/2017	0.001	n/a	ND	
MW-66	d	Cadmium	7440-43-9	mg/L	4/28/2017	0.0005	n/a	ND	
MW-66	d	Chromium	7440-47-3	mg/L	4/28/2017	0.005	n/a	ND	
MW-66	d	Cobalt	7440-48-4	mg/L	4/28/2017	0.0005	n/a	ND	
MW-66	d	Copper	7440-50-8	mg/L	4/28/2017	0.005	n/a	ND	
MW-66	d	Lead	7439-92-1	mg/L	4/28/2017	0.0005	n/a	ND	
MW-66	d	Nickel	7440-02-0	mg/L	4/28/2017	0.005	n/a	ND	
MW-66	d	Selenium	7782-49-2	mg/L	4/28/2017	0.005	n/a	ND	
MW-66	d	Silver	7440-22-4	mg/L	4/28/2017	n/a	n/a	J	0.000147
MW-66	d	Thallium	7440-28-0	mg/L	4/28/2017	0.001	n/a	ND	
MW-66	d	Vanadium	7440-62-2	mg/L	4/28/2017	0.005	n/a	ND	
MW-66	d	Zinc	7440-66-6	mg/L	4/28/2017	0.02	n/a	ND	
MW-66	d	Acetone	67-64-1	ug/L	4/28/2017	10	n/a	ND	
MW-66	d	Acrylonitrile	107-13-1	ug/L	4/28/2017	10	n/a	ND	
MW-66	d	Benzene	71-43-2	ug/L	4/28/2017	0.5	n/a	ND	
MW-66	d	Bromochloromethane	74-97-5	ug/L	4/28/2017	5	n/a	ND	
MW-66	d	Bromodichloromethane	75-27-4	ug/L	4/28/2017	1	n/a	ND	
MW-66	d	Bromoform	75-25-2	ug/L	4/28/2017	5	n/a	ND	
MW-66	d	Carbon disulfide	75-15-0	ug/L	4/28/2017	1	n/a	ND	
MW-66	d	Carbon Tetrachloride	56-23-5	ug/L	4/28/2017	2	n/a	ND	
MW-66	d	Chlorobenzene	108-90-7	ug/L	4/28/2017	1	n/a	ND	
MW-66	d	Chloroethane	75-00-3	ug/L	4/28/2017	4	n/a	ND	
MW-66	d	Chloroform	67-66-3	ug/L	4/28/2017	1	n/a	ND	
MW-66	d	Chlorodibromomethane	124-48-1	ug/L	4/28/2017	5	n/a	ND	
MW-66	d	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	4/28/2017	0.5	n/a	ND	
MW-66	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	4/28/2017	0.13	n/a	ND	
MW-66	d	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	4/28/2017	10	n/a	ND	
MW-66	d	1,1-Dichloroethane	75-34-3	ug/L	4/28/2017	1	n/a	ND	
MW-66	d	1,2-Dichloroethane	107-06-2	ug/L	4/28/2017	1	n/a	ND	
MW-66	d	1,1-Dichloroethene	75-35-4	ug/L	4/28/2017	2	n/a	ND	
MW-66	d	cis-1,2-Dichloroethene	156-59-2	ug/L	4/28/2017	1	n/a	ND	
MW-66	d	trans-1,2-Dichloroethene	156-60-5	ug/L	4/28/2017	1	n/a	ND	
MW-66	d	1,2-Dichloropropane	78-87-5	ug/L	4/28/2017	1	n/a	ND	
MW-66	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	4/28/2017	5	n/a	ND	
MW-66	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	4/28/2017	5	n/a	ND	
MW-66	d	1,2-Dichlorobenzene	95-50-1	ug/L	4/28/2017	1	n/a	ND	
MW-66	d	1,4-Dichlorobenzene	106-46-7	ug/L	4/28/2017	1	n/a	ND	
MW-66	d	Ethylbenzene	100-41-4	ug/L	4/28/2017	1	n/a	ND	
MW-66	d	2-Hexanone	591-78-6	ug/L	4/28/2017	10	n/a	ND	
MW-66	d	Bromomethane	74-83-9	ug/L	4/28/2017	n/a	n/a	J	0.5
MW-66	d	Chloromethane	74-87-3	ug/L	4/28/2017	n/a	n/a	J	0.393
MW-66	d	2-Butanone	78-93-3	ug/L	4/28/2017	10	n/a	ND	
MW-66	d	Iodomethane	74-88-4	ug/L	4/28/2017	10	n/a	ND	
MW-66	d	4-Methyl-2-pentanone	108-10-1	ug/L	4/28/2017	10	n/a	ND	
MW-66	d	Methylene Chloride	75-09-2	ug/L	4/28/2017	n/a	n/a	J	0.599
MW-66	d	Styrene	100-42-5	ug/L	4/28/2017	1	n/a	ND	
MW-66	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	4/28/2017	1	n/a	ND	
MW-66	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	4/28/2017	1	n/a	ND	
MW-66	d	Tetrachloroethene	127-18-4	ug/L	4/28/2017	1	n/a	ND	
MW-66	d	Toluene	108-88-3	ug/L	4/28/2017	1	n/a	ND	
MW-66	d	1,1,1-Trichloroethane	71-55-6	ug/L	4/28/2017	1	n/a	ND	
MW-66	d	1,1,2-Trichloroethane	79-00-5	ug/L	4/28/2017	1	n/a	ND	
MW-66	d	Trichloroethene	79-01-6	ug/L	4/28/2017	1	n/a	ND	
MW-66	d	Trichlorofluoromethane	75-69-4	ug/L	4/28/2017	4	n/a	ND	
MW-66	d	1,2,3-Trichloropropane	96-18-4	ug/L	4/28/2017	1	n/a	ND	
MW-66	d	Vinyl acetate	108-05-4	ug/L	4/28/2017	10	n/a	ND	
MW-66	d	Vinyl chloride	75-01-4	ug/L	4/28/2017	1	n/a	ND	
MW-66	d	Xylenes, total	1330-20-7	ug/L	4/28/2017	3	n/a	ND	
MW-66	d	Methylene Bromide	74-95-3	ug/L	4/28/2017	1	n/a	ND	

Table 9B
Analytical Data Summary - Former CWTS
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Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-66	d	Total Suspended Solids	TSS	mg/L	4/28/2017	n/a	n/a		2
MW-35R2	u	Antimony	7440-36-0	mg/L	5/23/2017	0.001	n/a	ND	
MW-35R2	u	Arsenic	7440-38-2	mg/L	5/23/2017	0.002	n/a	ND	
MW-35R2	u	Barium	7440-39-3	mg/L	5/23/2017	n/a	n/a		0.189
MW-35R2	u	Beryllium	7440-41-7	mg/L	5/23/2017	0.001	n/a	ND	
MW-35R2	u	Cadmium	7440-43-9	mg/L	5/23/2017	0.0005	n/a	ND	
MW-35R2	u	Chromium	7440-47-3	mg/L	5/23/2017	0.005	n/a	ND	
MW-35R2	u	Cobalt	7440-48-4	mg/L	5/23/2017	n/a	n/a		0.00179
MW-35R2	u	Copper	7440-50-8	mg/L	5/23/2017	0.005	n/a	ND	
MW-35R2	u	Lead	7439-92-1	mg/L	5/23/2017	n/a	n/a		0.00209
MW-35R2	u	Nickel	7440-02-0	mg/L	5/23/2017	0.005	n/a	ND	
MW-35R2	u	Selenium	7782-49-2	mg/L	5/23/2017	0.005	n/a	ND	
MW-35R2	u	Silver	7440-22-4	mg/L	5/23/2017	0.001	n/a	ND	
MW-35R2	u	Thallium	7440-28-0	mg/L	5/23/2017	0.001	n/a	ND	
MW-35R2	u	Vanadium	7440-62-2	mg/L	5/23/2017	n/a	n/a		0.00515
MW-35R2	u	Zinc	7440-66-6	mg/L	5/23/2017	0.02	n/a	ND	
MW-35R2	u	Acetone	67-64-1	ug/L	5/23/2017	10	n/a	ND	
MW-35R2	u	Acrylonitrile	107-13-1	ug/L	5/23/2017	10	n/a	ND	
MW-35R2	u	Benzene	71-43-2	ug/L	5/23/2017	0.5	n/a	ND	
MW-35R2	u	Bromochloromethane	74-97-5	ug/L	5/23/2017	5	n/a	ND	
MW-35R2	u	Bromodichloromethane	75-27-4	ug/L	5/23/2017	1	n/a	ND	
MW-35R2	u	Bromoform	75-25-2	ug/L	5/23/2017	5	n/a	ND	
MW-35R2	u	Carbon disulfide	75-15-0	ug/L	5/23/2017	1	n/a	ND	
MW-35R2	u	Carbon Tetrachloride	56-23-5	ug/L	5/23/2017	2	n/a	ND	
MW-35R2	u	Chlorobenzene	108-90-7	ug/L	5/23/2017	1	n/a	ND	
MW-35R2	u	Chloroethane	75-00-3	ug/L	5/23/2017	4	n/a	ND	
MW-35R2	u	Chloroform	67-66-3	ug/L	5/23/2017	1	n/a	ND	
MW-35R2	u	Chlorodibromomethane	124-48-1	ug/L	5/23/2017	5	n/a	ND	
MW-35R2	u	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	5/23/2017	0.5	n/a	ND	
MW-35R2	u	1,2-Dibromoethane [EDB]	106-93-4	ug/L	5/23/2017	0.13	n/a	ND	
MW-35R2	u	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	5/23/2017	10	n/a	ND	
MW-35R2	u	1,1-Dichloroethane	75-34-3	ug/L	5/23/2017	1	n/a	ND	
MW-35R2	u	1,2-Dichloroethane	107-06-2	ug/L	5/23/2017	1	n/a	ND	
MW-35R2	u	1,1-Dichloroethene	75-35-4	ug/L	5/23/2017	2	n/a	ND	
MW-35R2	u	cis-1,2-Dichloroethene	156-59-2	ug/L	5/23/2017	1	n/a	ND	
MW-35R2	u	trans-1,2-Dichloroethene	156-60-5	ug/L	5/23/2017	1	n/a	ND	
MW-35R2	u	1,2-Dichloropropane	78-87-5	ug/L	5/23/2017	1	n/a	ND	
MW-35R2	u	cis-1,3-Dichloropropene	10061-01-5	ug/L	5/23/2017	5	n/a	ND	
MW-35R2	u	trans-1,3-Dichloropropene	10061-02-6	ug/L	5/23/2017	5	n/a	ND	
MW-35R2	u	1,2-Dichlorobenzene	95-50-1	ug/L	5/23/2017	1	n/a	ND	
MW-35R2	u	1,4-Dichlorobenzene	106-46-7	ug/L	5/23/2017	1	n/a	ND	
MW-35R2	u	Ethylbenzene	100-41-4	ug/L	5/23/2017	1	n/a	ND	
MW-35R2	u	2-Hexanone	591-78-6	ug/L	5/23/2017	10	n/a	ND	
MW-35R2	u	Bromomethane	74-83-9	ug/L	5/23/2017	4	n/a	ND	
MW-35R2	u	Chloromethane	74-87-3	ug/L	5/23/2017	3	n/a	ND	
MW-35R2	u	2-Butanone	78-93-3	ug/L	5/23/2017	10	n/a	ND	
MW-35R2	u	Iodomethane	74-88-4	ug/L	5/23/2017	10	n/a	ND	
MW-35R2	u	4-Methyl-2-pentanone	108-10-1	ug/L	5/23/2017	10	n/a	ND	
MW-35R2	u	Methylene Chloride	75-09-2	ug/L	5/23/2017	5	n/a	ND	
MW-35R2	u	Styrene	100-42-5	ug/L	5/23/2017	1	n/a	ND	
MW-35R2	u	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	5/23/2017	1	n/a	ND	
MW-35R2	u	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	5/23/2017	1	n/a	ND	
MW-35R2	u	Tetrachloroethene	127-18-4	ug/L	5/23/2017	1	n/a	ND	
MW-35R2	u	Toluene	108-88-3	ug/L	5/23/2017	1	n/a	ND	
MW-35R2	u	1,1,1-Trichloroethane	71-55-6	ug/L	5/23/2017	1	n/a	ND	
MW-35R2	u	1,1,2-Trichloroethane	79-00-5	ug/L	5/23/2017	1	n/a	ND	
MW-35R2	u	Trichloroethene	79-01-6	ug/L	5/23/2017	1	n/a	ND	
MW-35R2	u	Trichlorofluoromethane	75-69-4	ug/L	5/23/2017	4	n/a	ND	
MW-35R2	u	1,2,3-Trichloropropane	96-18-4	ug/L	5/23/2017	1	n/a	ND	
MW-35R2	u	Vinyl acetate	108-05-4	ug/L	5/23/2017	10	n/a	ND	
MW-35R2	u	Vinyl chloride	75-01-4	ug/L	5/23/2017	1	n/a	ND	
MW-35R2	u	Xylenes, total	1330-20-7	ug/L	5/23/2017	3	n/a	ND	
MW-35R2	u	Methylene Bromide	74-95-3	ug/L	5/23/2017	1	n/a	ND	
MW-35R2	u	Total Suspended Solids	TSS	mg/L	5/23/2017	n/a	n/a		197

Table 9B
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Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-49R	u	Antimony	7440-36-0	mg/L	5/23/2017	0.001	n/a	ND	
MW-49R	u	Arsenic	7440-38-2	mg/L	5/23/2017	0.002	n/a	ND	
MW-49R	u	Barium	7440-39-3	mg/L	5/23/2017	n/a	n/a		0.125
MW-49R	u	Beryllium	7440-41-7	mg/L	5/23/2017	0.001	n/a	ND	
MW-49R	u	Cadmium	7440-43-9	mg/L	5/23/2017	0.0005	n/a	ND	
MW-49R	u	Chromium	7440-47-3	mg/L	5/23/2017	0.005	n/a	ND	
MW-49R	u	Cobalt	7440-48-4	mg/L	5/23/2017	n/a	n/a		0.00054
MW-49R	u	Copper	7440-50-8	mg/L	5/23/2017	0.005	n/a	ND	
MW-49R	u	Lead	7439-92-1	mg/L	5/23/2017	n/a	n/a		0.000674
MW-49R	u	Nickel	7440-02-0	mg/L	5/23/2017	0.005	n/a	ND	
MW-49R	u	Selenium	7782-49-2	mg/L	5/23/2017	0.005	n/a	ND	
MW-49R	u	Silver	7440-22-4	mg/L	5/23/2017	0.001	n/a	ND	
MW-49R	u	Thallium	7440-28-0	mg/L	5/23/2017	0.001	n/a	ND	
MW-49R	u	Vanadium	7440-62-2	mg/L	5/23/2017	0.005	n/a	ND	
MW-49R	u	Zinc	7440-66-6	mg/L	5/23/2017	0.02	n/a	ND	
MW-49R	u	Acetone	67-64-1	ug/L	5/23/2017	10	n/a	ND	
MW-49R	u	Acrylonitrile	107-13-1	ug/L	5/23/2017	10	n/a	ND	
MW-49R	u	Benzene	71-43-2	ug/L	5/23/2017	0.5	n/a	ND	
MW-49R	u	Bromochloromethane	74-97-5	ug/L	5/23/2017	5	n/a	ND	
MW-49R	u	Bromodichloromethane	75-27-4	ug/L	5/23/2017	1	n/a	ND	
MW-49R	u	Bromoform	75-25-2	ug/L	5/23/2017	5	n/a	ND	
MW-49R	u	Carbon disulfide	75-15-0	ug/L	5/23/2017	1	n/a	ND	
MW-49R	u	Carbon Tetrachloride	56-23-5	ug/L	5/23/2017	2	n/a	ND	
MW-49R	u	Chlorobenzene	108-90-7	ug/L	5/23/2017	1	n/a	ND	
MW-49R	u	Chloroethane	75-00-3	ug/L	5/23/2017	4	n/a	ND	
MW-49R	u	Chloroform	67-66-3	ug/L	5/23/2017	1	n/a	ND	
MW-49R	u	Chlorodibromomethane	124-48-1	ug/L	5/23/2017	5	n/a	ND	
MW-49R	u	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	5/23/2017	0.5	n/a	ND	
MW-49R	u	1,2-Dibromoethane [EDB]	106-93-4	ug/L	5/23/2017	0.13	n/a	ND	
MW-49R	u	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	5/23/2017	10	n/a	ND	
MW-49R	u	1,1-Dichloroethane	75-34-3	ug/L	5/23/2017	1	n/a	ND	
MW-49R	u	1,2-Dichloroethane	107-06-2	ug/L	5/23/2017	1	n/a	ND	
MW-49R	u	1,1-Dichloroethene	75-35-4	ug/L	5/23/2017	2	n/a	ND	
MW-49R	u	cis-1,2-Dichloroethene	156-59-2	ug/L	5/23/2017	1	n/a	ND	
MW-49R	u	trans-1,2-Dichloroethene	156-60-5	ug/L	5/23/2017	1	n/a	ND	
MW-49R	u	1,2-Dichloropropane	78-87-5	ug/L	5/23/2017	1	n/a	ND	
MW-49R	u	cis-1,3-Dichloropropene	10061-01-5	ug/L	5/23/2017	5	n/a	ND	
MW-49R	u	trans-1,3-Dichloropropene	10061-02-6	ug/L	5/23/2017	5	n/a	ND	
MW-49R	u	1,2-Dichlorobenzene	95-50-1	ug/L	5/23/2017	1	n/a	ND	
MW-49R	u	1,4-Dichlorobenzene	106-46-7	ug/L	5/23/2017	1	n/a	ND	
MW-49R	u	Ethylbenzene	100-41-4	ug/L	5/23/2017	1	n/a	ND	
MW-49R	u	2-Hexanone	591-78-6	ug/L	5/23/2017	10	n/a	ND	
MW-49R	u	Bromomethane	74-83-9	ug/L	5/23/2017	4	n/a	ND	
MW-49R	u	Chloromethane	74-87-3	ug/L	5/23/2017	3	n/a	ND	
MW-49R	u	2-Butanone	78-93-3	ug/L	5/23/2017	10	n/a	ND	
MW-49R	u	Iodomethane	74-88-4	ug/L	5/23/2017	10	n/a	ND	
MW-49R	u	4-Methyl-2-pentanone	108-10-1	ug/L	5/23/2017	10	n/a	ND	
MW-49R	u	Methylene Chloride	75-09-2	ug/L	5/23/2017	5	n/a	ND	
MW-49R	u	Styrene	100-42-5	ug/L	5/23/2017	1	n/a	ND	
MW-49R	u	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	5/23/2017	1	n/a	ND	
MW-49R	u	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	5/23/2017	1	n/a	ND	
MW-49R	u	Tetrachloroethene	127-18-4	ug/L	5/23/2017	1	n/a	ND	
MW-49R	u	Toluene	108-88-3	ug/L	5/23/2017	1	n/a	ND	
MW-49R	u	1,1,1-Trichloroethane	71-55-6	ug/L	5/23/2017	1	n/a	ND	
MW-49R	u	1,1,2-Trichloroethane	79-00-5	ug/L	5/23/2017	1	n/a	ND	
MW-49R	u	Trichloroethene	79-01-6	ug/L	5/23/2017	1	n/a	ND	
MW-49R	u	Trichlorofluoromethane	75-69-4	ug/L	5/23/2017	4	n/a	ND	
MW-49R	u	1,2,3-Trichloropropane	96-18-4	ug/L	5/23/2017	1	n/a	ND	
MW-49R	u	Vinyl acetate	108-05-4	ug/L	5/23/2017	10	n/a	ND	
MW-49R	u	Vinyl chloride	75-01-4	ug/L	5/23/2017	1	n/a	ND	
MW-49R	u	Xylenes, total	1330-20-7	ug/L	5/23/2017	3	n/a	ND	
MW-49R	u	Methylene Bromide	74-95-3	ug/L	5/23/2017	1	n/a	ND	
MW-49R	u	Total Suspended Solids	TSS	mg/L	5/23/2017	n/a	n/a		46.4
MW-35R2	u	Antimony	7440-36-0	mg/L	10/17/2017	0.001	n/a	ND	

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Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-35R2	u	Arsenic	7440-38-2	mg/L	10/17/2017	0.002	n/a	ND	
MW-35R2	u	Barium	7440-39-3	mg/L	10/17/2017	n/a	n/a		0.189
MW-35R2	u	Beryllium	7440-41-7	mg/L	10/17/2017	0.001	n/a	ND	
MW-35R2	u	Cadmium	7440-43-9	mg/L	10/17/2017	0.0005	n/a	ND	
MW-35R2	u	Chromium	7440-47-3	mg/L	10/17/2017	0.005	n/a	ND	
MW-35R2	u	Cobalt	7440-48-4	mg/L	10/17/2017	n/a	n/a		0.00109
MW-35R2	u	Copper	7440-50-8	mg/L	10/17/2017	0.005	n/a	ND	
MW-35R2	u	Lead	7439-92-1	mg/L	10/17/2017	n/a	n/a		0.00133
MW-35R2	u	Nickel	7440-02-0	mg/L	10/17/2017	0.005	n/a	ND	
MW-35R2	u	Selenium	7782-49-2	mg/L	10/17/2017	0.005	n/a	ND	
MW-35R2	u	Silver	7440-22-4	mg/L	10/17/2017	0.001	n/a	ND	
MW-35R2	u	Thallium	7440-28-0	mg/L	10/17/2017	0.001	n/a	ND	
MW-35R2	u	Vanadium	7440-62-2	mg/L	10/17/2017	0.005	n/a	ND	
MW-35R2	u	Zinc	7440-66-6	mg/L	10/17/2017	0.02	n/a	ND	
MW-35R2	u	Acetone	67-64-1	ug/L	10/17/2017	10	n/a	ND	
MW-35R2	u	Acrylonitrile	107-13-1	ug/L	10/17/2017	10	n/a	ND	
MW-35R2	u	Benzene	71-43-2	ug/L	10/17/2017	0.5	n/a	ND	
MW-35R2	u	Bromochloromethane	74-97-5	ug/L	10/17/2017	5	n/a	ND	
MW-35R2	u	Bromodichloromethane	75-27-4	ug/L	10/17/2017	1	n/a	ND	
MW-35R2	u	Bromoform	75-25-2	ug/L	10/17/2017	5	n/a	ND	
MW-35R2	u	Carbon disulfide	75-15-0	ug/L	10/17/2017	1	n/a	ND	
MW-35R2	u	Carbon Tetrachloride	56-23-5	ug/L	10/17/2017	2	n/a	ND	
MW-35R2	u	Chlorobenzene	108-90-7	ug/L	10/17/2017	1	n/a	ND	
MW-35R2	u	Chloroethane	75-00-3	ug/L	10/17/2017	4	n/a	ND	
MW-35R2	u	Chloroform	67-66-3	ug/L	10/17/2017	1	n/a	ND	
MW-35R2	u	Chlorodibromomethane	124-48-1	ug/L	10/17/2017	5	n/a	ND	
MW-35R2	u	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	10/17/2017	0.5	n/a	ND	
MW-35R2	u	1,2-Dibromoethane [EDB]	106-93-4	ug/L	10/17/2017	0.13	n/a	ND	
MW-35R2	u	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	10/17/2017	10	n/a	ND	
MW-35R2	u	1,1-Dichloroethane	75-34-3	ug/L	10/17/2017	1	n/a	ND	
MW-35R2	u	1,2-Dichloroethane	107-06-2	ug/L	10/17/2017	1	n/a	ND	
MW-35R2	u	1,1-Dichloroethene	75-35-4	ug/L	10/17/2017	2	n/a	ND	
MW-35R2	u	cis-1,2-Dichloroethene	156-59-2	ug/L	10/17/2017	1	n/a	ND	
MW-35R2	u	trans-1,2-Dichloroethene	156-60-5	ug/L	10/17/2017	1	n/a	ND	
MW-35R2	u	1,2-Dichloropropane	78-87-5	ug/L	10/17/2017	1	n/a	ND	
MW-35R2	u	cis-1,3-Dichloropropene	10061-01-5	ug/L	10/17/2017	5	n/a	ND	
MW-35R2	u	trans-1,3-Dichloropropene	10061-02-6	ug/L	10/17/2017	5	n/a	ND	
MW-35R2	u	1,2-Dichlorobenzene	95-50-1	ug/L	10/17/2017	1	n/a	ND	
MW-35R2	u	1,4-Dichlorobenzene	106-46-7	ug/L	10/17/2017	1	n/a	ND	
MW-35R2	u	Ethylbenzene	100-41-4	ug/L	10/17/2017	1	n/a	ND	
MW-35R2	u	2-Hexanone	591-78-6	ug/L	10/17/2017	10	n/a	ND	
MW-35R2	u	Bromomethane	74-83-9	ug/L	10/17/2017	4	n/a	ND	
MW-35R2	u	Chloromethane	74-87-3	ug/L	10/17/2017	3	n/a	ND	
MW-35R2	u	2-Butanone	78-93-3	ug/L	10/17/2017	10	n/a	ND	
MW-35R2	u	Iodomethane	74-88-4	ug/L	10/17/2017	10	n/a	ND	
MW-35R2	u	4-Methyl-2-pentanone	108-10-1	ug/L	10/17/2017	10	n/a	ND	
MW-35R2	u	Methylene Chloride	75-09-2	ug/L	10/17/2017	5	n/a	ND	
MW-35R2	u	Styrene	100-42-5	ug/L	10/17/2017	1	n/a	ND	
MW-35R2	u	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	10/17/2017	1	n/a	ND	
MW-35R2	u	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	10/17/2017	1	n/a	ND	
MW-35R2	u	Tetrachloroethene	127-18-4	ug/L	10/17/2017	1	n/a	ND	
MW-35R2	u	Toluene	108-88-3	ug/L	10/17/2017	1	n/a	ND	
MW-35R2	u	1,1,1-Trichloroethane	71-55-6	ug/L	10/17/2017	1	n/a	ND	
MW-35R2	u	1,1,2-Trichloroethane	79-00-5	ug/L	10/17/2017	1	n/a	ND	
MW-35R2	u	Trichloroethene	79-01-6	ug/L	10/17/2017	1	n/a	ND	
MW-35R2	u	Trichlorofluoromethane	75-69-4	ug/L	10/17/2017	4	n/a	ND	
MW-35R2	u	1,2,3-Trichloropropane	96-18-4	ug/L	10/17/2017	1	n/a	ND	
MW-35R2	u	Vinyl acetate	108-05-4	ug/L	10/17/2017	10	n/a	ND	
MW-35R2	u	Vinyl chloride	75-01-4	ug/L	10/17/2017	1	n/a	ND	
MW-35R2	u	Xylenes, total	1330-20-7	ug/L	10/17/2017	3	n/a	ND	
MW-35R2	u	Methylene Bromide	74-95-3	ug/L	10/17/2017	1	n/a	ND	
MW-35R2	u	Total Suspended Solids	TSS	mg/L	10/17/2017	n/a	n/a		78.4
MW-36	d	Boron	7440-42-8	mg/L	10/17/2017	n/a	n/a		0.472
MW-36	d	Total Suspended Solids	TSS	mg/L	10/17/2017	n/a	n/a		11.9

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Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-37	d	Antimony	7440-36-0	mg/L	10/17/2017	0.001	n/a	ND	
MW-37	d	Antimony	7440-36-0	mg/L	10/17/2017	0.001	n/a	ND	
MW-37	d	Arsenic	7440-38-2	mg/L	10/17/2017	0.002	n/a	ND	
MW-37	d	Arsenic	7440-38-2	mg/L	10/17/2017	0.002	n/a	ND	
MW-37	d	Barium	7440-39-3	mg/L	10/17/2017	n/a	n/a		0.0207
MW-37	d	Barium	7440-39-3	mg/L	10/17/2017	n/a	n/a		0.0206
MW-37	d	Beryllium	7440-41-7	mg/L	10/17/2017	0.001	n/a	ND	
MW-37	d	Beryllium	7440-41-7	mg/L	10/17/2017	0.001	n/a	ND	
MW-37	d	Cadmium	7440-43-9	mg/L	10/17/2017	0.0005	n/a	ND	
MW-37	d	Cadmium	7440-43-9	mg/L	10/17/2017	0.0005	n/a	ND	
MW-37	d	Chromium	7440-47-3	mg/L	10/17/2017	0.005	n/a	ND	
MW-37	d	Chromium	7440-47-3	mg/L	10/17/2017	0.005	n/a	ND	
MW-37	d	Cobalt	7440-48-4	mg/L	10/17/2017	0.0005	n/a	ND	
MW-37	d	Cobalt	7440-48-4	mg/L	10/17/2017	0.0005	n/a	ND	
MW-37	d	Copper	7440-50-8	mg/L	10/17/2017	0.005	n/a	ND	
MW-37	d	Copper	7440-50-8	mg/L	10/17/2017	0.005	n/a	ND	
MW-37	d	Lead	7439-92-1	mg/L	10/17/2017	n/a	n/a		0.000812
MW-37	d	Lead	7439-92-1	mg/L	10/17/2017	n/a	n/a		0.000644
MW-37	d	Nickel	7440-02-0	mg/L	10/17/2017	0.005	n/a	ND	
MW-37	d	Nickel	7440-02-0	mg/L	10/17/2017	0.005	n/a	ND	
MW-37	d	Selenium	7782-49-2	mg/L	10/17/2017	0.005	n/a	ND	
MW-37	d	Selenium	7782-49-2	mg/L	10/17/2017	0.005	n/a	ND	
MW-37	d	Silver	7440-22-4	mg/L	10/17/2017	0.001	n/a	ND	
MW-37	d	Silver	7440-22-4	mg/L	10/17/2017	0.001	n/a	ND	
MW-37	d	Thallium	7440-28-0	mg/L	10/17/2017	0.001	n/a	ND	
MW-37	d	Thallium	7440-28-0	mg/L	10/17/2017	0.001	n/a	ND	
MW-37	d	Vanadium	7440-62-2	mg/L	10/17/2017	0.005	n/a	ND	
MW-37	d	Vanadium	7440-62-2	mg/L	10/17/2017	0.005	n/a	ND	
MW-37	d	Zinc	7440-66-6	mg/L	10/17/2017	0.02	n/a	ND	
MW-37	d	Zinc	7440-66-6	mg/L	10/17/2017	0.02	n/a	ND	
MW-37	d	Acetone	67-64-1	ug/L	10/17/2017	10	n/a	ND	
MW-37	d	Acetone	67-64-1	ug/L	10/17/2017	10	n/a	ND	
MW-37	d	Acrylonitrile	107-13-1	ug/L	10/17/2017	10	n/a	ND	
MW-37	d	Acrylonitrile	107-13-1	ug/L	10/17/2017	10	n/a	ND	
MW-37	d	Benzene	71-43-2	ug/L	10/17/2017	0.5	n/a	ND	
MW-37	d	Benzene	71-43-2	ug/L	10/17/2017	0.5	n/a	ND	
MW-37	d	Bromochloromethane	74-97-5	ug/L	10/17/2017	5	n/a	ND	
MW-37	d	Bromochloromethane	74-97-5	ug/L	10/17/2017	5	n/a	ND	
MW-37	d	Bromodichloromethane	75-27-4	ug/L	10/17/2017	1	n/a	ND	
MW-37	d	Bromodichloromethane	75-27-4	ug/L	10/17/2017	1	n/a	ND	
MW-37	d	Bromoform	75-25-2	ug/L	10/17/2017	5	n/a	ND	
MW-37	d	Bromoform	75-25-2	ug/L	10/17/2017	5	n/a	ND	
MW-37	d	Carbon disulfide	75-15-0	ug/L	10/17/2017	1	n/a	ND	
MW-37	d	Carbon disulfide	75-15-0	ug/L	10/17/2017	1	n/a	ND	
MW-37	d	Carbon Tetrachloride	56-23-5	ug/L	10/17/2017	2	n/a	ND	
MW-37	d	Carbon Tetrachloride	56-23-5	ug/L	10/17/2017	2	n/a	ND	
MW-37	d	Chlorobenzene	108-90-7	ug/L	10/17/2017	1	n/a	ND	
MW-37	d	Chlorobenzene	108-90-7	ug/L	10/17/2017	1	n/a	ND	
MW-37	d	Chloroethane	75-00-3	ug/L	10/17/2017	4	n/a	ND	
MW-37	d	Chloroethane	75-00-3	ug/L	10/17/2017	4	n/a	ND	
MW-37	d	Chloroform	67-66-3	ug/L	10/17/2017	1	n/a	ND	
MW-37	d	Chloroform	67-66-3	ug/L	10/17/2017	1	n/a	ND	
MW-37	d	Chlorodibromomethane	124-48-1	ug/L	10/17/2017	5	n/a	ND	
MW-37	d	Chlorodibromomethane	124-48-1	ug/L	10/17/2017	5	n/a	ND	
MW-37	d	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	10/17/2017	0.5	n/a	ND	
MW-37	d	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	10/17/2017	0.5	n/a	ND	
MW-37	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	10/17/2017	0.13	n/a	ND	
MW-37	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	10/17/2017	0.13	n/a	ND	
MW-37	d	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	10/17/2017	10	n/a	ND	
MW-37	d	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	10/17/2017	10	n/a	ND	
MW-37	d	1,1-Dichloroethane	75-34-3	ug/L	10/17/2017	1	n/a	ND	
MW-37	d	1,1-Dichloroethane	75-34-3	ug/L	10/17/2017	1	n/a	ND	
MW-37	d	1,2-Dichloroethane	107-06-2	ug/L	10/17/2017	1	n/a	ND	
MW-37	d	1,2-Dichloroethane	107-06-2	ug/L	10/17/2017	1	n/a	ND	

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Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-37	d	1,1-Dichloroethene	75-35-4	ug/L	10/17/2017	2	n/a	ND	
MW-37	d	1,1-Dichloroethene	75-35-4	ug/L	10/17/2017	2	n/a	ND	
MW-37	d	cis-1,2-Dichloroethene	156-59-2	ug/L	10/17/2017	1	n/a	ND	
MW-37	d	cis-1,2-Dichloroethene	156-59-2	ug/L	10/17/2017	1	n/a	ND	
MW-37	d	trans-1,2-Dichloroethene	156-60-5	ug/L	10/17/2017	1	n/a	ND	
MW-37	d	trans-1,2-Dichloroethene	156-60-5	ug/L	10/17/2017	1	n/a	ND	
MW-37	d	1,2-Dichloropropane	78-87-5	ug/L	10/17/2017	1	n/a	ND	
MW-37	d	1,2-Dichloropropane	78-87-5	ug/L	10/17/2017	1	n/a	ND	
MW-37	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	10/17/2017	5	n/a	ND	
MW-37	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	10/17/2017	5	n/a	ND	
MW-37	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	10/17/2017	5	n/a	ND	
MW-37	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	10/17/2017	5	n/a	ND	
MW-37	d	1,2-Dichlorobenzene	95-50-1	ug/L	10/17/2017	1	n/a	ND	
MW-37	d	1,2-Dichlorobenzene	95-50-1	ug/L	10/17/2017	1	n/a	ND	
MW-37	d	1,4-Dichlorobenzene	106-46-7	ug/L	10/17/2017	1	n/a	ND	
MW-37	d	1,4-Dichlorobenzene	106-46-7	ug/L	10/17/2017	1	n/a	ND	
MW-37	d	Ethylbenzene	100-41-4	ug/L	10/17/2017	1	n/a	ND	
MW-37	d	Ethylbenzene	100-41-4	ug/L	10/17/2017	1	n/a	ND	
MW-37	d	2-Hexanone	591-78-6	ug/L	10/17/2017	10	n/a	ND	
MW-37	d	2-Hexanone	591-78-6	ug/L	10/17/2017	10	n/a	ND	
MW-37	d	Bromomethane	74-83-9	ug/L	10/17/2017	4	n/a	ND	
MW-37	d	Bromomethane	74-83-9	ug/L	10/17/2017	4	n/a	ND	
MW-37	d	Chloromethane	74-87-3	ug/L	10/17/2017	3	n/a	ND	
MW-37	d	Chloromethane	74-87-3	ug/L	10/17/2017	3	n/a	ND	
MW-37	d	2-Butanone	78-93-3	ug/L	10/17/2017	10	n/a	ND	
MW-37	d	2-Butanone	78-93-3	ug/L	10/17/2017	10	n/a	ND	
MW-37	d	Iodomethane	74-88-4	ug/L	10/17/2017	10	n/a	ND	
MW-37	d	Iodomethane	74-88-4	ug/L	10/17/2017	10	n/a	ND	
MW-37	d	4-Methyl-2-pentanone	108-10-1	ug/L	10/17/2017	10	n/a	ND	
MW-37	d	4-Methyl-2-pentanone	108-10-1	ug/L	10/17/2017	10	n/a	ND	
MW-37	d	Methylene Chloride	75-09-2	ug/L	10/17/2017	5	n/a	ND	
MW-37	d	Methylene Chloride	75-09-2	ug/L	10/17/2017	5	n/a	ND	
MW-37	d	Styrene	100-42-5	ug/L	10/17/2017	1	n/a	ND	
MW-37	d	Styrene	100-42-5	ug/L	10/17/2017	1	n/a	ND	
MW-37	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	10/17/2017	1	n/a	ND	
MW-37	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	10/17/2017	1	n/a	ND	
MW-37	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	10/17/2017	1	n/a	ND	
MW-37	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	10/17/2017	1	n/a	ND	
MW-37	d	Tetrachloroethene	127-18-4	ug/L	10/17/2017	1	n/a	ND	
MW-37	d	Tetrachloroethene	127-18-4	ug/L	10/17/2017	1	n/a	ND	
MW-37	d	Toluene	108-88-3	ug/L	10/17/2017	1	n/a	ND	
MW-37	d	Toluene	108-88-3	ug/L	10/17/2017	1	n/a	ND	
MW-37	d	1,1,1-Trichloroethane	71-55-6	ug/L	10/17/2017	1	n/a	ND	
MW-37	d	1,1,1-Trichloroethane	71-55-6	ug/L	10/17/2017	1	n/a	ND	
MW-37	d	1,1,2-Trichloroethane	79-00-5	ug/L	10/17/2017	1	n/a	ND	
MW-37	d	1,1,2-Trichloroethane	79-00-5	ug/L	10/17/2017	1	n/a	ND	
MW-37	d	Trichloroethene	79-01-6	ug/L	10/17/2017	1	n/a	ND	
MW-37	d	Trichloroethene	79-01-6	ug/L	10/17/2017	1	n/a	ND	
MW-37	d	Trichlorofluoromethane	75-69-4	ug/L	10/17/2017	4	n/a	ND	
MW-37	d	Trichlorofluoromethane	75-69-4	ug/L	10/17/2017	4	n/a	ND	
MW-37	d	1,2,3-Trichloropropane	96-18-4	ug/L	10/17/2017	1	n/a	ND	
MW-37	d	1,2,3-Trichloropropane	96-18-4	ug/L	10/17/2017	1	n/a	ND	
MW-37	d	Vinyl acetate	108-05-4	ug/L	10/17/2017	10	n/a	ND	
MW-37	d	Vinyl acetate	108-05-4	ug/L	10/17/2017	10	n/a	ND	
MW-37	d	Vinyl chloride	75-01-4	ug/L	10/17/2017	1	n/a	ND	
MW-37	d	Vinyl chloride	75-01-4	ug/L	10/17/2017	1	n/a	ND	
MW-37	d	Xylenes, total	1330-20-7	ug/L	10/17/2017	3	n/a	ND	
MW-37	d	Xylenes, total	1330-20-7	ug/L	10/17/2017	3	n/a	ND	
MW-37	d	Methylene Bromide	74-95-3	ug/L	10/17/2017	1	n/a	ND	
MW-37	d	Methylene Bromide	74-95-3	ug/L	10/17/2017	1	n/a	ND	
MW-37	d	Total Suspended Solids	TSS	mg/L	10/17/2017	n/a	n/a		17.7
MW-37	d	Total Suspended Solids	TSS	mg/L	10/17/2017	n/a	n/a		25
MW-66	d	Antimony	7440-36-0	mg/L	10/17/2017	0.001	n/a	ND	
MW-66	d	Arsenic	7440-38-2	mg/L	10/17/2017	0.002	n/a	ND	

Table 9B
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Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-66	d	Barium	7440-39-3	mg/L	10/17/2017	n/a	n/a		0.199
MW-66	d	Beryllium	7440-41-7	mg/L	10/17/2017	0.001	n/a	ND	
MW-66	d	Cadmium	7440-43-9	mg/L	10/17/2017	0.0005	n/a	ND	
MW-66	d	Chromium	7440-47-3	mg/L	10/17/2017	0.005	n/a	ND	
MW-66	d	Cobalt	7440-48-4	mg/L	10/17/2017	0.0005	n/a	ND	
MW-66	d	Copper	7440-50-8	mg/L	10/17/2017	0.005	n/a	ND	
MW-66	d	Lead	7439-92-1	mg/L	10/17/2017	0.0005	n/a	ND	
MW-66	d	Nickel	7440-02-0	mg/L	10/17/2017	0.005	n/a	ND	
MW-66	d	Selenium	7782-49-2	mg/L	10/17/2017	0.005	n/a	ND	
MW-66	d	Silver	7440-22-4	mg/L	10/17/2017	0.001	n/a	ND	
MW-66	d	Thallium	7440-28-0	mg/L	10/17/2017	0.001	n/a	ND	
MW-66	d	Vanadium	7440-62-2	mg/L	10/17/2017	0.005	n/a	ND	
MW-66	d	Zinc	7440-66-6	mg/L	10/17/2017	0.02	n/a	ND	
MW-66	d	Acetone	67-64-1	ug/L	10/17/2017	10	n/a	ND	
MW-66	d	Acrylonitrile	107-13-1	ug/L	10/17/2017	10	n/a	ND	
MW-66	d	Benzene	71-43-2	ug/L	10/17/2017	0.5	n/a	ND	
MW-66	d	Bromochloromethane	74-97-5	ug/L	10/17/2017	5	n/a	ND	
MW-66	d	Bromodichloromethane	75-27-4	ug/L	10/17/2017	1	n/a	ND	
MW-66	d	Bromoform	75-25-2	ug/L	10/17/2017	5	n/a	ND	
MW-66	d	Carbon disulfide	75-15-0	ug/L	10/17/2017	1	n/a	ND	
MW-66	d	Carbon Tetrachloride	56-23-5	ug/L	10/17/2017	2	n/a	ND	
MW-66	d	Chlorobenzene	108-90-7	ug/L	10/17/2017	1	n/a	ND	
MW-66	d	Chloroethane	75-00-3	ug/L	10/17/2017	4	n/a	ND	
MW-66	d	Chloroform	67-66-3	ug/L	10/17/2017	1	n/a	ND	
MW-66	d	Chlorodibromomethane	124-48-1	ug/L	10/17/2017	5	n/a	ND	
MW-66	d	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	10/17/2017	0.5	n/a	ND	
MW-66	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	10/17/2017	0.13	n/a	ND	
MW-66	d	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	10/17/2017	10	n/a	ND	
MW-66	d	1,1-Dichloroethane	75-34-3	ug/L	10/17/2017	1	n/a	ND	
MW-66	d	1,2-Dichloroethane	107-06-2	ug/L	10/17/2017	1	n/a	ND	
MW-66	d	1,1-Dichloroethene	75-35-4	ug/L	10/17/2017	2	n/a	ND	
MW-66	d	cis-1,2-Dichloroethene	156-59-2	ug/L	10/17/2017	1	n/a	ND	
MW-66	d	trans-1,2-Dichloroethene	156-60-5	ug/L	10/17/2017	1	n/a	ND	
MW-66	d	1,2-Dichloropropane	78-87-5	ug/L	10/17/2017	1	n/a	ND	
MW-66	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	10/17/2017	5	n/a	ND	
MW-66	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	10/17/2017	5	n/a	ND	
MW-66	d	1,2-Dichlorobenzene	95-50-1	ug/L	10/17/2017	1	n/a	ND	
MW-66	d	1,4-Dichlorobenzene	106-46-7	ug/L	10/17/2017	1	n/a	ND	
MW-66	d	Ethylbenzene	100-41-4	ug/L	10/17/2017	1	n/a	ND	
MW-66	d	2-Hexanone	591-78-6	ug/L	10/17/2017	10	n/a	ND	
MW-66	d	Bromomethane	74-83-9	ug/L	10/17/2017	4	n/a	ND	
MW-66	d	Chloromethane	74-87-3	ug/L	10/17/2017	3	n/a	ND	
MW-66	d	2-Butanone	78-93-3	ug/L	10/17/2017	10	n/a	ND	
MW-66	d	Iodomethane	74-88-4	ug/L	10/17/2017	10	n/a	ND	
MW-66	d	4-Methyl-2-pentanone	108-10-1	ug/L	10/17/2017	10	n/a	ND	
MW-66	d	Methylene Chloride	75-09-2	ug/L	10/17/2017	5	n/a	ND	
MW-66	d	Styrene	100-42-5	ug/L	10/17/2017	1	n/a	ND	
MW-66	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	10/17/2017	1	n/a	ND	
MW-66	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	10/17/2017	1	n/a	ND	
MW-66	d	Tetrachloroethene	127-18-4	ug/L	10/17/2017	1	n/a	ND	
MW-66	d	Toluene	108-88-3	ug/L	10/17/2017	1	n/a	ND	
MW-66	d	1,1,1-Trichloroethane	71-55-6	ug/L	10/17/2017	1	n/a	ND	
MW-66	d	1,1,2-Trichloroethane	79-00-5	ug/L	10/17/2017	1	n/a	ND	
MW-66	d	Trichloroethene	79-01-6	ug/L	10/17/2017	1	n/a	ND	
MW-66	d	Trichlorofluoromethane	75-69-4	ug/L	10/17/2017	4	n/a	ND	
MW-66	d	1,2,3-Trichloropropane	96-18-4	ug/L	10/17/2017	1	n/a	ND	
MW-66	d	Vinyl acetate	108-05-4	ug/L	10/17/2017	10	n/a	ND	
MW-66	d	Vinyl chloride	75-01-4	ug/L	10/17/2017	1	n/a	ND	
MW-66	d	Xylenes, total	1330-20-7	ug/L	10/17/2017	3	n/a	ND	
MW-66	d	Methylene Bromide	74-95-3	ug/L	10/17/2017	1	n/a	ND	
MW-66	d	Total Suspended Solids	TSS	mg/L	10/17/2017	1.9	n/a	ND	
MW-49R	u	Antimony	7440-36-0	mg/L	11/21/2017	0.001	n/a	ND	
MW-49R	u	Arsenic	7440-38-2	mg/L	11/21/2017	0.002	n/a	ND	
MW-49R	u	Barium	7440-39-3	mg/L	11/21/2017	n/a	n/a		0.124

Table 9B
Analytical Data Summary - Former CWTS
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Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-49R	u	Beryllium	7440-41-7	mg/L	11/21/2017	0.001	n/a	ND	
MW-49R	u	Cadmium	7440-43-9	mg/L	11/21/2017	0.0005	n/a	ND	
MW-49R	u	Chromium	7440-47-3	mg/L	11/21/2017	0.005	n/a	ND	
MW-49R	u	Cobalt	7440-48-4	mg/L	11/21/2017	n/a	n/a		0.000604
MW-49R	u	Copper	7440-50-8	mg/L	11/21/2017	0.005	n/a	ND	
MW-49R	u	Lead	7439-92-1	mg/L	11/21/2017	n/a	n/a		0.000744
MW-49R	u	Nickel	7440-02-0	mg/L	11/21/2017	0.005	n/a	ND	
MW-49R	u	Selenium	7782-49-2	mg/L	11/21/2017	0.005	n/a	ND	
MW-49R	u	Silver	7440-22-4	mg/L	11/21/2017	0.001	n/a	ND	
MW-49R	u	Thallium	7440-28-0	mg/L	11/21/2017	0.001	n/a	ND	
MW-49R	u	Vanadium	7440-62-2	mg/L	11/21/2017	0.005	n/a	ND	
MW-49R	u	Zinc	7440-66-6	mg/L	11/21/2017	0.02	n/a	ND	
MW-49R	u	Acetone	67-64-1	ug/L	11/21/2017	10	n/a	ND	
MW-49R	u	Acrylonitrile	107-13-1	ug/L	11/21/2017	10	n/a	ND	
MW-49R	u	Benzene	71-43-2	ug/L	11/21/2017	0.5	n/a	ND	
MW-49R	u	Bromochloromethane	74-97-5	ug/L	11/21/2017	5	n/a	ND	
MW-49R	u	Bromodichloromethane	75-27-4	ug/L	11/21/2017	1	n/a	ND	
MW-49R	u	Bromoform	75-25-2	ug/L	11/21/2017	5	n/a	ND	
MW-49R	u	Carbon disulfide	75-15-0	ug/L	11/21/2017	1	n/a	ND	
MW-49R	u	Carbon Tetrachloride	56-23-5	ug/L	11/21/2017	2	n/a	ND	
MW-49R	u	Chlorobenzene	108-90-7	ug/L	11/21/2017	1	n/a	ND	
MW-49R	u	Chloroethane	75-00-3	ug/L	11/21/2017	4	n/a	ND	
MW-49R	u	Chloroform	67-66-3	ug/L	11/21/2017	1	n/a	ND	
MW-49R	u	Chlorodibromomethane	124-48-1	ug/L	11/21/2017	5	n/a	ND	
MW-49R	u	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	11/21/2017	0.5	n/a	ND	
MW-49R	u	1,2-Dibromoethane [EDB]	106-93-4	ug/L	11/21/2017	0.13	n/a	ND	
MW-49R	u	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	11/21/2017	10	n/a	ND	
MW-49R	u	1,1-Dichloroethane	75-34-3	ug/L	11/21/2017	1	n/a	ND	
MW-49R	u	1,2-Dichloroethane	107-06-2	ug/L	11/21/2017	1	n/a	ND	
MW-49R	u	1,1-Dichloroethene	75-35-4	ug/L	11/21/2017	2	n/a	ND	
MW-49R	u	cis-1,2-Dichloroethene	156-59-2	ug/L	11/21/2017	1	n/a	ND	
MW-49R	u	trans-1,2-Dichloroethene	156-60-5	ug/L	11/21/2017	1	n/a	ND	
MW-49R	u	1,2-Dichloropropane	78-87-5	ug/L	11/21/2017	1	n/a	ND	
MW-49R	u	cis-1,3-Dichloropropene	10061-01-5	ug/L	11/21/2017	5	n/a	ND	
MW-49R	u	trans-1,3-Dichloropropene	10061-02-6	ug/L	11/21/2017	5	n/a	ND	
MW-49R	u	1,2-Dichlorobenzene	95-50-1	ug/L	11/21/2017	1	n/a	ND	
MW-49R	u	1,4-Dichlorobenzene	106-46-7	ug/L	11/21/2017	1	n/a	ND	
MW-49R	u	Ethylbenzene	100-41-4	ug/L	11/21/2017	1	n/a	ND	
MW-49R	u	2-Hexanone	591-78-6	ug/L	11/21/2017	10	n/a	ND	
MW-49R	u	Bromomethane	74-83-9	ug/L	11/21/2017	4	n/a	ND	
MW-49R	u	Chloromethane	74-87-3	ug/L	11/21/2017	3	n/a	ND	
MW-49R	u	2-Butanone	78-93-3	ug/L	11/21/2017	10	n/a	ND	
MW-49R	u	Iodomethane	74-88-4	ug/L	11/21/2017	10	n/a	ND	
MW-49R	u	4-Methyl-2-pentanone	108-10-1	ug/L	11/21/2017	10	n/a	ND	
MW-49R	u	Methylene Chloride	75-09-2	ug/L	11/21/2017	5	n/a	ND	
MW-49R	u	Styrene	100-42-5	ug/L	11/21/2017	1	n/a	ND	
MW-49R	u	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	11/21/2017	1	n/a	ND	
MW-49R	u	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	11/21/2017	1	n/a	ND	
MW-49R	u	Tetrachloroethene	127-18-4	ug/L	11/21/2017	1	n/a	ND	
MW-49R	u	Toluene	108-88-3	ug/L	11/21/2017	1	n/a	ND	
MW-49R	u	1,1,1-Trichloroethane	71-55-6	ug/L	11/21/2017	1	n/a	ND	
MW-49R	u	1,1,2-Trichloroethane	79-00-5	ug/L	11/21/2017	1	n/a	ND	
MW-49R	u	Trichloroethene	79-01-6	ug/L	11/21/2017	1	n/a	ND	
MW-49R	u	Trichlorofluoromethane	75-69-4	ug/L	11/21/2017	4	n/a	ND	
MW-49R	u	1,2,3-Trichloropropane	96-18-4	ug/L	11/21/2017	1	n/a	ND	
MW-49R	u	Vinyl acetate	108-05-4	ug/L	11/21/2017	10	n/a	ND	
MW-49R	u	Vinyl chloride	75-01-4	ug/L	11/21/2017	1	n/a	ND	
MW-49R	u	Xylenes, total	1330-20-7	ug/L	11/21/2017	3	n/a	ND	
MW-49R	u	Methylene Bromide	74-95-3	ug/L	11/21/2017	1	n/a	ND	
MW-49R	u	Total Suspended Solids	TSS	mg/L	11/21/2017	n/a	n/a		86
MW-49R	u	Antimony	7440-36-0	mg/L	1/26/2018	0.001	n/a	ND	
MW-49R	u	Arsenic	7440-38-2	mg/L	1/26/2018	n/a	n/a		0.00263
MW-49R	u	Barium	7440-39-3	mg/L	1/26/2018	n/a	n/a		0.288
MW-49R	u	Beryllium	7440-41-7	mg/L	1/26/2018	0.001	n/a	ND	

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Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-49R	u	Cadmium	7440-43-9	mg/L	1/26/2018	0.0005	n/a	ND	
MW-49R	u	Chromium	7440-47-3	mg/L	1/26/2018	0.005	n/a	ND	
MW-49R	u	Cobalt	7440-48-4	mg/L	1/26/2018	n/a	n/a		0.00427
MW-49R	u	Copper	7440-50-8	mg/L	1/26/2018	0.005	n/a	ND	
MW-49R	u	Lead	7439-92-1	mg/L	1/26/2018	n/a	n/a		0.000936
MW-49R	u	Nickel	7440-02-0	mg/L	1/26/2018	n/a	n/a		0.00544
MW-49R	u	Selenium	7782-49-2	mg/L	1/26/2018	0.005	n/a	ND	
MW-49R	u	Silver	7440-22-4	mg/L	1/26/2018	0.001	n/a	ND	
MW-49R	u	Thallium	7440-28-0	mg/L	1/26/2018	0.001	n/a	ND	
MW-49R	u	Vanadium	7440-62-2	mg/L	1/26/2018	0.005	n/a	ND	
MW-49R	u	Zinc	7440-66-6	mg/L	1/26/2018	0.02	n/a	ND	
MW-49R	u	Acetone	67-64-1	ug/L	1/26/2018	10	n/a	ND	
MW-49R	u	Acrylonitrile	107-13-1	ug/L	1/26/2018	10	n/a	ND	
MW-49R	u	Benzene	71-43-2	ug/L	1/26/2018	0.5	n/a	ND	
MW-49R	u	Bromochloromethane	74-97-5	ug/L	1/26/2018	5	n/a	ND	
MW-49R	u	Bromodichloromethane	75-27-4	ug/L	1/26/2018	1	n/a	ND	
MW-49R	u	Bromoform	75-25-2	ug/L	1/26/2018	5	n/a	ND	
MW-49R	u	Carbon disulfide	75-15-0	ug/L	1/26/2018	1	n/a	ND	
MW-49R	u	Carbon Tetrachloride	56-23-5	ug/L	1/26/2018	2	n/a	ND	
MW-49R	u	Chlorobenzene	108-90-7	ug/L	1/26/2018	1	n/a	ND	
MW-49R	u	Chloroethane	75-00-3	ug/L	1/26/2018	4	n/a	ND	
MW-49R	u	Chloroform	67-66-3	ug/L	1/26/2018	1	n/a	ND	
MW-49R	u	Chlorodibromomethane	124-48-1	ug/L	1/26/2018	5	n/a	ND	
MW-49R	u	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	1/26/2018	0.5	n/a	ND	
MW-49R	u	1,2-Dibromoethane [EDB]	106-93-4	ug/L	1/26/2018	0.13	n/a	ND	
MW-49R	u	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	1/26/2018	10	n/a	ND	
MW-49R	u	1,1-Dichloroethane	75-34-3	ug/L	1/26/2018	1	n/a	ND	
MW-49R	u	1,2-Dichloroethane	107-06-2	ug/L	1/26/2018	1	n/a	ND	
MW-49R	u	1,1-Dichloroethene	75-35-4	ug/L	1/26/2018	2	n/a	ND	
MW-49R	u	cis-1,2-Dichloroethene	156-59-2	ug/L	1/26/2018	1	n/a	ND	
MW-49R	u	trans-1,2-Dichloroethene	156-60-5	ug/L	1/26/2018	1	n/a	ND	
MW-49R	u	1,2-Dichloropropane	78-87-5	ug/L	1/26/2018	1	n/a	ND	
MW-49R	u	cis-1,3-Dichloropropene	10061-01-5	ug/L	1/26/2018	5	n/a	ND	
MW-49R	u	trans-1,3-Dichloropropene	10061-02-6	ug/L	1/26/2018	5	n/a	ND	
MW-49R	u	1,2-Dichlorobenzene	95-50-1	ug/L	1/26/2018	1	n/a	ND	
MW-49R	u	1,4-Dichlorobenzene	106-46-7	ug/L	1/26/2018	1	n/a	ND	
MW-49R	u	Ethylbenzene	100-41-4	ug/L	1/26/2018	1	n/a	ND	
MW-49R	u	2-Hexanone	591-78-6	ug/L	1/26/2018	10	n/a	ND	
MW-49R	u	Bromomethane	74-83-9	ug/L	1/26/2018	4	n/a	ND	
MW-49R	u	Chloromethane	74-87-3	ug/L	1/26/2018	3	n/a	ND	
MW-49R	u	2-Butanone	78-93-3	ug/L	1/26/2018	10	n/a	ND	
MW-49R	u	Iodomethane	74-88-4	ug/L	1/26/2018	10	n/a	ND	
MW-49R	u	4-Methyl-2-pentanone	108-10-1	ug/L	1/26/2018	10	n/a	ND	
MW-49R	u	Methylene Chloride	75-09-2	ug/L	1/26/2018	5	n/a	ND	
MW-49R	u	Styrene	100-42-5	ug/L	1/26/2018	1	n/a	ND	
MW-49R	u	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	1/26/2018	1	n/a	ND	
MW-49R	u	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	1/26/2018	1	n/a	ND	
MW-49R	u	Tetrachloroethene	127-18-4	ug/L	1/26/2018	1	n/a	ND	
MW-49R	u	Toluene	108-88-3	ug/L	1/26/2018	1	n/a	ND	
MW-49R	u	1,1,1-Trichloroethane	71-55-6	ug/L	1/26/2018	1	n/a	ND	
MW-49R	u	1,1,2-Trichloroethane	79-00-5	ug/L	1/26/2018	1	n/a	ND	
MW-49R	u	Trichloroethene	79-01-6	ug/L	1/26/2018	1	n/a	ND	
MW-49R	u	Trichlorofluoromethane	75-69-4	ug/L	1/26/2018	4	n/a	ND	
MW-49R	u	1,2,3-Trichloropropane	96-18-4	ug/L	1/26/2018	1	n/a	ND	
MW-49R	u	Vinyl acetate	108-05-4	ug/L	1/26/2018	10	n/a	ND	
MW-49R	u	Vinyl chloride	75-01-4	ug/L	1/26/2018	1	n/a	ND	
MW-49R	u	Xylenes, total	1330-20-7	ug/L	1/26/2018	3	n/a	ND	
MW-49R	u	Methylene Bromide	74-95-3	ug/L	1/26/2018	1	n/a	ND	
MW-49R	u	Total Suspended Solids	TSS	mg/L	1/26/2018	n/a	n/a		84.5
MW-36	d	Boron	7440-42-8	mg/L	4/2/2018	n/a	n/a		0.352
MW-36	d	Total Suspended Solids	TSS	mg/L	4/2/2018	n/a	n/a		18.6
MW-37	d	Antimony	7440-36-0	mg/L	4/2/2018	n/a	n/a	J	0.000509
MW-37	d	Arsenic	7440-38-2	mg/L	4/2/2018	n/a	n/a	J	0.00197
MW-37	d	Barium	7440-39-3	mg/L	4/2/2018	n/a	n/a		0.0531

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Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-37	d	Beryllium	7440-41-7	mg/L	4/2/2018	0.001	n/a	ND	
MW-37	d	Cadmium	7440-43-9	mg/L	4/2/2018	n/a	n/a	J	0.000108
MW-37	d	Chromium	7440-47-3	mg/L	4/2/2018	n/a	n/a	J	0.00128
MW-37	d	Cobalt	7440-48-4	mg/L	4/2/2018	n/a	n/a		0.00126
MW-37	d	Copper	7440-50-8	mg/L	4/2/2018	n/a	n/a	J	0.003
MW-37	d	Lead	7439-92-1	mg/L	4/2/2018	n/a	n/a		0.00311
MW-37	d	Nickel	7440-02-0	mg/L	4/2/2018	n/a	n/a	J	0.00344
MW-37	d	Selenium	7782-49-2	mg/L	4/2/2018	0.005	n/a	ND	
MW-37	d	Silver	7440-22-4	mg/L	4/2/2018	0.001	n/a	ND	
MW-37	d	Thallium	7440-28-0	mg/L	4/2/2018	0.001	n/a	ND	
MW-37	d	Vanadium	7440-62-2	mg/L	4/2/2018	n/a	n/a	J	0.00343
MW-37	d	Zinc	7440-66-6	mg/L	4/2/2018	n/a	n/a	J	0.0199
MW-37	d	Acetone	67-64-1	ug/L	4/2/2018	n/a	n/a	J	1.98
MW-37	d	Acrylonitrile	107-13-1	ug/L	4/2/2018	10	n/a	ND	
MW-37	d	Benzene	71-43-2	ug/L	4/2/2018	0.5	n/a	ND	
MW-37	d	Bromochloromethane	74-97-5	ug/L	4/2/2018	5	n/a	ND	
MW-37	d	Bromodichloromethane	75-27-4	ug/L	4/2/2018	1	n/a	ND	
MW-37	d	Bromoform	75-25-2	ug/L	4/2/2018	5	n/a	ND	
MW-37	d	Carbon disulfide	75-15-0	ug/L	4/2/2018	1	n/a	ND	
MW-37	d	Carbon Tetrachloride	56-23-5	ug/L	4/2/2018	2	n/a	ND	
MW-37	d	Chlorobenzene	108-90-7	ug/L	4/2/2018	1	n/a	ND	
MW-37	d	Chloroethane	75-00-3	ug/L	4/2/2018	4	n/a	ND	
MW-37	d	Chloroform	67-66-3	ug/L	4/2/2018	1	n/a	ND	
MW-37	d	Chlorodibromomethane	124-48-1	ug/L	4/2/2018	5	n/a	ND	
MW-37	d	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	4/2/2018	0.5	n/a	ND	
MW-37	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	4/2/2018	0.13	n/a	ND	
MW-37	d	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	4/2/2018	10	n/a	ND	
MW-37	d	1,1-Dichloroethane	75-34-3	ug/L	4/2/2018	1	n/a	ND	
MW-37	d	1,2-Dichloroethane	107-06-2	ug/L	4/2/2018	1	n/a	ND	
MW-37	d	1,1-Dichloroethene	75-35-4	ug/L	4/2/2018	2	n/a	ND	
MW-37	d	cis-1,2-Dichloroethene	156-59-2	ug/L	4/2/2018	1	n/a	ND	
MW-37	d	trans-1,2-Dichloroethene	156-60-5	ug/L	4/2/2018	1	n/a	ND	
MW-37	d	1,2-Dichloropropane	78-87-5	ug/L	4/2/2018	1	n/a	ND	
MW-37	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	4/2/2018	5	n/a	ND	
MW-37	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	4/2/2018	5	n/a	ND	
MW-37	d	1,2-Dichlorobenzene	95-50-1	ug/L	4/2/2018	1	n/a	ND	
MW-37	d	1,4-Dichlorobenzene	106-46-7	ug/L	4/2/2018	1	n/a	ND	
MW-37	d	Ethylbenzene	100-41-4	ug/L	4/2/2018	1	n/a	ND	
MW-37	d	2-Hexanone	591-78-6	ug/L	4/2/2018	10	n/a	ND	
MW-37	d	Bromomethane	74-83-9	ug/L	4/2/2018	4	n/a	ND	
MW-37	d	Chloromethane	74-87-3	ug/L	4/2/2018	3	n/a	ND	
MW-37	d	2-Butanone	78-93-3	ug/L	4/2/2018	10	n/a	ND	
MW-37	d	Iodomethane	74-88-4	ug/L	4/2/2018	10	n/a	ND	
MW-37	d	4-Methyl-2-pentanone	108-10-1	ug/L	4/2/2018	10	n/a	ND	
MW-37	d	Methylene Chloride	75-09-2	ug/L	4/2/2018	n/a	n/a	J	0.176
MW-37	d	Styrene	100-42-5	ug/L	4/2/2018	1	n/a	ND	
MW-37	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	4/2/2018	1	n/a	ND	
MW-37	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	4/2/2018	1	n/a	ND	
MW-37	d	Tetrachloroethene	127-18-4	ug/L	4/2/2018	1	n/a	ND	
MW-37	d	Toluene	108-88-3	ug/L	4/2/2018	1	n/a	ND	
MW-37	d	1,1,1-Trichloroethane	71-55-6	ug/L	4/2/2018	1	n/a	ND	
MW-37	d	1,1,2-Trichloroethane	79-00-5	ug/L	4/2/2018	1	n/a	ND	
MW-37	d	Trichloroethene	79-01-6	ug/L	4/2/2018	1	n/a	ND	
MW-37	d	Trichlorofluoromethane	75-69-4	ug/L	4/2/2018	4	n/a	ND	
MW-37	d	1,2,3-Trichloropropane	96-18-4	ug/L	4/2/2018	1	n/a	ND	
MW-37	d	Vinyl acetate	108-05-4	ug/L	4/2/2018	10	n/a	ND	
MW-37	d	Vinyl chloride	75-01-4	ug/L	4/2/2018	1	n/a	ND	
MW-37	d	Xylenes, total	1330-20-7	ug/L	4/2/2018	3	n/a	ND	
MW-37	d	Methylene Bromide	74-95-3	ug/L	4/2/2018	1	n/a	ND	
MW-37	d	Total Suspended Solids	TSS	mg/L	4/2/2018	n/a	n/a		54.7
MW-66	d	Antimony	7440-36-0	mg/L	4/2/2018	0.001	n/a	ND	
MW-66	d	Antimony	7440-36-0	mg/L	4/2/2018	0.001	n/a	ND	
MW-66	d	Arsenic	7440-38-2	mg/L	4/2/2018	n/a	n/a	J	0.00148
MW-66	d	Arsenic	7440-38-2	mg/L	4/2/2018	n/a	n/a	J	0.00137

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Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-66	d	Barium	7440-39-3	mg/L	4/2/2018	n/a	n/a		0.166
MW-66	d	Barium	7440-39-3	mg/L	4/2/2018	n/a	n/a		0.16
MW-66	d	Beryllium	7440-41-7	mg/L	4/2/2018	0.001	n/a	ND	
MW-66	d	Beryllium	7440-41-7	mg/L	4/2/2018	0.001	n/a	ND	
MW-66	d	Cadmium	7440-43-9	mg/L	4/2/2018	0.0005	n/a	ND	
MW-66	d	Cadmium	7440-43-9	mg/L	4/2/2018	0.0005	n/a	ND	
MW-66	d	Chromium	7440-47-3	mg/L	4/2/2018	0.005	n/a	ND	
MW-66	d	Chromium	7440-47-3	mg/L	4/2/2018	0.005	n/a	ND	
MW-66	d	Cobalt	7440-48-4	mg/L	4/2/2018	n/a	n/a	J	0.000245
MW-66	d	Cobalt	7440-48-4	mg/L	4/2/2018	n/a	n/a	J	0.000241
MW-66	d	Copper	7440-50-8	mg/L	4/2/2018	0.005	n/a	ND	
MW-66	d	Copper	7440-50-8	mg/L	4/2/2018	0.005	n/a	ND	
MW-66	d	Lead	7439-92-1	mg/L	4/2/2018	0.0005	n/a	ND	
MW-66	d	Lead	7439-92-1	mg/L	4/2/2018	0.0005	n/a	ND	
MW-66	d	Nickel	7440-02-0	mg/L	4/2/2018	n/a	n/a	J	0.00267
MW-66	d	Nickel	7440-02-0	mg/L	4/2/2018	n/a	n/a	J	0.00258
MW-66	d	Selenium	7782-49-2	mg/L	4/2/2018	0.005	n/a	ND	
MW-66	d	Selenium	7782-49-2	mg/L	4/2/2018	0.005	n/a	ND	
MW-66	d	Silver	7440-22-4	mg/L	4/2/2018	0.001	n/a	ND	
MW-66	d	Silver	7440-22-4	mg/L	4/2/2018	0.001	n/a	ND	
MW-66	d	Thallium	7440-28-0	mg/L	4/2/2018	0.001	n/a	ND	
MW-66	d	Thallium	7440-28-0	mg/L	4/2/2018	0.001	n/a	ND	
MW-66	d	Vanadium	7440-62-2	mg/L	4/2/2018	0.005	n/a	ND	
MW-66	d	Vanadium	7440-62-2	mg/L	4/2/2018	0.005	n/a	ND	
MW-66	d	Zinc	7440-66-6	mg/L	4/2/2018	0.02	n/a	ND	
MW-66	d	Zinc	7440-66-6	mg/L	4/2/2018	0.02	n/a	ND	
MW-66	d	Acetone	67-64-1	ug/L	4/2/2018	10	n/a	ND	
MW-66	d	Acetone	67-64-1	ug/L	4/2/2018	10	n/a	ND	
MW-66	d	Acrylonitrile	107-13-1	ug/L	4/2/2018	10	n/a	ND	
MW-66	d	Acrylonitrile	107-13-1	ug/L	4/2/2018	10	n/a	ND	
MW-66	d	Benzene	71-43-2	ug/L	4/2/2018	0.5	n/a	ND	
MW-66	d	Benzene	71-43-2	ug/L	4/2/2018	0.5	n/a	ND	
MW-66	d	Bromochloromethane	74-97-5	ug/L	4/2/2018	5	n/a	ND	
MW-66	d	Bromochloromethane	74-97-5	ug/L	4/2/2018	5	n/a	ND	
MW-66	d	Bromodichloromethane	75-27-4	ug/L	4/2/2018	1	n/a	ND	
MW-66	d	Bromodichloromethane	75-27-4	ug/L	4/2/2018	1	n/a	ND	
MW-66	d	Bromoform	75-25-2	ug/L	4/2/2018	5	n/a	ND	
MW-66	d	Bromoform	75-25-2	ug/L	4/2/2018	5	n/a	ND	
MW-66	d	Carbon disulfide	75-15-0	ug/L	4/2/2018	1	n/a	ND	
MW-66	d	Carbon disulfide	75-15-0	ug/L	4/2/2018	1	n/a	ND	
MW-66	d	Carbon Tetrachloride	56-23-5	ug/L	4/2/2018	2	n/a	ND	
MW-66	d	Carbon Tetrachloride	56-23-5	ug/L	4/2/2018	2	n/a	ND	
MW-66	d	Chlorobenzene	108-90-7	ug/L	4/2/2018	1	n/a	ND	
MW-66	d	Chlorobenzene	108-90-7	ug/L	4/2/2018	1	n/a	ND	
MW-66	d	Chloroethane	75-00-3	ug/L	4/2/2018	4	n/a	ND	
MW-66	d	Chloroethane	75-00-3	ug/L	4/2/2018	4	n/a	ND	
MW-66	d	Chloroform	67-66-3	ug/L	4/2/2018	1	n/a	ND	
MW-66	d	Chloroform	67-66-3	ug/L	4/2/2018	1	n/a	ND	
MW-66	d	Chlorodibromomethane	124-48-1	ug/L	4/2/2018	5	n/a	ND	
MW-66	d	Chlorodibromomethane	124-48-1	ug/L	4/2/2018	5	n/a	ND	
MW-66	d	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	4/2/2018	0.5	n/a	ND	
MW-66	d	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	4/2/2018	0.5	n/a	ND	
MW-66	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	4/2/2018	0.13	n/a	ND	
MW-66	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	4/2/2018	0.13	n/a	ND	
MW-66	d	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	4/2/2018	10	n/a	ND	
MW-66	d	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	4/2/2018	10	n/a	ND	
MW-66	d	1,1-Dichloroethane	75-34-3	ug/L	4/2/2018	1	n/a	ND	
MW-66	d	1,1-Dichloroethane	75-34-3	ug/L	4/2/2018	1	n/a	ND	
MW-66	d	1,2-Dichloroethane	107-06-2	ug/L	4/2/2018	1	n/a	ND	
MW-66	d	1,2-Dichloroethane	107-06-2	ug/L	4/2/2018	1	n/a	ND	
MW-66	d	1,1-Dichloroethene	75-35-4	ug/L	4/2/2018	2	n/a	ND	
MW-66	d	1,1-Dichloroethene	75-35-4	ug/L	4/2/2018	2	n/a	ND	
MW-66	d	cis-1,2-Dichloroethene	156-59-2	ug/L	4/2/2018	1	n/a	ND	
MW-66	d	cis-1,2-Dichloroethene	156-59-2	ug/L	4/2/2018	1	n/a	ND	

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Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-66	d	trans-1,2-Dichloroethene	156-60-5	ug/L	4/2/2018	1	n/a	ND	
MW-66	d	trans-1,2-Dichloroethene	156-60-5	ug/L	4/2/2018	1	n/a	ND	
MW-66	d	1,2-Dichloropropane	78-87-5	ug/L	4/2/2018	1	n/a	ND	
MW-66	d	1,2-Dichloropropane	78-87-5	ug/L	4/2/2018	1	n/a	ND	
MW-66	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	4/2/2018	5	n/a	ND	
MW-66	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	4/2/2018	5	n/a	ND	
MW-66	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	4/2/2018	5	n/a	ND	
MW-66	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	4/2/2018	5	n/a	ND	
MW-66	d	1,2-Dichlorobenzene	95-50-1	ug/L	4/2/2018	1	n/a	ND	
MW-66	d	1,2-Dichlorobenzene	95-50-1	ug/L	4/2/2018	1	n/a	ND	
MW-66	d	1,4-Dichlorobenzene	106-46-7	ug/L	4/2/2018	1	n/a	ND	
MW-66	d	1,4-Dichlorobenzene	106-46-7	ug/L	4/2/2018	1	n/a	ND	
MW-66	d	Ethylbenzene	100-41-4	ug/L	4/2/2018	1	n/a	ND	
MW-66	d	Ethylbenzene	100-41-4	ug/L	4/2/2018	1	n/a	ND	
MW-66	d	2-Hexanone	591-78-6	ug/L	4/2/2018	10	n/a	ND	
MW-66	d	2-Hexanone	591-78-6	ug/L	4/2/2018	10	n/a	ND	
MW-66	d	Bromomethane	74-83-9	ug/L	4/2/2018	4	n/a	ND	
MW-66	d	Bromomethane	74-83-9	ug/L	4/2/2018	4	n/a	ND	
MW-66	d	Chloromethane	74-87-3	ug/L	4/2/2018	3	n/a	ND	
MW-66	d	Chloromethane	74-87-3	ug/L	4/2/2018	3	n/a	ND	
MW-66	d	2-Butanone	78-93-3	ug/L	4/2/2018	10	n/a	ND	
MW-66	d	2-Butanone	78-93-3	ug/L	4/2/2018	10	n/a	ND	
MW-66	d	Iodomethane	74-88-4	ug/L	4/2/2018	10	n/a	ND	
MW-66	d	Iodomethane	74-88-4	ug/L	4/2/2018	10	n/a	ND	
MW-66	d	4-Methyl-2-pentanone	108-10-1	ug/L	4/2/2018	10	n/a	ND	
MW-66	d	4-Methyl-2-pentanone	108-10-1	ug/L	4/2/2018	10	n/a	ND	
MW-66	d	Methylene Chloride	75-09-2	ug/L	4/2/2018	n/a	n/a	J	0.216
MW-66	d	Methylene Chloride	75-09-2	ug/L	4/2/2018	5	n/a	ND	
MW-66	d	Styrene	100-42-5	ug/L	4/2/2018	1	n/a	ND	
MW-66	d	Styrene	100-42-5	ug/L	4/2/2018	1	n/a	ND	
MW-66	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	4/2/2018	1	n/a	ND	
MW-66	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	4/2/2018	1	n/a	ND	
MW-66	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	4/2/2018	1	n/a	ND	
MW-66	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	4/2/2018	1	n/a	ND	
MW-66	d	Tetrachloroethene	127-18-4	ug/L	4/2/2018	1	n/a	ND	
MW-66	d	Tetrachloroethene	127-18-4	ug/L	4/2/2018	1	n/a	ND	
MW-66	d	Toluene	108-88-3	ug/L	4/2/2018	1	n/a	ND	
MW-66	d	Toluene	108-88-3	ug/L	4/2/2018	1	n/a	ND	
MW-66	d	1,1,1-Trichloroethane	71-55-6	ug/L	4/2/2018	1	n/a	ND	
MW-66	d	1,1,1-Trichloroethane	71-55-6	ug/L	4/2/2018	1	n/a	ND	
MW-66	d	1,1,2-Trichloroethane	79-00-5	ug/L	4/2/2018	1	n/a	ND	
MW-66	d	1,1,2-Trichloroethane	79-00-5	ug/L	4/2/2018	1	n/a	ND	
MW-66	d	Trichloroethene	79-01-6	ug/L	4/2/2018	1	n/a	ND	
MW-66	d	Trichloroethene	79-01-6	ug/L	4/2/2018	1	n/a	ND	
MW-66	d	Trichlorofluoromethane	75-69-4	ug/L	4/2/2018	4	n/a	ND	
MW-66	d	Trichlorofluoromethane	75-69-4	ug/L	4/2/2018	4	n/a	ND	
MW-66	d	1,2,3-Trichloropropane	96-18-4	ug/L	4/2/2018	1	n/a	ND	
MW-66	d	1,2,3-Trichloropropane	96-18-4	ug/L	4/2/2018	1	n/a	ND	
MW-66	d	Vinyl acetate	108-05-4	ug/L	4/2/2018	10	n/a	ND	
MW-66	d	Vinyl acetate	108-05-4	ug/L	4/2/2018	10	n/a	ND	
MW-66	d	Vinyl chloride	75-01-4	ug/L	4/2/2018	1	n/a	ND	
MW-66	d	Vinyl chloride	75-01-4	ug/L	4/2/2018	1	n/a	ND	
MW-66	d	Xylenes, total	1330-20-7	ug/L	4/2/2018	3	n/a	ND	
MW-66	d	Xylenes, total	1330-20-7	ug/L	4/2/2018	3	n/a	ND	
MW-66	d	Methylene Bromide	74-95-3	ug/L	4/2/2018	1	n/a	ND	
MW-66	d	Methylene Bromide	74-95-3	ug/L	4/2/2018	1	n/a	ND	
MW-66	d	Total Suspended Solids	TSS	mg/L	4/2/2018	n/a	n/a	J	2.25
MW-66	d	Total Suspended Solids	TSS	mg/L	4/2/2018	n/a	n/a	J	1.5
MW-49R	u	Antimony	7440-36-0	mg/L	7/31/2018	0.00042	0.001	J	0.000455
MW-49R	u	Arsenic	7440-38-2	mg/L	7/31/2018	0.00057	0.002	J	0.00107
MW-49R	u	Barium	7440-39-3	mg/L	7/31/2018	0.00066	0.002	J	0.151
MW-49R	u	Beryllium	7440-41-7	mg/L	7/31/2018	n/a	0.001	ND^	
MW-49R	u	Cadmium	7440-43-9	mg/L	7/31/2018	0.00006	0.0005	J	0.000206
MW-49R	u	Chromium	7440-47-3	mg/L	7/31/2018	0.00076	0.005	J	0.00424

Table 9B
Analytical Data Summary - Former CWTS
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Phase II MSWLF and CWTS
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Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-49R	u	Cobalt	7440-48-4	mg/L	7/31/2018	0.000061	0.0005		0.0011
MW-49R	u	Copper	7440-50-8	mg/L	7/31/2018	0.0016	0.005		0.00506
MW-49R	u	Lead	7439-92-1	mg/L	7/31/2018	0.00025	0.0005		0.00126
MW-49R	u	Nickel	7440-02-0	mg/L	7/31/2018	0.001	0.005	J	0.0034
MW-49R	u	Selenium	7782-49-2	mg/L	7/31/2018	n/a	0.005	ND	
MW-49R	u	Silver	7440-22-4	mg/L	7/31/2018	n/a	0.001	ND^	
MW-49R	u	Thallium	7440-28-0	mg/L	7/31/2018	n/a	0.001	ND	
MW-49R	u	Vanadium	7440-62-2	mg/L	7/31/2018	0.00052	0.005	J	0.00464
MW-49R	u	Zinc	7440-66-6	mg/L	7/31/2018	0.01	0.02	J*	0.0133
MW-49R	u	Acetone	67-64-1	ug/L	7/31/2018	n/a	10	ND	
MW-49R	u	Acrylonitrile	107-13-1	ug/L	7/31/2018	n/a	10	ND	
MW-49R	u	Benzene	71-43-2	ug/L	7/31/2018	n/a	0.5	ND	
MW-49R	u	Bromochloromethane	74-97-5	ug/L	7/31/2018	n/a	5	ND	
MW-49R	u	Bromodichloromethane	75-27-4	ug/L	7/31/2018	n/a	1	ND	
MW-49R	u	Bromoform	75-25-2	ug/L	7/31/2018	n/a	5	ND	
MW-49R	u	Carbon disulfide	75-15-0	ug/L	7/31/2018	n/a	1	ND	
MW-49R	u	Carbon Tetrachloride	56-23-5	ug/L	7/31/2018	n/a	2	ND	
MW-49R	u	Chlorobenzene	108-90-7	ug/L	7/31/2018	n/a	1	ND	
MW-49R	u	Chloroethane	75-00-3	ug/L	7/31/2018	n/a	4	ND	
MW-49R	u	Chloroform	67-66-3	ug/L	7/31/2018	n/a	3	ND	
MW-49R	u	Chlorodibromomethane	124-48-1	ug/L	7/31/2018	n/a	5	ND	
MW-49R	u	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	7/31/2018	n/a	0.12	ND	
MW-49R	u	1,2-Dibromoethane [EDB]	106-93-4	ug/L	7/31/2018	n/a	0.13	ND	
MW-49R	u	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	7/31/2018	n/a	10	ND	
MW-49R	u	1,1-Dichloroethane	75-34-3	ug/L	7/31/2018	n/a	1	ND	
MW-49R	u	1,2-Dichloroethane	107-06-2	ug/L	7/31/2018	n/a	1	ND	
MW-49R	u	1,1-Dichloroethene	75-35-4	ug/L	7/31/2018	n/a	2	ND	
MW-49R	u	cis-1,2-Dichloroethene	156-59-2	ug/L	7/31/2018	n/a	1	ND	
MW-49R	u	trans-1,2-Dichloroethene	156-60-5	ug/L	7/31/2018	n/a	1	ND	
MW-49R	u	1,2-Dichloropropane	78-87-5	ug/L	7/31/2018	n/a	1	ND	
MW-49R	u	cis-1,3-Dichloropropene	10061-01-5	ug/L	7/31/2018	n/a	5	ND	
MW-49R	u	trans-1,3-Dichloropropene	10061-02-6	ug/L	7/31/2018	n/a	5	ND	
MW-49R	u	1,2-Dichlorobenzene	95-50-1	ug/L	7/31/2018	n/a	1	ND	
MW-49R	u	1,4-Dichlorobenzene	106-46-7	ug/L	7/31/2018	n/a	1	ND	
MW-49R	u	Ethylbenzene	100-41-4	ug/L	7/31/2018	n/a	1	ND	
MW-49R	u	2-Hexanone	591-78-6	ug/L	7/31/2018	n/a	10	ND	
MW-49R	u	Bromomethane	74-83-9	ug/L	7/31/2018	n/a	4	ND	
MW-49R	u	Chloromethane	74-87-3	ug/L	7/31/2018	n/a	3	ND	
MW-49R	u	2-Butanone	78-93-3	ug/L	7/31/2018	n/a	10	ND	
MW-49R	u	Iodomethane	74-88-4	ug/L	7/31/2018	n/a	10	ND	
MW-49R	u	4-Methyl-2-pentanone	108-10-1	ug/L	7/31/2018	n/a	10	ND	
MW-49R	u	Methylene Chloride	75-09-2	ug/L	7/31/2018	n/a	5	ND	
MW-49R	u	Styrene	100-42-5	ug/L	7/31/2018	n/a	1	ND	
MW-49R	u	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	7/31/2018	n/a	1	ND	
MW-49R	u	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	7/31/2018	n/a	1	ND	
MW-49R	u	Tetrachloroethene	127-18-4	ug/L	7/31/2018	n/a	1	ND	
MW-49R	u	Toluene	108-88-3	ug/L	7/31/2018	n/a	1	ND	
MW-49R	u	1,1,1-Trichloroethane	71-55-6	ug/L	7/31/2018	n/a	1	ND	
MW-49R	u	1,1,2-Trichloroethane	79-00-5	ug/L	7/31/2018	n/a	1	ND	
MW-49R	u	Trichloroethene	79-01-6	ug/L	7/31/2018	n/a	1	ND	
MW-49R	u	Trichlorofluoromethane	75-69-4	ug/L	7/31/2018	n/a	4	ND	
MW-49R	u	1,2,3-Trichloropropane	96-18-4	ug/L	7/31/2018	n/a	1	ND	
MW-49R	u	Vinyl acetate	108-05-4	ug/L	7/31/2018	n/a	10	ND	
MW-49R	u	Vinyl chloride	75-01-4	ug/L	7/31/2018	n/a	1	ND	
MW-49R	u	Xylenes, total	1330-20-7	ug/L	7/31/2018	n/a	3	ND	
MW-49R	u	Methylene Bromide	74-95-3	ug/L	7/31/2018	n/a	1	ND	
MW-49R	u	Total Suspended Solids	TSS	mg/L	7/31/2018	0.638	1.88		23.6
MW-36	d	Antimony	7440-36-0	mg/L	10/17/2018	n/a	0.003	ND	
MW-36	d	Arsenic	7440-38-2	mg/L	10/17/2018	0.000232	0.001	J	0.00088
MW-36	d	Barium	7440-39-3	mg/L	10/17/2018	0.00073	0.0025		0.0987
MW-36	d	Beryllium	7440-41-7	mg/L	10/17/2018	n/a	0.001	ND	
MW-36	d	Cadmium	7440-43-9	mg/L	10/17/2018	n/a	0.0005	ND	
MW-36	d	Chromium	7440-47-3	mg/L	10/17/2018	0.00114	0.005	J	0.00217
MW-36	d	Cobalt	7440-48-4	mg/L	10/17/2018	0.000402	0.001	J	0.000917

Table 9B
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Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-36	d	Copper	7440-50-8	mg/L	10/17/2018	0.000497	0.002		0.00303
MW-36	d	Lead	7439-92-1	mg/L	10/17/2018	0.000186	0.0005	J	0.000433
MW-36	d	Nickel	7440-02-0	mg/L	10/17/2018	0.000625	0.002		0.0027
MW-36	d	Selenium	7782-49-2	mg/L	10/17/2018	n/a	0.0025	ND	
MW-36	d	Silver	7440-22-4	mg/L	10/17/2018	n/a	0.0005	ND	
MW-36	d	Thallium	7440-28-0	mg/L	10/17/2018	n/a	0.002	ND	
MW-36	d	Vanadium	7440-62-2	mg/L	10/17/2018	0.00215	0.005	J	0.00289
MW-36	d	Zinc	7440-66-6	mg/L	10/17/2018	n/a	0.02	ND	
MW-36	d	Boron	7440-42-8	mg/L	10/17/2018	0.0127	0.05		0.395
MW-36	d	Total Suspended Solids	TSS	mg/L	10/17/2018	0.638	1.88		6.25
MW-37	d	Antimony	7440-36-0	mg/L	10/17/2018	n/a	0.003	ND	
MW-37	d	Arsenic	7440-38-2	mg/L	10/17/2018	0.000232	0.001		0.00108
MW-37	d	Barium	7440-39-3	mg/L	10/17/2018	0.00073	0.0025		0.0489
MW-37	d	Beryllium	7440-41-7	mg/L	10/17/2018	n/a	0.001	ND	
MW-37	d	Cadmium	7440-43-9	mg/L	10/17/2018	n/a	0.0005	ND	
MW-37	d	Chromium	7440-47-3	mg/L	10/17/2018	0.00114	0.005	J	0.00218
MW-37	d	Cobalt	7440-48-4	mg/L	10/17/2018	n/a	0.001	ND	
MW-37	d	Copper	7440-50-8	mg/L	10/17/2018	0.000497	0.002		0.00393
MW-37	d	Lead	7439-92-1	mg/L	10/17/2018	0.000186	0.0005		0.000698
MW-37	d	Nickel	7440-02-0	mg/L	10/17/2018	0.000625	0.002	J	0.00166
MW-37	d	Selenium	7782-49-2	mg/L	10/17/2018	n/a	0.0025	ND	
MW-37	d	Silver	7440-22-4	mg/L	10/17/2018	n/a	0.0005	ND	
MW-37	d	Thallium	7440-28-0	mg/L	10/17/2018	n/a	0.002	ND	
MW-37	d	Vanadium	7440-62-2	mg/L	10/17/2018	0.00215	0.005	J	0.0036
MW-37	d	Zinc	7440-66-6	mg/L	10/17/2018	0.00692	0.02	J	0.0124
MW-37	d	Acetone	67-64-1	ug/L	10/17/2018	3.1	10	J	3.61
MW-37	d	Acrylonitrile	107-13-1	ug/L	10/17/2018	n/a	10	ND	
MW-37	d	Benzene	71-43-2	ug/L	10/17/2018	n/a	0.5	ND	
MW-37	d	Bromochloromethane	74-97-5	ug/L	10/17/2018	n/a	5	ND	
MW-37	d	Bromodichloromethane	75-27-4	ug/L	10/17/2018	n/a	1	ND	
MW-37	d	Bromoform	75-25-2	ug/L	10/17/2018	n/a	5	ND	
MW-37	d	Carbon disulfide	75-15-0	ug/L	10/17/2018	n/a	1	ND	
MW-37	d	Carbon Tetrachloride	56-23-5	ug/L	10/17/2018	n/a	2	ND	
MW-37	d	Chlorobenzene	108-90-7	ug/L	10/17/2018	n/a	1	ND	
MW-37	d	Chloroethane	75-00-3	ug/L	10/17/2018	n/a	4	ND	
MW-37	d	Chloroform	67-66-3	ug/L	10/17/2018	n/a	3	ND	
MW-37	d	Chlorodibromomethane	124-48-1	ug/L	10/17/2018	n/a	5	ND	
MW-37	d	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	10/17/2018	n/a	1.2	ND	
MW-37	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	10/17/2018	n/a	0.34	ND	
MW-37	d	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	10/17/2018	n/a	10	ND	
MW-37	d	1,1-Dichloroethane	75-34-3	ug/L	10/17/2018	n/a	1	ND	
MW-37	d	1,2-Dichloroethane	107-06-2	ug/L	10/17/2018	n/a	1	ND	
MW-37	d	1,1-Dichloroethene	75-35-4	ug/L	10/17/2018	n/a	2	ND	
MW-37	d	cis-1,2-Dichloroethene	156-59-2	ug/L	10/17/2018	n/a	1	ND	
MW-37	d	trans-1,2-Dichloroethene	156-60-5	ug/L	10/17/2018	n/a	1	ND	
MW-37	d	1,2-Dichloropropane	78-87-5	ug/L	10/17/2018	n/a	1	ND	
MW-37	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	10/17/2018	n/a	5	ND	
MW-37	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	10/17/2018	n/a	5	ND	
MW-37	d	1,2-Dichlorobenzene	95-50-1	ug/L	10/17/2018	n/a	1	ND	
MW-37	d	1,4-Dichlorobenzene	106-46-7	ug/L	10/17/2018	n/a	1	ND	
MW-37	d	Ethylbenzene	100-41-4	ug/L	10/17/2018	n/a	1	ND	
MW-37	d	2-Hexanone	591-78-6	ug/L	10/17/2018	n/a	10	ND	
MW-37	d	Bromomethane	74-83-9	ug/L	10/17/2018	n/a	4	ND	
MW-37	d	Chloromethane	74-87-3	ug/L	10/17/2018	n/a	3	ND	
MW-37	d	2-Butanone	78-93-3	ug/L	10/17/2018	n/a	10	ND	
MW-37	d	Iodomethane	74-88-4	ug/L	10/17/2018	n/a	10	ND	
MW-37	d	4-Methyl-2-pentanone	108-10-1	ug/L	10/17/2018	n/a	10	ND	
MW-37	d	Methylene Chloride	75-09-2	ug/L	10/17/2018	n/a	5	ND	
MW-37	d	Styrene	100-42-5	ug/L	10/17/2018	n/a	1	ND	
MW-37	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	10/17/2018	n/a	1	ND	
MW-37	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	10/17/2018	n/a	1	ND	
MW-37	d	Tetrachloroethene	127-18-4	ug/L	10/17/2018	n/a	1	ND	
MW-37	d	Toluene	108-88-3	ug/L	10/17/2018	n/a	1	ND	
MW-37	d	1,1,1-Trichloroethane	71-55-6	ug/L	10/17/2018	n/a	1	ND	

Table 9B
Analytical Data Summary - Former CWTS
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Phase II MSWLF and CWTS
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-37	d	1,1,2-Trichloroethane	79-00-5	ug/L	10/17/2018	n/a	1	ND	
MW-37	d	Trichloroethene	79-01-6	ug/L	10/17/2018	n/a	1	ND	
MW-37	d	Trichlorofluoromethane	75-69-4	ug/L	10/17/2018	n/a	4	ND	
MW-37	d	1,2,3-Trichloropropane	96-18-4	ug/L	10/17/2018	n/a	1	ND	
MW-37	d	Vinyl acetate	108-05-4	ug/L	10/17/2018	n/a	10	ND	
MW-37	d	Vinyl chloride	75-01-4	ug/L	10/17/2018	n/a	1	ND	
MW-37	d	Xylenes, total	1330-20-7	ug/L	10/17/2018	n/a	3	ND	
MW-37	d	Methylene Bromide	74-95-3	ug/L	10/17/2018	n/a	1	ND	
MW-37	d	Total Suspended Solids	TSS	mg/L	10/17/2018	0.638	1.88		19.4
#REF!	#REF!	#REF!	#REF!	#REF!	#REF!	#REF!	#REF!		#REF!
#REF!	#REF!	#REF!	#REF!	#REF!	#REF!	#REF!	#REF!		#REF!
#REF!	#REF!	#REF!	#REF!	#REF!	#REF!	#REF!	#REF!		#REF!
MW-49R	u	Antimony	7440-36-0	mg/L	10/17/2018	n/a	0.003	ND	
MW-49R	u	Arsenic	7440-38-2	mg/L	10/17/2018	0.000232	0.001	J	0.000979
MW-49R	u	Barium	7440-39-3	mg/L	10/17/2018	0.00073	0.0025		0.166
MW-49R	u	Beryllium	7440-41-7	mg/L	10/17/2018	n/a	0.001	ND	
MW-49R	u	Cadmium	7440-43-9	mg/L	10/17/2018	n/a	0.0005	ND	
MW-49R	u	Chromium	7440-47-3	mg/L	10/17/2018	0.00114	0.005	J	0.00351
MW-49R	u	Cobalt	7440-48-4	mg/L	10/17/2018	0.000402	0.001	J	0.000428
MW-49R	u	Copper	7440-50-8	mg/L	10/17/2018	0.000497	0.002		0.00218
MW-49R	u	Lead	7439-92-1	mg/L	10/17/2018	0.000186	0.0005	J	0.000188
MW-49R	u	Nickel	7440-02-0	mg/L	10/17/2018	0.000625	0.002	J	0.00151
MW-49R	u	Selenium	7782-49-2	mg/L	10/17/2018	n/a	0.0025	ND	
MW-49R	u	Silver	7440-22-4	mg/L	10/17/2018	n/a	0.0005	ND	
MW-49R	u	Thallium	7440-28-0	mg/L	10/17/2018	n/a	0.002	ND	
MW-49R	u	Vanadium	7440-62-2	mg/L	10/17/2018	0.00215	0.005	J	0.0028
MW-49R	u	Zinc	7440-66-6	mg/L	10/17/2018	n/a	0.02	ND	
MW-49R	u	Acetone	67-64-1	ug/L	10/17/2018	3.1	10	J	3.13
MW-49R	u	Acrylonitrile	107-13-1	ug/L	10/17/2018	n/a	10	ND	
MW-49R	u	Benzene	71-43-2	ug/L	10/17/2018	n/a	0.5	ND	
MW-49R	u	Bromochloromethane	74-97-5	ug/L	10/17/2018	n/a	5	ND	
MW-49R	u	Bromodichloromethane	75-27-4	ug/L	10/17/2018	n/a	1	ND	
MW-49R	u	Bromoform	75-25-2	ug/L	10/17/2018	n/a	5	ND	
MW-49R	u	Carbon disulfide	75-15-0	ug/L	10/17/2018	n/a	1	ND	
MW-49R	u	Carbon Tetrachloride	56-23-5	ug/L	10/17/2018	n/a	2	ND	
MW-49R	u	Chlorobenzene	108-90-7	ug/L	10/17/2018	n/a	1	ND	
MW-49R	u	Chloroethane	75-00-3	ug/L	10/17/2018	n/a	4	ND	
MW-49R	u	Chloroform	67-66-3	ug/L	10/17/2018	n/a	3	ND	
MW-49R	u	Chlorodibromomethane	124-48-1	ug/L	10/17/2018	n/a	5	ND	
MW-49R	u	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	10/17/2018	n/a	1.2	ND	
MW-49R	u	1,2-Dibromoethane [EDB]	106-93-4	ug/L	10/17/2018	n/a	0.34	ND	
MW-49R	u	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	10/17/2018	n/a	10	ND	
MW-49R	u	1,1-Dichloroethane	75-34-3	ug/L	10/17/2018	n/a	1	ND	
MW-49R	u	1,2-Dichloroethane	107-06-2	ug/L	10/17/2018	n/a	1	ND	
MW-49R	u	1,1-Dichloroethene	75-35-4	ug/L	10/17/2018	n/a	2	ND	
MW-49R	u	cis-1,2-Dichloroethene	156-59-2	ug/L	10/17/2018	n/a	1	ND	
MW-49R	u	trans-1,2-Dichloroethene	156-60-5	ug/L	10/17/2018	n/a	1	ND	
MW-49R	u	1,2-Dichloropropane	78-87-5	ug/L	10/17/2018	n/a	1	ND	
MW-49R	u	cis-1,3-Dichloropropene	10061-01-5	ug/L	10/17/2018	n/a	5	ND	
MW-49R	u	trans-1,3-Dichloropropene	10061-02-6	ug/L	10/17/2018	n/a	5	ND	
MW-49R	u	1,2-Dichlorobenzene	95-50-1	ug/L	10/17/2018	n/a	1	ND	
MW-49R	u	1,4-Dichlorobenzene	106-46-7	ug/L	10/17/2018	n/a	1	ND	
MW-49R	u	Ethylbenzene	100-41-4	ug/L	10/17/2018	n/a	1	ND	
MW-49R	u	2-Hexanone	591-78-6	ug/L	10/17/2018	n/a	10	ND	
MW-49R	u	Bromomethane	74-83-9	ug/L	10/17/2018	n/a	4	ND	
MW-49R	u	Chloromethane	74-87-3	ug/L	10/17/2018	n/a	3	ND	
MW-49R	u	2-Butanone	78-93-3	ug/L	10/17/2018	n/a	10	ND	
MW-49R	u	Iodomethane	74-88-4	ug/L	10/17/2018	n/a	10	ND	
MW-49R	u	4-Methyl-2-pentanone	108-10-1	ug/L	10/17/2018	n/a	10	ND	
MW-49R	u	Methylene Chloride	75-09-2	ug/L	10/17/2018	n/a	5	ND	
MW-49R	u	Styrene	100-42-5	ug/L	10/17/2018	n/a	1	ND	
MW-49R	u	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	10/17/2018	n/a	1	ND	
MW-49R	u	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	10/17/2018	n/a	1	ND	
MW-49R	u	Tetrachloroethene	127-18-4	ug/L	10/17/2018	n/a	1	ND	

Table 9B
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Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-49R	u	Toluene	108-88-3	ug/L	10/17/2018	n/a	1	ND	
MW-49R	u	1,1,1-Trichloroethane	71-55-6	ug/L	10/17/2018	n/a	1	ND	
MW-49R	u	1,1,2-Trichloroethane	79-00-5	ug/L	10/17/2018	n/a	1	ND	
MW-49R	u	Trichloroethene	79-01-6	ug/L	10/17/2018	n/a	1	ND	
MW-49R	u	Trichlorofluoromethane	75-69-4	ug/L	10/17/2018	n/a	4	ND	
MW-49R	u	1,2,3-Trichloropropane	96-18-4	ug/L	10/17/2018	n/a	1	ND	
MW-49R	u	Vinyl acetate	108-05-4	ug/L	10/17/2018	n/a	10	ND	
MW-49R	u	Vinyl chloride	75-01-4	ug/L	10/17/2018	n/a	1	ND	
MW-49R	u	Xylenes, total	1330-20-7	ug/L	10/17/2018	n/a	3	ND	
MW-49R	u	Methylene Bromide	74-95-3	ug/L	10/17/2018	n/a	1	ND	
MW-49R	u	Total Suspended Solids	TSS	mg/L	10/17/2018	0.638	1.88		4.13
#REF!	#REF!	#REF!	#REF!	#REF!	#REF!	#REF!	#REF!		#REF!
#REF!	#REF!	#REF!	#REF!	#REF!	#REF!	#REF!	#REF!		#REF!
#REF!	#REF!	#REF!	#REF!	#REF!	#REF!	#REF!	#REF!		#REF!
MW-66	d	Antimony	7440-36-0	mg/L	10/17/2018	n/a	0.003	ND	
MW-66	d	Arsenic	7440-38-2	mg/L	10/17/2018	0.000232	0.001		0.00368
MW-66	d	Barium	7440-39-3	mg/L	10/17/2018	0.00073	0.0025		0.0211
MW-66	d	Beryllium	7440-41-7	mg/L	10/17/2018	n/a	0.001	ND	
MW-66	d	Cadmium	7440-43-9	mg/L	10/17/2018	n/a	0.0005	ND	
MW-66	d	Chromium	7440-47-3	mg/L	10/17/2018	0.00114	0.005	J	0.00157
MW-66	d	Cobalt	7440-48-4	mg/L	10/17/2018	0.000402	0.001		0.00106
MW-66	d	Copper	7440-50-8	mg/L	10/17/2018	0.000497	0.002		0.00223
MW-66	d	Lead	7439-92-1	mg/L	10/17/2018	n/a	0.0005	ND	
MW-66	d	Nickel	7440-02-0	mg/L	10/17/2018	0.000625	0.002		0.00622
MW-66	d	Selenium	7782-49-2	mg/L	10/17/2018	n/a	0.0025	ND	
MW-66	d	Silver	7440-22-4	mg/L	10/17/2018	n/a	0.0005	ND	
MW-66	d	Thallium	7440-28-0	mg/L	10/17/2018	n/a	0.002	ND	
MW-66	d	Vanadium	7440-62-2	mg/L	10/17/2018	n/a	0.005	ND	
MW-66	d	Zinc	7440-66-6	mg/L	10/17/2018	n/a	0.02	ND	
MW-66	d	Acetone	67-64-1	ug/L	10/17/2018	3.1	10	J	4.08
MW-66	d	Acrylonitrile	107-13-1	ug/L	10/17/2018	n/a	10	ND	
MW-66	d	Benzene	71-43-2	ug/L	10/17/2018	n/a	0.5	ND	
MW-66	d	Bromochloromethane	74-97-5	ug/L	10/17/2018	n/a	5	ND	
MW-66	d	Bromodichloromethane	75-27-4	ug/L	10/17/2018	n/a	1	ND	
MW-66	d	Bromoform	75-25-2	ug/L	10/17/2018	n/a	5	ND	
MW-66	d	Carbon disulfide	75-15-0	ug/L	10/17/2018	n/a	1	ND	
MW-66	d	Carbon Tetrachloride	56-23-5	ug/L	10/17/2018	n/a	2	ND	
MW-66	d	Chlorobenzene	108-90-7	ug/L	10/17/2018	n/a	1	ND	
MW-66	d	Chloroethane	75-00-3	ug/L	10/17/2018	n/a	4	ND	
MW-66	d	Chloroform	67-66-3	ug/L	10/17/2018	n/a	3	ND	
MW-66	d	Chlorodibromomethane	124-48-1	ug/L	10/17/2018	n/a	5	ND	
MW-66	d	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	10/17/2018	n/a	1.2	ND	
MW-66	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	10/17/2018	n/a	0.34	ND	
MW-66	d	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	10/17/2018	n/a	10	ND	
MW-66	d	1,1-Dichloroethane	75-34-3	ug/L	10/17/2018	n/a	1	ND	
MW-66	d	1,2-Dichloroethane	107-06-2	ug/L	10/17/2018	n/a	1	ND	
MW-66	d	1,1-Dichloroethene	75-35-4	ug/L	10/17/2018	n/a	2	ND	
MW-66	d	cis-1,2-Dichloroethene	156-59-2	ug/L	10/17/2018	n/a	1	ND	
MW-66	d	trans-1,2-Dichloroethene	156-60-5	ug/L	10/17/2018	n/a	1	ND	
MW-66	d	1,2-Dichloropropane	78-87-5	ug/L	10/17/2018	n/a	1	ND	
MW-66	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	10/17/2018	n/a	5	ND	
MW-66	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	10/17/2018	n/a	5	ND	
MW-66	d	1,2-Dichlorobenzene	95-50-1	ug/L	10/17/2018	n/a	1	ND	
MW-66	d	1,4-Dichlorobenzene	106-46-7	ug/L	10/17/2018	n/a	1	ND	
MW-66	d	Ethylbenzene	100-41-4	ug/L	10/17/2018	n/a	1	ND	
MW-66	d	2-Hexanone	591-78-6	ug/L	10/17/2018	n/a	10	ND	
MW-66	d	Bromomethane	74-83-9	ug/L	10/17/2018	n/a	4	ND	
MW-66	d	Chloromethane	74-87-3	ug/L	10/17/2018	n/a	3	ND	
MW-66	d	2-Butanone	78-93-3	ug/L	10/17/2018	n/a	10	ND	
MW-66	d	Iodomethane	74-88-4	ug/L	10/17/2018	n/a	10	ND	
MW-66	d	4-Methyl-2-pentanone	108-10-1	ug/L	10/17/2018	n/a	10	ND	
MW-66	d	Methylene Chloride	75-09-2	ug/L	10/17/2018	n/a	5	ND	
MW-66	d	Styrene	100-42-5	ug/L	10/17/2018	n/a	1	ND	
MW-66	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	10/17/2018	n/a	1	ND	

Table 9B
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Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-66	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	10/17/2018	n/a	1	ND	
MW-66	d	Tetrachloroethene	127-18-4	ug/L	10/17/2018	n/a	1	ND	
MW-66	d	Toluene	108-88-3	ug/L	10/17/2018	n/a	1	ND	
MW-66	d	1,1,1-Trichloroethane	71-55-6	ug/L	10/17/2018	n/a	1	ND	
MW-66	d	1,1,2-Trichloroethane	79-00-5	ug/L	10/17/2018	n/a	1	ND	
MW-66	d	Trichloroethene	79-01-6	ug/L	10/17/2018	n/a	1	ND	
MW-66	d	Trichlorofluoromethane	75-69-4	ug/L	10/17/2018	n/a	4	ND	
MW-66	d	1,2,3-Trichloropropane	96-18-4	ug/L	10/17/2018	n/a	1	ND	
MW-66	d	Vinyl acetate	108-05-4	ug/L	10/17/2018	n/a	10	ND	
MW-66	d	Vinyl chloride	75-01-4	ug/L	10/17/2018	n/a	1	ND	
MW-66	d	Xylenes, total	1330-20-7	ug/L	10/17/2018	n/a	3	ND	
MW-66	d	Methylene Bromide	74-95-3	ug/L	10/17/2018	n/a	1	ND	
MW-66	d	Total Suspended Solids	TSS	mg/L	10/17/2018	0.638	1.88		2.38
#REF!	#REF!	#REF!	#REF!	#REF!	#REF!	#REF!	#REF!		#REF!
#REF!	#REF!	#REF!	#REF!	#REF!	#REF!	#REF!	#REF!		#REF!
#REF!	#REF!	#REF!	#REF!	#REF!	#REF!	#REF!	#REF!		#REF!
MW-36	d	Boron	7440-42-8	mg/L	5/15/2019	n/a	0.2	ND	
MW-36	d	Total Suspended Solids	TSS	mg/L	5/15/2019	1.28	3.75		72.8
MW-37	d	Antimony	7440-36-0	mg/L	5/15/2019	n/a	0.003	ND	
MW-37	d	Arsenic	7440-38-2	mg/L	5/15/2019	0.000232	0.001		0.00246
MW-37	d	Barium	7440-39-3	mg/L	5/15/2019	0.00073	0.0025		0.328
MW-37	d	Beryllium	7440-41-7	mg/L	5/15/2019	n/a	0.001	ND	
MW-37	d	Cadmium	7440-43-9	mg/L	5/15/2019	n/a	0.0005	ND	
MW-37	d	Chromium	7440-47-3	mg/L	5/15/2019	0.00114	0.005	J	0.00173
MW-37	d	Cobalt	7440-48-4	mg/L	5/15/2019	0.000402	0.001		0.00119
MW-37	d	Copper	7440-50-8	mg/L	5/15/2019	0.000497	0.002		0.00218
MW-37	d	Lead	7439-92-1	mg/L	5/15/2019	0.000186	0.0005		0.00141
MW-37	d	Nickel	7440-02-0	mg/L	5/15/2019	0.000625	0.002		0.00725
MW-37	d	Selenium	7782-49-2	mg/L	5/15/2019	n/a	0.0025	ND	
MW-37	d	Silver	7440-22-4	mg/L	5/15/2019	n/a	0.0005	ND	
MW-37	d	Thallium	7440-28-0	mg/L	5/15/2019	n/a	0.002	ND	
MW-37	d	Vanadium	7440-62-2	mg/L	5/15/2019	0.00215	0.005	J	0.00405
MW-37	d	Zinc	7440-66-6	mg/L	5/15/2019	0.00692	0.02	B	0.0217
MW-37	d	Acetone	67-64-1	ug/L	5/15/2019	n/a	10	ND	
MW-37	d	Acrylonitrile	107-13-1	ug/L	5/15/2019	n/a	10	ND	
MW-37	d	Benzene	71-43-2	ug/L	5/15/2019	n/a	0.5	ND	
MW-37	d	Bromochloromethane	74-97-5	ug/L	5/15/2019	n/a	5	ND	
MW-37	d	Bromodichloromethane	75-27-4	ug/L	5/15/2019	n/a	1	ND	
MW-37	d	Bromoform	75-25-2	ug/L	5/15/2019	n/a	5	ND	
MW-37	d	Carbon disulfide	75-15-0	ug/L	5/15/2019	n/a	1	ND	
MW-37	d	Carbon Tetrachloride	56-23-5	ug/L	5/15/2019	n/a	2	ND	
MW-37	d	Chlorobenzene	108-90-7	ug/L	5/15/2019	n/a	1	ND	
MW-37	d	Chloroethane	75-00-3	ug/L	5/15/2019	n/a	4	ND	
MW-37	d	Chloroform	67-66-3	ug/L	5/15/2019	n/a	3	ND	
MW-37	d	Chlorodibromomethane	124-48-1	ug/L	5/15/2019	n/a	5	ND	
MW-37	d	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	5/15/2019	n/a	1.2	ND	
MW-37	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	5/15/2019	n/a	0.34	ND	
MW-37	d	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	5/15/2019	n/a	10	ND	
MW-37	d	1,1-Dichloroethane	75-34-3	ug/L	5/15/2019	n/a	1	ND	
MW-37	d	1,2-Dichloroethane	107-06-2	ug/L	5/15/2019	n/a	1	ND	
MW-37	d	1,1-Dichloroethene	75-35-4	ug/L	5/15/2019	n/a	2	ND	
MW-37	d	cis-1,2-Dichloroethene	156-59-2	ug/L	5/15/2019	n/a	1	ND	
MW-37	d	trans-1,2-Dichloroethene	156-60-5	ug/L	5/15/2019	n/a	1	ND	
MW-37	d	1,2-Dichloropropane	78-87-5	ug/L	5/15/2019	n/a	1	ND	
MW-37	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	5/15/2019	n/a	5	ND	
MW-37	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	5/15/2019	n/a	5	ND	
MW-37	d	1,2-Dichlorobenzene	95-50-1	ug/L	5/15/2019	n/a	1	ND	
MW-37	d	1,4-Dichlorobenzene	106-46-7	ug/L	5/15/2019	n/a	1	ND	
MW-37	d	Ethylbenzene	100-41-4	ug/L	5/15/2019	n/a	1	ND	
MW-37	d	2-Hexanone	591-78-6	ug/L	5/15/2019	n/a	10	ND	
MW-37	d	Bromomethane	74-83-9	ug/L	5/15/2019	n/a	4	ND	
MW-37	d	Chloromethane	74-87-3	ug/L	5/15/2019	n/a	3	ND	
MW-37	d	2-Butanone	78-93-3	ug/L	5/15/2019	n/a	10	ND	
MW-37	d	Iodomethane	74-88-4	ug/L	5/15/2019	n/a	10	ND*	

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Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-37	d	4-Methyl-2-pentanone	108-10-1	ug/L	5/15/2019	n/a	10	ND	
MW-37	d	Methylene Chloride	75-09-2	ug/L	5/15/2019	n/a	5	ND	
MW-37	d	Styrene	100-42-5	ug/L	5/15/2019	n/a	1	ND	
MW-37	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	5/15/2019	n/a	1	ND	
MW-37	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	5/15/2019	n/a	1	ND	
MW-37	d	Tetrachloroethene	127-18-4	ug/L	5/15/2019	n/a	1	ND	
MW-37	d	Toluene	108-88-3	ug/L	5/15/2019	n/a	1	ND	
MW-37	d	1,1,1-Trichloroethane	71-55-6	ug/L	5/15/2019	n/a	1	ND	
MW-37	d	1,1,2-Trichloroethane	79-00-5	ug/L	5/15/2019	n/a	1	ND	
MW-37	d	Trichloroethene	79-01-6	ug/L	5/15/2019	n/a	1	ND	
MW-37	d	Trichlorofluoromethane	75-69-4	ug/L	5/15/2019	n/a	4	ND	
MW-37	d	1,2,3-Trichloropropane	96-18-4	ug/L	5/15/2019	n/a	1	ND	
MW-37	d	Vinyl acetate	108-05-4	ug/L	5/15/2019	n/a	10	ND	
MW-37	d	Vinyl chloride	75-01-4	ug/L	5/15/2019	n/a	1	ND	
MW-37	d	Xylenes, total	1330-20-7	ug/L	5/15/2019	n/a	3	ND	
MW-37	d	Methylene Bromide	74-95-3	ug/L	5/15/2019	n/a	1	ND	
MW-37	d	Total Suspended Solids	TSS	mg/L	5/15/2019	2.55	7.5		45.5
MW-49R	u	Antimony	7440-36-0	mg/L	5/15/2019	n/a	0.003	ND	
MW-49R	u	Arsenic	7440-38-2	mg/L	5/15/2019	0.000232	0.001	J	0.000711
MW-49R	u	Barium	7440-39-3	mg/L	5/15/2019	0.00073	0.0025		0.211
MW-49R	u	Beryllium	7440-41-7	mg/L	5/15/2019	n/a	0.001	ND	
MW-49R	u	Cadmium	7440-43-9	mg/L	5/15/2019	n/a	0.0005	ND	
MW-49R	u	Chromium	7440-47-3	mg/L	5/15/2019	0.00114	0.005	J	0.0036
MW-49R	u	Cobalt	7440-48-4	mg/L	5/15/2019	n/a	0.001	ND	
MW-49R	u	Copper	7440-50-8	mg/L	5/15/2019	0.000497	0.002		0.0704
MW-49R	u	Lead	7439-92-1	mg/L	5/15/2019	0.000186	0.0005		0.00138
MW-49R	u	Nickel	7440-02-0	mg/L	5/15/2019	0.000625	0.002		0.00237
MW-49R	u	Selenium	7782-49-2	mg/L	5/15/2019	n/a	0.0025	ND	
MW-49R	u	Silver	7440-22-4	mg/L	5/15/2019	n/a	0.0005	ND	
MW-49R	u	Thallium	7440-28-0	mg/L	5/15/2019	n/a	0.002	ND	
MW-49R	u	Vanadium	7440-62-2	mg/L	5/15/2019	n/a	0.005	ND	
MW-49R	u	Zinc	7440-66-6	mg/L	5/15/2019	0.00692	0.02	B	0.0567
MW-49R	u	Acetone	67-64-1	ug/L	5/15/2019	n/a	10	ND	
MW-49R	u	Acrylonitrile	107-13-1	ug/L	5/15/2019	n/a	10	ND	
MW-49R	u	Benzene	71-43-2	ug/L	5/15/2019	n/a	0.5	ND	
MW-49R	u	Bromochloromethane	74-97-5	ug/L	5/15/2019	n/a	5	ND	
MW-49R	u	Bromodichloromethane	75-27-4	ug/L	5/15/2019	n/a	1	ND	
MW-49R	u	Bromoform	75-25-2	ug/L	5/15/2019	n/a	5	ND	
MW-49R	u	Carbon disulfide	75-15-0	ug/L	5/15/2019	n/a	1	ND	
MW-49R	u	Carbon tetrachloride	56-23-5	ug/L	5/15/2019	n/a	2	ND	
MW-49R	u	Chlorobenzene	108-90-7	ug/L	5/15/2019	n/a	1	ND	
MW-49R	u	Chloroethane	75-00-3	ug/L	5/15/2019	n/a	4	ND	
MW-49R	u	Chloroform	67-66-3	ug/L	5/15/2019	n/a	3	ND	
MW-49R	u	Chlorodibromomethane	124-48-1	ug/L	5/15/2019	n/a	5	ND	
MW-49R	u	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	5/15/2019	n/a	1.2	ND	
MW-49R	u	1,2-Dibromoethane [EDB]	106-93-4	ug/L	5/15/2019	n/a	0.34	ND	
MW-49R	u	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	5/15/2019	n/a	10	ND	
MW-49R	u	1,1-Dichloroethane	75-34-3	ug/L	5/15/2019	n/a	1	ND	
MW-49R	u	1,2-Dichloroethane	107-06-2	ug/L	5/15/2019	n/a	1	ND	
MW-49R	u	1,1-Dichloroethene	75-35-4	ug/L	5/15/2019	n/a	2	ND	
MW-49R	u	cis-1,2-Dichloroethene	156-59-2	ug/L	5/15/2019	0.21	1	J	0.547
MW-49R	u	trans-1,2-Dichloroethene	156-60-5	ug/L	5/15/2019	n/a	1	ND	
MW-49R	u	1,2-Dichloropropane	78-87-5	ug/L	5/15/2019	n/a	1	ND	
MW-49R	u	cis-1,3-Dichloropropene	10061-01-5	ug/L	5/15/2019	n/a	5	ND	
MW-49R	u	trans-1,3-Dichloropropene	10061-02-6	ug/L	5/15/2019	n/a	5	ND	
MW-49R	u	1,2-Dichlorobenzene	95-50-1	ug/L	5/15/2019	n/a	1	ND	
MW-49R	u	1,4-Dichlorobenzene	106-46-7	ug/L	5/15/2019	n/a	1	ND	
MW-49R	u	Ethylbenzene	100-41-4	ug/L	5/15/2019	n/a	1	ND	
MW-49R	u	2-Hexanone	591-78-6	ug/L	5/15/2019	n/a	10	ND	
MW-49R	u	Bromomethane	74-83-9	ug/L	5/15/2019	n/a	4	ND	
MW-49R	u	Chloromethane	74-87-3	ug/L	5/15/2019	n/a	3	ND	
MW-49R	u	2-Butanone	78-93-3	ug/L	5/15/2019	n/a	10	ND	
MW-49R	u	Iodomethane	74-88-4	ug/L	5/15/2019	n/a	10	ND*	
MW-49R	u	4-Methyl-2-pentanone	108-10-1	ug/L	5/15/2019	n/a	10	ND	

Table 9B
Analytical Data Summary - Former CWTS
2024 Annual Water Quality Report
Phase II MSWLF and CWTS
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-49R	u	Methylene Chloride	75-09-2	ug/L	5/15/2019	n/a	5	ND	
MW-49R	u	Styrene	100-42-5	ug/L	5/15/2019	n/a	1	ND	
MW-49R	u	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	5/15/2019	n/a	1	ND	
MW-49R	u	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	5/15/2019	n/a	1	ND	
MW-49R	u	Tetrachloroethene	127-18-4	ug/L	5/15/2019	n/a	1	ND	
MW-49R	u	Toluene	108-88-3	ug/L	5/15/2019	n/a	1	ND	
MW-49R	u	1,1,1-Trichloroethane	71-55-6	ug/L	5/15/2019	n/a	1	ND	
MW-49R	u	1,1,2-Trichloroethane	79-00-5	ug/L	5/15/2019	n/a	1	ND	
MW-49R	u	Trichloroethene	79-01-6	ug/L	5/15/2019	n/a	1	ND	
MW-49R	u	Trichlorofluoromethane	75-69-4	ug/L	5/15/2019	n/a	4	ND	
MW-49R	u	1,2,3-Trichloropropane	96-18-4	ug/L	5/15/2019	n/a	1	ND	
MW-49R	u	Vinyl acetate	108-05-4	ug/L	5/15/2019	n/a	10	ND	
MW-49R	u	Vinyl chloride	75-01-4	ug/L	5/15/2019	n/a	1	ND	
MW-49R	u	Xylenes, total	1330-20-7	ug/L	5/15/2019	n/a	3	ND	
MW-49R	u	Methylene Bromide	74-95-3	ug/L	5/15/2019	n/a	1	ND	
MW-49R	u	Bis[2-ethylhexyl]phthalate	117-81-7	ug/L	5/15/2019	n/a	10.3	ND	
MW-49R	u	Total Suspended Solids	TSS	mg/L	5/15/2019	0.638	1.88		20.4
MW-66	d	Antimony	7440-36-0	mg/L	5/15/2019	n/a	0.003	ND	
MW-66	d	Arsenic	7440-38-2	mg/L	5/15/2019	0.000232	0.001		0.00405
MW-66	d	Barium	7440-39-3	mg/L	5/15/2019	0.00073	0.0025		0.0336
MW-66	d	Beryllium	7440-41-7	mg/L	5/15/2019	n/a	0.001	ND	
MW-66	d	Cadmium	7440-43-9	mg/L	5/15/2019	0.000167	0.0005	J	0.000182
MW-66	d	Chromium	7440-47-3	mg/L	5/15/2019	n/a	0.005	ND	
MW-66	d	Cobalt	7440-48-4	mg/L	5/15/2019	0.000402	0.001		0.0579
MW-66	d	Copper	7440-50-8	mg/L	5/15/2019	0.000497	0.002	J	0.00072
MW-66	d	Lead	7439-92-1	mg/L	5/15/2019	0.000186	0.0005		0.000596
MW-66	d	Nickel	7440-02-0	mg/L	5/15/2019	0.000625	0.002		0.0471
MW-66	d	Selenium	7782-49-2	mg/L	5/15/2019	n/a	0.0025	ND	
MW-66	d	Silver	7440-22-4	mg/L	5/15/2019	n/a	0.0005	ND	
MW-66	d	Thallium	7440-28-0	mg/L	5/15/2019	n/a	0.002	ND	
MW-66	d	Vanadium	7440-62-2	mg/L	5/15/2019	n/a	0.005	ND	
MW-66	d	Zinc	7440-66-6	mg/L	5/15/2019	0.00692	0.02	B	0.0497
MW-66	d	Acetone	67-64-1	ug/L	5/15/2019	n/a	10	ND	
MW-66	d	Acrylonitrile	107-13-1	ug/L	5/15/2019	n/a	10	ND	
MW-66	d	Benzene	71-43-2	ug/L	5/15/2019	n/a	0.5	ND	
MW-66	d	Bromochloromethane	74-97-5	ug/L	5/15/2019	n/a	5	ND	
MW-66	d	Bromodichloromethane	75-27-4	ug/L	5/15/2019	n/a	1	ND	
MW-66	d	Bromoform	75-25-2	ug/L	5/15/2019	n/a	5	ND	
MW-66	d	Carbon disulfide	75-15-0	ug/L	5/15/2019	n/a	1	ND	
MW-66	d	Carbon tetrachloride	56-23-5	ug/L	5/15/2019	n/a	2	ND	
MW-66	d	Chlorobenzene	108-90-7	ug/L	5/15/2019	n/a	1	ND	
MW-66	d	Chloroethane	75-00-3	ug/L	5/15/2019	n/a	4	ND	
MW-66	d	Chloroform	67-66-3	ug/L	5/15/2019	n/a	3	ND	
MW-66	d	Chlorodibromomethane	124-48-1	ug/L	5/15/2019	n/a	5	ND	
MW-66	d	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	5/15/2019	n/a	1.2	ND	
MW-66	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	5/15/2019	n/a	0.34	ND	
MW-66	d	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	5/15/2019	n/a	10	ND	
MW-66	d	1,1-Dichloroethane	75-34-3	ug/L	5/15/2019	n/a	1	ND	
MW-66	d	1,2-Dichloroethane	107-06-2	ug/L	5/15/2019	n/a	1	ND	
MW-66	d	1,1-Dichloroethene	75-35-4	ug/L	5/15/2019	n/a	2	ND	
MW-66	d	cis-1,2-Dichloroethene	156-59-2	ug/L	5/15/2019	n/a	1	ND	
MW-66	d	trans-1,2-Dichloroethene	156-60-5	ug/L	5/15/2019	n/a	1	ND	
MW-66	d	1,2-Dichloropropane	78-87-5	ug/L	5/15/2019	n/a	1	ND	
MW-66	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	5/15/2019	n/a	5	ND	
MW-66	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	5/15/2019	n/a	5	ND	
MW-66	d	1,2-Dichlorobenzene	95-50-1	ug/L	5/15/2019	n/a	1	ND	
MW-66	d	1,4-Dichlorobenzene	106-46-7	ug/L	5/15/2019	n/a	1	ND	
MW-66	d	Ethylbenzene	100-41-4	ug/L	5/15/2019	n/a	1	ND	
MW-66	d	2-Hexanone	591-78-6	ug/L	5/15/2019	n/a	10	ND	
MW-66	d	Bromomethane	74-83-9	ug/L	5/15/2019	n/a	4	ND	
MW-66	d	Chloromethane	74-87-3	ug/L	5/15/2019	n/a	3	ND	
MW-66	d	2-Butanone	78-93-3	ug/L	5/15/2019	n/a	10	ND	
MW-66	d	Iodomethane	74-88-4	ug/L	5/15/2019	n/a	10	ND*	
MW-66	d	4-Methyl-2-pentanone	108-10-1	ug/L	5/15/2019	n/a	10	ND	

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Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-66	d	Methylene Chloride	75-09-2	ug/L	5/15/2019	n/a	5	ND	
MW-66	d	Styrene	100-42-5	ug/L	5/15/2019	n/a	1	ND	
MW-66	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	5/15/2019	n/a	1	ND	
MW-66	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	5/15/2019	n/a	1	ND	
MW-66	d	Tetrachloroethene	127-18-4	ug/L	5/15/2019	n/a	1	ND	
MW-66	d	Toluene	108-88-3	ug/L	5/15/2019	n/a	1	ND	
MW-66	d	1,1,1-Trichloroethane	71-55-6	ug/L	5/15/2019	n/a	1	ND	
MW-66	d	1,1,2-Trichloroethane	79-00-5	ug/L	5/15/2019	n/a	1	ND	
MW-66	d	Trichloroethene	79-01-6	ug/L	5/15/2019	n/a	1	ND	
MW-66	d	Trichlorofluoromethane	75-69-4	ug/L	5/15/2019	n/a	4	ND	
MW-66	d	1,2,3-Trichloropropane	96-18-4	ug/L	5/15/2019	n/a	1	ND	
MW-66	d	Vinyl acetate	108-05-4	ug/L	5/15/2019	n/a	10	ND	
MW-66	d	Vinyl chloride	75-01-4	ug/L	5/15/2019	n/a	1	ND	
MW-66	d	Xylenes, total	1330-20-7	ug/L	5/15/2019	n/a	3	ND	
MW-66	d	Methylene Bromide	74-95-3	ug/L	5/15/2019	n/a	1	ND	
MW-66	d	Total Suspended Solids	TSS	mg/L	5/15/2019	10.2	30		84
MW-66	d	Cobalt	7440-48-4	mg/L	8/1/2019	0.000091	0.0005	J	0.000488
MW-36	d	Boron	7440-42-8	mg/L	9/9/2019	0.11	0.2		0.359
MW-36	d	Total Suspended Solids	TSS	mg/L	9/9/2019	0.85	2.5		33.5
MW-37	d	Antimony	7440-36-0	mg/L	9/9/2019	n/a	0.001	ND	
MW-37	d	Arsenic	7440-38-2	mg/L	9/9/2019	0.00075	0.002	J	0.00174
MW-37	d	Barium	7440-39-3	mg/L	9/9/2019	0.00084	0.002		0.331
MW-37	d	Beryllium	7440-41-7	mg/L	9/9/2019	n/a	0.001	ND	
MW-37	d	Cadmium	7440-43-9	mg/L	9/9/2019	n/a	0.0001	ND	
MW-37	d	Chromium	7440-47-3	mg/L	9/9/2019	n/a	0.005	ND	
MW-37	d	Cobalt	7440-48-4	mg/L	9/9/2019	0.000091	0.0005		0.00253
MW-37	d	Copper	7440-50-8	mg/L	9/9/2019	n/a	0.005	ND	
MW-37	d	Lead	7439-92-1	mg/L	9/9/2019	n/a	0.0005	ND	
MW-37	d	Nickel	7440-02-0	mg/L	9/9/2019	0.0017	0.005		0.01
MW-37	d	Selenium	7782-49-2	mg/L	9/9/2019	n/a	0.005	ND	
MW-37	d	Silver	7440-22-4	mg/L	9/9/2019	n/a	0.001	ND	
MW-37	d	Thallium	7440-28-0	mg/L	9/9/2019	n/a	0.001	ND	
MW-37	d	Vanadium	7440-62-2	mg/L	9/9/2019	n/a	0.005	ND	
MW-37	d	Zinc	7440-66-6	mg/L	9/9/2019	0.01	0.02	J	0.0121
MW-37	d	Acetone	67-64-1	ug/L	9/9/2019	n/a	10	ND	
MW-37	d	Acrylonitrile	107-13-1	ug/L	9/9/2019	n/a	10	ND	
MW-37	d	Benzene	71-43-2	ug/L	9/9/2019	n/a	0.5	ND	
MW-37	d	Bromochloromethane	74-97-5	ug/L	9/9/2019	n/a	5	ND	
MW-37	d	Bromodichloromethane	75-27-4	ug/L	9/9/2019	n/a	1	ND	
MW-37	d	Bromoform	75-25-2	ug/L	9/9/2019	n/a	5	ND	
MW-37	d	Carbon disulfide	75-15-0	ug/L	9/9/2019	n/a	1	ND	
MW-37	d	Carbon Tetrachloride	56-23-5	ug/L	9/9/2019	n/a	2	ND	
MW-37	d	Chlorobenzene	108-90-7	ug/L	9/9/2019	n/a	1	ND	
MW-37	d	Chloroethane	75-00-3	ug/L	9/9/2019	n/a	4	ND	
MW-37	d	Chloroform	67-66-3	ug/L	9/9/2019	n/a	3	ND	
MW-37	d	Chlorodibromomethane	124-48-1	ug/L	9/9/2019	n/a	5	ND	
MW-37	d	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	9/9/2019	n/a	1.2	ND	
MW-37	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	9/9/2019	n/a	0.34	ND	
MW-37	d	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	9/9/2019	n/a	10	ND	
MW-37	d	1,1-Dichloroethane	75-34-3	ug/L	9/9/2019	n/a	1	ND	
MW-37	d	1,2-Dichloroethane	107-06-2	ug/L	9/9/2019	n/a	1	ND	
MW-37	d	1,1-Dichloroethene	75-35-4	ug/L	9/9/2019	n/a	2	ND	
MW-37	d	cis-1,2-Dichloroethene	156-59-2	ug/L	9/9/2019	n/a	1	ND	
MW-37	d	trans-1,2-Dichloroethene	156-60-5	ug/L	9/9/2019	n/a	1	ND	
MW-37	d	1,2-Dichloropropane	78-87-5	ug/L	9/9/2019	n/a	1	ND	
MW-37	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	9/9/2019	n/a	5	ND	
MW-37	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	9/9/2019	n/a	5	ND	
MW-37	d	1,2-Dichlorobenzene	95-50-1	ug/L	9/9/2019	n/a	1	ND	
MW-37	d	1,4-Dichlorobenzene	106-46-7	ug/L	9/9/2019	n/a	1	ND	
MW-37	d	Ethylbenzene	100-41-4	ug/L	9/9/2019	n/a	1	ND	
MW-37	d	2-Hexanone	591-78-6	ug/L	9/9/2019	n/a	10	ND	
MW-37	d	Bromomethane	74-83-9	ug/L	9/9/2019	n/a	4	ND	
MW-37	d	Chloromethane	74-87-3	ug/L	9/9/2019	n/a	3	ND	
MW-37	d	2-Butanone	78-93-3	ug/L	9/9/2019	n/a	10	ND	

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Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-37	d	Iodomethane	74-88-4	ug/L	9/9/2019	n/a	10	ND	
MW-37	d	4-Methyl-2-pentanone	108-10-1	ug/L	9/9/2019	n/a	10	ND	
MW-37	d	Methylene Chloride	75-09-2	ug/L	9/9/2019	n/a	5	ND	
MW-37	d	Styrene	100-42-5	ug/L	9/9/2019	n/a	1	ND	
MW-37	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	9/9/2019	n/a	1	ND	
MW-37	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	9/9/2019	n/a	1	ND	
MW-37	d	Tetrachloroethene	127-18-4	ug/L	9/9/2019	n/a	1	ND	
MW-37	d	Toluene	108-88-3	ug/L	9/9/2019	n/a	1	ND	
MW-37	d	1,1,1-Trichloroethane	71-55-6	ug/L	9/9/2019	n/a	1	ND	
MW-37	d	1,1,2-Trichloroethane	79-00-5	ug/L	9/9/2019	n/a	1	ND	
MW-37	d	Trichloroethene	79-01-6	ug/L	9/9/2019	n/a	1	ND	
MW-37	d	Trichlorofluoromethane	75-69-4	ug/L	9/9/2019	n/a	4	ND	
MW-37	d	1,2,3-Trichloropropane	96-18-4	ug/L	9/9/2019	n/a	1	ND	
MW-37	d	Vinyl acetate	108-05-4	ug/L	9/9/2019	n/a	10	ND	
MW-37	d	Vinyl chloride	75-01-4	ug/L	9/9/2019	n/a	1	ND	
MW-37	d	Xylenes, total	1330-20-7	ug/L	9/9/2019	n/a	3	ND	
MW-37	d	Methylene Bromide	74-95-3	ug/L	9/9/2019	n/a	1	ND	
MW-37	d	Total Suspended Solids	TSS	mg/L	9/9/2019	0.638	1.88		9.12
MW-49R	u	Acetone	67-64-1	ug/L	9/9/2019	n/a	10	ND	
MW-49R	u	Acrylonitrile	107-13-1	ug/L	9/9/2019	n/a	10	ND	
MW-49R	u	Benzene	71-43-2	ug/L	9/9/2019	n/a	0.5	ND	
MW-49R	u	Bromochloromethane	74-97-5	ug/L	9/9/2019	n/a	5	ND	
MW-49R	u	Bromodichloromethane	75-27-4	ug/L	9/9/2019	n/a	1	ND	
MW-49R	u	Bromoform	75-25-2	ug/L	9/9/2019	n/a	5	ND	
MW-49R	u	Carbon disulfide	75-15-0	ug/L	9/9/2019	n/a	1	ND	
MW-49R	u	Carbon Tetrachloride	56-23-5	ug/L	9/9/2019	n/a	2	ND	
MW-49R	u	Chlorobenzene	108-90-7	ug/L	9/9/2019	n/a	1	ND	
MW-49R	u	Chloroethane	75-00-3	ug/L	9/9/2019	n/a	4	ND	
MW-49R	u	Chloroform	67-66-3	ug/L	9/9/2019	n/a	3	ND	
MW-49R	u	Chlorodibromomethane	124-48-1	ug/L	9/9/2019	n/a	5	ND	
MW-49R	u	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	9/9/2019	n/a	1.2	ND	
MW-49R	u	1,2-Dibromoethane [EDB]	106-93-4	ug/L	9/9/2019	n/a	0.34	ND	
MW-49R	u	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	9/9/2019	n/a	10	ND	
MW-49R	u	1,1-Dichloroethane	75-34-3	ug/L	9/9/2019	n/a	1	ND	
MW-49R	u	1,2-Dichloroethane	107-06-2	ug/L	9/9/2019	n/a	1	ND	
MW-49R	u	1,1-Dichloroethene	75-35-4	ug/L	9/9/2019	n/a	2	ND	
MW-49R	u	cis-1,2-Dichloroethene	156-59-2	ug/L	9/9/2019	n/a	1	ND	
MW-49R	u	trans-1,2-Dichloroethene	156-60-5	ug/L	9/9/2019	n/a	1	ND	
MW-49R	u	1,2-Dichloropropane	78-87-5	ug/L	9/9/2019	n/a	1	ND	
MW-49R	u	cis-1,3-Dichloropropene	10061-01-5	ug/L	9/9/2019	n/a	5	ND	
MW-49R	u	trans-1,3-Dichloropropene	10061-02-6	ug/L	9/9/2019	n/a	5	ND	
MW-49R	u	1,2-Dichlorobenzene	95-50-1	ug/L	9/9/2019	n/a	1	ND	
MW-49R	u	1,4-Dichlorobenzene	106-46-7	ug/L	9/9/2019	n/a	1	ND	
MW-49R	u	Ethylbenzene	100-41-4	ug/L	9/9/2019	n/a	1	ND	
MW-49R	u	2-Hexanone	591-78-6	ug/L	9/9/2019	n/a	10	ND	
MW-49R	u	Bromomethane	74-83-9	ug/L	9/9/2019	n/a	4	ND	
MW-49R	u	Chloromethane	74-87-3	ug/L	9/9/2019	n/a	3	ND	
MW-49R	u	2-Butanone	78-93-3	ug/L	9/9/2019	n/a	10	ND	
MW-49R	u	Iodomethane	74-88-4	ug/L	9/9/2019	n/a	10	ND	
MW-49R	u	4-Methyl-2-pentanone	108-10-1	ug/L	9/9/2019	n/a	10	ND	
MW-49R	u	Methylene Chloride	75-09-2	ug/L	9/9/2019	n/a	5	ND	
MW-49R	u	Styrene	100-42-5	ug/L	9/9/2019	n/a	1	ND	
MW-49R	u	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	9/9/2019	n/a	1	ND	
MW-49R	u	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	9/9/2019	n/a	1	ND	
MW-49R	u	Tetrachloroethene	127-18-4	ug/L	9/9/2019	n/a	1	ND	
MW-49R	u	Toluene	108-88-3	ug/L	9/9/2019	n/a	1	ND	
MW-49R	u	1,1,1-Trichloroethane	71-55-6	ug/L	9/9/2019	n/a	1	ND	
MW-49R	u	1,1,2-Trichloroethane	79-00-5	ug/L	9/9/2019	n/a	1	ND	
MW-49R	u	Trichloroethene	79-01-6	ug/L	9/9/2019	n/a	1	ND	
MW-49R	u	Trichlorofluoromethane	75-69-4	ug/L	9/9/2019	n/a	4	ND	
MW-49R	u	1,2,3-Trichloropropane	96-18-4	ug/L	9/9/2019	n/a	1	ND	
MW-49R	u	Vinyl acetate	108-05-4	ug/L	9/9/2019	n/a	10	ND	
MW-49R	u	Vinyl chloride	75-01-4	ug/L	9/9/2019	n/a	1	ND	
MW-49R	u	Xylenes, total	1330-20-7	ug/L	9/9/2019	n/a	3	ND	

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Phase II MSWLF and CWTS
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-49R	u	Methylene Bromide	74-95-3	ug/L	9/9/2019	n/a	1	ND	
MW-49R	u	Bis[2-ethylhexyl]phthalate	117-81-7	ug/L	9/9/2019	n/a	10.2	ND	
MW-49R	u	Total Suspended Solids	TSS	mg/L	9/9/2019	0.638	1.88		4.62
MW-66	d	Antimony	7440-36-0	mg/L	9/9/2019	n/a	0.001	ND	
MW-66	d	Arsenic	7440-38-2	mg/L	9/9/2019	n/a	0.002	ND	
MW-66	d	Barium	7440-39-3	mg/L	9/9/2019	0.00084	0.002		0.017
MW-66	d	Beryllium	7440-41-7	mg/L	9/9/2019	n/a	0.001	ND	
MW-66	d	Cadmium	7440-43-9	mg/L	9/9/2019	n/a	0.0001	ND	
MW-66	d	Chromium	7440-47-3	mg/L	9/9/2019	n/a	0.005	ND	
MW-66	d	Cobalt	7440-48-4	mg/L	9/9/2019	0.000091	0.0005		0.00149
MW-66	d	Copper	7440-50-8	mg/L	9/9/2019	n/a	0.005	ND	
MW-66	d	Lead	7439-92-1	mg/L	9/9/2019	n/a	0.0005	ND	
MW-66	d	Nickel	7440-02-0	mg/L	9/9/2019	0.0017	0.005	J	0.00299
MW-66	d	Selenium	7782-49-2	mg/L	9/9/2019	n/a	0.005	ND	
MW-66	d	Silver	7440-22-4	mg/L	9/9/2019	n/a	0.001	ND	
MW-66	d	Thallium	7440-28-0	mg/L	9/9/2019	n/a	0.001	ND	
MW-66	d	Vanadium	7440-62-2	mg/L	9/9/2019	n/a	0.005	ND	
MW-66	d	Zinc	7440-66-6	mg/L	9/9/2019	n/a	0.02	ND	
MW-66	d	Acetone	67-64-1	ug/L	9/9/2019	n/a	10	ND	
MW-66	d	Acrylonitrile	107-13-1	ug/L	9/9/2019	n/a	10	ND	
MW-66	d	Benzene	71-43-2	ug/L	9/9/2019	n/a	0.5	ND	
MW-66	d	Bromochloromethane	74-97-5	ug/L	9/9/2019	n/a	5	ND	
MW-66	d	Bromodichloromethane	75-27-4	ug/L	9/9/2019	n/a	1	ND	
MW-66	d	Bromoform	75-25-2	ug/L	9/9/2019	n/a	5	ND	
MW-66	d	Carbon disulfide	75-15-0	ug/L	9/9/2019	n/a	1	ND	
MW-66	d	Carbon Tetrachloride	56-23-5	ug/L	9/9/2019	n/a	2	ND	
MW-66	d	Chlorobenzene	108-90-7	ug/L	9/9/2019	n/a	1	ND	
MW-66	d	Chloroethane	75-00-3	ug/L	9/9/2019	n/a	4	ND	
MW-66	d	Chloroform	67-66-3	ug/L	9/9/2019	n/a	3	ND	
MW-66	d	Chlorodibromomethane	124-48-1	ug/L	9/9/2019	n/a	5	ND	
MW-66	d	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	9/9/2019	n/a	1.2	ND	
MW-66	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	9/9/2019	n/a	0.34	ND	
MW-66	d	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	9/9/2019	n/a	10	ND	
MW-66	d	1,1-Dichloroethane	75-34-3	ug/L	9/9/2019	n/a	1	ND	
MW-66	d	1,2-Dichloroethane	107-06-2	ug/L	9/9/2019	n/a	1	ND	
MW-66	d	1,1-Dichloroethene	75-35-4	ug/L	9/9/2019	n/a	2	ND	
MW-66	d	cis-1,2-Dichloroethene	156-59-2	ug/L	9/9/2019	n/a	1	ND	
MW-66	d	trans-1,2-Dichloroethene	156-60-5	ug/L	9/9/2019	n/a	1	ND	
MW-66	d	1,2-Dichloropropane	78-87-5	ug/L	9/9/2019	n/a	1	ND	
MW-66	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	9/9/2019	n/a	5	ND	
MW-66	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	9/9/2019	n/a	5	ND	
MW-66	d	1,2-Dichlorobenzene	95-50-1	ug/L	9/9/2019	n/a	1	ND	
MW-66	d	1,4-Dichlorobenzene	106-46-7	ug/L	9/9/2019	n/a	1	ND	
MW-66	d	Ethylbenzene	100-41-4	ug/L	9/9/2019	n/a	1	ND	
MW-66	d	2-Hexanone	591-78-6	ug/L	9/9/2019	n/a	10	ND	
MW-66	d	Bromomethane	74-83-9	ug/L	9/9/2019	n/a	4	ND	
MW-66	d	Chloromethane	74-87-3	ug/L	9/9/2019	n/a	3	ND	
MW-66	d	2-Butanone	78-93-3	ug/L	9/9/2019	n/a	10	ND	
MW-66	d	Iodomethane	74-88-4	ug/L	9/9/2019	n/a	10	ND	
MW-66	d	4-Methyl-2-pentanone	108-10-1	ug/L	9/9/2019	n/a	10	ND	
MW-66	d	Methylene Chloride	75-09-2	ug/L	9/9/2019	n/a	5	ND	
MW-66	d	Styrene	100-42-5	ug/L	9/9/2019	n/a	1	ND	
MW-66	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	9/9/2019	n/a	1	ND	
MW-66	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	9/9/2019	n/a	1	ND	
MW-66	d	Tetrachloroethene	127-18-4	ug/L	9/9/2019	n/a	1	ND	
MW-66	d	Toluene	108-88-3	ug/L	9/9/2019	n/a	1	ND	
MW-66	d	1,1,1-Trichloroethane	71-55-6	ug/L	9/9/2019	n/a	1	ND	
MW-66	d	1,1,2-Trichloroethane	79-00-5	ug/L	9/9/2019	n/a	1	ND	
MW-66	d	Trichloroethene	79-01-6	ug/L	9/9/2019	n/a	1	ND	
MW-66	d	Trichlorofluoromethane	75-69-4	ug/L	9/9/2019	n/a	4	ND	
MW-66	d	1,2,3-Trichloropropane	96-18-4	ug/L	9/9/2019	n/a	1	ND	
MW-66	d	Vinyl acetate	108-05-4	ug/L	9/9/2019	n/a	10	ND	
MW-66	d	Vinyl chloride	75-01-4	ug/L	9/9/2019	n/a	1	ND	
MW-66	d	Xylenes, total	1330-20-7	ug/L	9/9/2019	n/a	3	ND	

Table 9B
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Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-66	d	Methylene Bromide	74-95-3	ug/L	9/9/2019	n/a	1	ND	
MW-66	d	Total Suspended Solids	TSS	mg/L	9/9/2019	0.638	1.88		2.38
MW-36	d	Boron	7440-42-8	mg/L	3/10/2020	0.042	0.2		0.226
MW-36	d	Total Suspended Solids	TSS	mg/L	3/10/2020	0.638	1.88		13
MW-49R	u	Antimony	7440-36-0	mg/L	3/10/2020	n/a	0.001	ND	
MW-49R	u	Arsenic	7440-38-2	mg/L	3/10/2020	n/a	0.002	ND	
MW-49R	u	Barium	7440-39-3	mg/L	3/10/2020	0.0009	0.002		0.226
MW-49R	u	Beryllium	7440-41-7	mg/L	3/10/2020	n/a	0.001	ND	
MW-49R	u	Cadmium	7440-43-9	mg/L	3/10/2020	n/a	0.0001	ND	
MW-49R	u	Chromium	7440-47-3	mg/L	3/10/2020	0.0011	0.005	J	0.00183
MW-49R	u	Cobalt	7440-48-4	mg/L	3/10/2020	n/a	0.0005	ND	
MW-49R	u	Copper	7440-50-8	mg/L	3/10/2020	n/a	0.005	ND	
MW-49R	u	Lead	7439-92-1	mg/L	3/10/2020	n/a	0.0005	ND	
MW-49R	u	Nickel	7440-02-0	mg/L	3/10/2020	n/a	0.005	ND	
MW-49R	u	Selenium	7782-49-2	mg/L	3/10/2020	n/a	0.005	ND	
MW-49R	u	Silver	7440-22-4	mg/L	3/10/2020	n/a	0.001	ND	
MW-49R	u	Thallium	7440-28-0	mg/L	3/10/2020	n/a	0.001	ND	
MW-49R	u	Vanadium	7440-62-2	mg/L	3/10/2020	0.00082	0.005	J	0.00128
MW-49R	u	Zinc	7440-66-6	mg/L	3/10/2020	n/a	0.02	ND	
MW-49R	u	Acetone	67-64-1	ug/L	3/10/2020	n/a	10	ND	
MW-49R	u	Acrylonitrile	107-13-1	ug/L	3/10/2020	n/a	10	ND	
MW-49R	u	Benzene	71-43-2	ug/L	3/10/2020	n/a	0.5	ND	
MW-49R	u	Bromochloromethane	74-97-5	ug/L	3/10/2020	n/a	5	ND	
MW-49R	u	Bromodichloromethane	75-27-4	ug/L	3/10/2020	n/a	1	ND	
MW-49R	u	Bromoform	75-25-2	ug/L	3/10/2020	n/a	5	ND	
MW-49R	u	Carbon disulfide	75-15-0	ug/L	3/10/2020	n/a	1	ND	
MW-49R	u	Carbon Tetrachloride	56-23-5	ug/L	3/10/2020	n/a	2	ND	
MW-49R	u	Chlorobenzene	108-90-7	ug/L	3/10/2020	n/a	1	ND	
MW-49R	u	Chloroethane	75-00-3	ug/L	3/10/2020	n/a	4	ND	
MW-49R	u	Chloroform	67-66-3	ug/L	3/10/2020	n/a	3	ND	
MW-49R	u	Chlorodibromomethane	124-48-1	ug/L	3/10/2020	n/a	5	ND	
MW-49R	u	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	3/10/2020	n/a	1.2	ND	
MW-49R	u	1,2-Dibromoethane [EDB]	106-93-4	ug/L	3/10/2020	n/a	0.34	ND	
MW-49R	u	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	3/10/2020	n/a	10	ND	
MW-49R	u	1,1-Dichloroethane	75-34-3	ug/L	3/10/2020	n/a	1	ND	
MW-49R	u	1,2-Dichloroethane	107-06-2	ug/L	3/10/2020	n/a	1	ND	
MW-49R	u	1,1-Dichloroethene	75-35-4	ug/L	3/10/2020	n/a	2	ND	
MW-49R	u	cis-1,2-Dichloroethene	156-59-2	ug/L	3/10/2020	n/a	1	ND	
MW-49R	u	trans-1,2-Dichloroethene	156-60-5	ug/L	3/10/2020	n/a	1	ND	
MW-49R	u	1,2-Dichloropropane	78-87-5	ug/L	3/10/2020	n/a	1	ND	
MW-49R	u	cis-1,3-Dichloropropene	10061-01-5	ug/L	3/10/2020	n/a	5	ND	
MW-49R	u	trans-1,3-Dichloropropene	10061-02-6	ug/L	3/10/2020	n/a	5	ND	
MW-49R	u	1,2-Dichlorobenzene	95-50-1	ug/L	3/10/2020	n/a	1	ND	
MW-49R	u	1,4-Dichlorobenzene	106-46-7	ug/L	3/10/2020	n/a	1	ND	
MW-49R	u	Ethylbenzene	100-41-4	ug/L	3/10/2020	n/a	1	ND	
MW-49R	u	2-Hexanone	591-78-6	ug/L	3/10/2020	n/a	10	ND	
MW-49R	u	Bromomethane	74-83-9	ug/L	3/10/2020	n/a	4	ND	
MW-49R	u	Chloromethane	74-87-3	ug/L	3/10/2020	n/a	3	ND	
MW-49R	u	2-Butanone	78-93-3	ug/L	3/10/2020	n/a	10	ND	
MW-49R	u	Iodomethane	74-88-4	ug/L	3/10/2020	n/a	10	ND	
MW-49R	u	4-Methyl-2-pentanone	108-10-1	ug/L	3/10/2020	n/a	10	ND	
MW-49R	u	Methylene Chloride	75-09-2	ug/L	3/10/2020	n/a	5	ND	
MW-49R	u	Styrene	100-42-5	ug/L	3/10/2020	n/a	1	ND	
MW-49R	u	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	3/10/2020	n/a	1	ND	
MW-49R	u	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	3/10/2020	n/a	1	ND	
MW-49R	u	Tetrachloroethene	127-18-4	ug/L	3/10/2020	n/a	1	ND	
MW-49R	u	Toluene	108-88-3	ug/L	3/10/2020	n/a	1	ND	
MW-49R	u	1,1,1-Trichloroethane	71-55-6	ug/L	3/10/2020	n/a	1	ND	
MW-49R	u	1,1,2-Trichloroethane	79-00-5	ug/L	3/10/2020	n/a	1	ND	
MW-49R	u	Trichloroethene	79-01-6	ug/L	3/10/2020	n/a	1	ND	
MW-49R	u	Trichlorofluoromethane	75-69-4	ug/L	3/10/2020	n/a	4	ND	
MW-49R	u	1,2,3-Trichloropropane	96-18-4	ug/L	3/10/2020	n/a	1	ND	
MW-49R	u	Vinyl acetate	108-05-4	ug/L	3/10/2020	n/a	10	ND	
MW-49R	u	Vinyl chloride	75-01-4	ug/L	3/10/2020	n/a	1	ND	

Table 9B
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Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-49R	u	Xylenes, total	1330-20-7	ug/L	3/10/2020	n/a	3	ND	
MW-49R	u	Methylene Bromide	74-95-3	ug/L	3/10/2020	n/a	1	ND	
MW-49R	u	Bis[2-ethylhexyl]phtalate	117-81-7	ug/L	3/10/2020	n/a	10.3	ND	
MW-49R	u	Total Suspended Solids	TSS	mg/L	3/10/2020	0.638	1.88		11.8
MW-66	d	Antimony	7440-36-0	mg/L	3/10/2020	n/a	0.001	ND	
MW-66	d	Arsenic	7440-38-2	mg/L	3/10/2020	n/a	0.002	ND	
MW-66	d	Barium	7440-39-3	mg/L	3/10/2020	0.0009	0.002		0.0194
MW-66	d	Beryllium	7440-41-7	mg/L	3/10/2020	n/a	0.001	ND	
MW-66	d	Cadmium	7440-43-9	mg/L	3/10/2020	0.000039	0.0001	J	0.000069
MW-66	d	Chromium	7440-47-3	mg/L	3/10/2020	n/a	0.005	ND	
MW-66	d	Cobalt	7440-48-4	mg/L	3/10/2020	0.000091	0.0005	J	0.000442
MW-66	d	Copper	7440-50-8	mg/L	3/10/2020	n/a	0.005	ND	
MW-66	d	Lead	7439-92-1	mg/L	3/10/2020	n/a	0.0005	ND	
MW-66	d	Nickel	7440-02-0	mg/L	3/10/2020	0.0019	0.005		0.0157
MW-66	d	Selenium	7782-49-2	mg/L	3/10/2020	n/a	0.005	ND	
MW-66	d	Silver	7440-22-4	mg/L	3/10/2020	n/a	0.001	ND	
MW-66	d	Thallium	7440-28-0	mg/L	3/10/2020	n/a	0.001	ND	
MW-66	d	Vanadium	7440-62-2	mg/L	3/10/2020	n/a	0.005	ND	
MW-66	d	Zinc	7440-66-6	mg/L	3/10/2020	0.01	0.02	J	0.0193
MW-66	d	Acetone	67-64-1	ug/L	3/10/2020	n/a	10	ND	
MW-66	d	Acrylonitrile	107-13-1	ug/L	3/10/2020	n/a	10	ND	
MW-66	d	Benzene	71-43-2	ug/L	3/10/2020	n/a	0.5	ND	
MW-66	d	Bromochloromethane	74-97-5	ug/L	3/10/2020	n/a	5	ND	
MW-66	d	Bromodichloromethane	75-27-4	ug/L	3/10/2020	n/a	1	ND	
MW-66	d	Bromoform	75-25-2	ug/L	3/10/2020	n/a	5	ND	
MW-66	d	Carbon disulfide	75-15-0	ug/L	3/10/2020	n/a	1	ND	
MW-66	d	Carbon Tetrachloride	56-23-5	ug/L	3/10/2020	n/a	2	ND	
MW-66	d	Chlorobenzene	108-90-7	ug/L	3/10/2020	n/a	1	ND	
MW-66	d	Chloroethane	75-00-3	ug/L	3/10/2020	n/a	4	ND	
MW-66	d	Chloroform	67-66-3	ug/L	3/10/2020	n/a	3	ND	
MW-66	d	Chlorodibromomethane	124-48-1	ug/L	3/10/2020	n/a	5	ND	
MW-66	d	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	3/10/2020	n/a	1.2	ND	
MW-66	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	3/10/2020	n/a	0.34	ND	
MW-66	d	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	3/10/2020	n/a	10	ND	
MW-66	d	1,1-Dichloroethane	75-34-3	ug/L	3/10/2020	n/a	1	ND	
MW-66	d	1,2-Dichloroethane	107-06-2	ug/L	3/10/2020	n/a	1	ND	
MW-66	d	1,1-Dichloroethene	75-35-4	ug/L	3/10/2020	n/a	2	ND	
MW-66	d	cis-1,2-Dichloroethene	156-59-2	ug/L	3/10/2020	n/a	1	ND	
MW-66	d	trans-1,2-Dichloroethene	156-60-5	ug/L	3/10/2020	n/a	1	ND	
MW-66	d	1,2-Dichloropropane	78-87-5	ug/L	3/10/2020	n/a	1	ND	
MW-66	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	3/10/2020	n/a	5	ND	
MW-66	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	3/10/2020	n/a	5	ND	
MW-66	d	1,2-Dichlorobenzene	95-50-1	ug/L	3/10/2020	n/a	1	ND	
MW-66	d	1,4-Dichlorobenzene	106-46-7	ug/L	3/10/2020	n/a	1	ND	
MW-66	d	Ethylbenzene	100-41-4	ug/L	3/10/2020	n/a	1	ND	
MW-66	d	2-Hexanone	591-78-6	ug/L	3/10/2020	n/a	10	ND	
MW-66	d	Bromomethane	74-83-9	ug/L	3/10/2020	n/a	4	ND	
MW-66	d	Chloromethane	74-87-3	ug/L	3/10/2020	n/a	3	ND	
MW-66	d	2-Butanone	78-93-3	ug/L	3/10/2020	n/a	10	ND	
MW-66	d	Iodomethane	74-88-4	ug/L	3/10/2020	n/a	10	ND	
MW-66	d	4-Methyl-2-pentanone	108-10-1	ug/L	3/10/2020	n/a	10	ND	
MW-66	d	Methylene Chloride	75-09-2	ug/L	3/10/2020	n/a	5	ND	
MW-66	d	Styrene	100-42-5	ug/L	3/10/2020	n/a	1	ND	
MW-66	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	3/10/2020	n/a	1	ND	
MW-66	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	3/10/2020	n/a	1	ND	
MW-66	d	Tetrachloroethene	127-18-4	ug/L	3/10/2020	n/a	1	ND	
MW-66	d	Toluene	108-88-3	ug/L	3/10/2020	n/a	1	ND	
MW-66	d	1,1,1-Trichloroethane	71-55-6	ug/L	3/10/2020	n/a	1	ND	
MW-66	d	1,1,2-Trichloroethane	79-00-5	ug/L	3/10/2020	n/a	1	ND	
MW-66	d	Trichloroethene	79-01-6	ug/L	3/10/2020	n/a	1	ND	
MW-66	d	Trichlorofluoromethane	75-69-4	ug/L	3/10/2020	n/a	4	ND	
MW-66	d	1,2,3-Trichloropropane	96-18-4	ug/L	3/10/2020	n/a	1	ND	
MW-66	d	Vinyl acetate	108-05-4	ug/L	3/10/2020	n/a	10	ND	
MW-66	d	Vinyl chloride	75-01-4	ug/L	3/10/2020	n/a	1	ND	

Table 9B
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Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-66	d	Xylenes, total	1330-20-7	ug/L	3/10/2020	n/a	3	ND	
MW-66	d	Methylene Bromide	74-95-3	ug/L	3/10/2020	n/a	1	ND	
MW-66	d	Total Suspended Solids	TSS	mg/L	3/10/2020	0.638	1.88		25.4
MW-37	d	Antimony	7440-36-0	mg/L	3/13/2020	n/a	0.001	ND	
MW-37	d	Arsenic	7440-38-2	mg/L	3/13/2020	0.00088	0.002		0.00234
MW-37	d	Barium	7440-39-3	mg/L	3/13/2020	0.0009	0.002		0.238
MW-37	d	Beryllium	7440-41-7	mg/L	3/13/2020	n/a	0.001	ND	
MW-37	d	Cadmium	7440-43-9	mg/L	3/13/2020	0.000039	0.0001		0.000172
MW-37	d	Chromium	7440-47-3	mg/L	3/13/2020	n/a	0.005	ND	
MW-37	d	Cobalt	7440-48-4	mg/L	3/13/2020	0.000091	0.0005		0.00236
MW-37	d	Copper	7440-50-8	mg/L	3/13/2020	n/a	0.005	ND	
MW-37	d	Lead	7439-92-1	mg/L	3/13/2020	0.00027	0.0005		0.00123
MW-37	d	Nickel	7440-02-0	mg/L	3/13/2020	0.0019	0.005		0.00606
MW-37	d	Selenium	7782-49-2	mg/L	3/13/2020	n/a	0.005	ND	
MW-37	d	Silver	7440-22-4	mg/L	3/13/2020	n/a	0.001	ND	
MW-37	d	Thallium	7440-28-0	mg/L	3/13/2020	n/a	0.001	ND	
MW-37	d	Vanadium	7440-62-2	mg/L	3/13/2020	0.00082	0.005	J	0.00181
MW-37	d	Zinc	7440-66-6	mg/L	3/13/2020	0.01	0.02	J	0.017
MW-37	d	Acetone	67-64-1	ug/L	3/13/2020	n/a	10	ND	
MW-37	d	Acrylonitrile	107-13-1	ug/L	3/13/2020	n/a	10	ND	
MW-37	d	Benzene	71-43-2	ug/L	3/13/2020	n/a	0.5	ND	
MW-37	d	Bromochloromethane	74-97-5	ug/L	3/13/2020	n/a	5	ND	
MW-37	d	Bromodichloromethane	75-27-4	ug/L	3/13/2020	n/a	1	ND	
MW-37	d	Bromoform	75-25-2	ug/L	3/13/2020	n/a	5	ND	
MW-37	d	Carbon disulfide	75-15-0	ug/L	3/13/2020	n/a	1	ND	
MW-37	d	Carbon Tetrachloride	56-23-5	ug/L	3/13/2020	n/a	2	ND	
MW-37	d	Chlorobenzene	108-90-7	ug/L	3/13/2020	n/a	1	ND	
MW-37	d	Chloroethane	75-00-3	ug/L	3/13/2020	n/a	4	ND	
MW-37	d	Chloroform	67-66-3	ug/L	3/13/2020	n/a	3	ND	
MW-37	d	Chlorodibromomethane	124-48-1	ug/L	3/13/2020	n/a	5	ND	
MW-37	d	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	3/13/2020	n/a	1.2	ND	
MW-37	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	3/13/2020	n/a	0.34	ND	
MW-37	d	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	3/13/2020	n/a	10	ND	
MW-37	d	1,1-Dichloroethane	75-34-3	ug/L	3/13/2020	n/a	1	ND	
MW-37	d	1,2-Dichloroethane	107-06-2	ug/L	3/13/2020	n/a	1	ND	
MW-37	d	1,1-Dichloroethene	75-35-4	ug/L	3/13/2020	n/a	2	ND	
MW-37	d	cis-1,2-Dichloroethene	156-59-2	ug/L	3/13/2020	n/a	1	ND	
MW-37	d	trans-1,2-Dichloroethene	156-60-5	ug/L	3/13/2020	n/a	1	ND	
MW-37	d	1,2-Dichloropropane	78-87-5	ug/L	3/13/2020	n/a	1	ND	
MW-37	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	3/13/2020	n/a	5	ND	
MW-37	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	3/13/2020	n/a	5	ND	
MW-37	d	1,2-Dichlorobenzene	95-50-1	ug/L	3/13/2020	n/a	1	ND	
MW-37	d	1,4-Dichlorobenzene	106-46-7	ug/L	3/13/2020	n/a	1	ND	
MW-37	d	Ethylbenzene	100-41-4	ug/L	3/13/2020	n/a	1	ND	
MW-37	d	2-Hexanone	591-78-6	ug/L	3/13/2020	n/a	10	ND	
MW-37	d	Bromomethane	74-83-9	ug/L	3/13/2020	n/a	4	ND	
MW-37	d	Chloromethane	74-87-3	ug/L	3/13/2020	n/a	3	ND	
MW-37	d	2-Butanone	78-93-3	ug/L	3/13/2020	n/a	10	ND	
MW-37	d	Iodomethane	74-88-4	ug/L	3/13/2020	n/a	10	ND	
MW-37	d	4-Methyl-2-pentanone	108-10-1	ug/L	3/13/2020	n/a	10	ND	
MW-37	d	Methylene Chloride	75-09-2	ug/L	3/13/2020	n/a	5	ND	
MW-37	d	Styrene	100-42-5	ug/L	3/13/2020	n/a	1	ND	
MW-37	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	3/13/2020	n/a	1	ND	
MW-37	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	3/13/2020	n/a	1	ND	
MW-37	d	Tetrachloroethene	127-18-4	ug/L	3/13/2020	n/a	1	ND	
MW-37	d	Toluene	108-88-3	ug/L	3/13/2020	n/a	1	ND	
MW-37	d	1,1,1-Trichloroethane	71-55-6	ug/L	3/13/2020	n/a	1	ND	
MW-37	d	1,1,2-Trichloroethane	79-00-5	ug/L	3/13/2020	n/a	1	ND	
MW-37	d	Trichloroethene	79-01-6	ug/L	3/13/2020	n/a	1	ND	
MW-37	d	Trichlorofluoromethane	75-69-4	ug/L	3/13/2020	n/a	4	ND	
MW-37	d	1,2,3-Trichloropropane	96-18-4	ug/L	3/13/2020	n/a	1	ND	
MW-37	d	Vinyl acetate	108-05-4	ug/L	3/13/2020	n/a	10	ND	
MW-37	d	Vinyl chloride	75-01-4	ug/L	3/13/2020	n/a	1	ND	
MW-37	d	Xylenes, total	1330-20-7	ug/L	3/13/2020	n/a	3	ND	

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Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-37	d	Methylene Bromide	74-95-3	ug/L	3/13/2020	n/a	1	ND	
MW-37	d	Total Suspended Solids	TSS	mg/L	3/13/2020	5.1	15		31
MW-37	d	Antimony	7440-36-0	mg/L	7/22/2020	n/a	0.001	ND	
MW-37	d	Arsenic	7440-38-2	mg/L	7/22/2020	n/a	0.002	ND	
MW-37	d	Barium	7440-39-3	mg/L	7/22/2020	0.00028	0.002		0.0937
MW-37	d	Beryllium	7440-41-7	mg/L	7/22/2020	n/a	0.001	ND	
MW-37	d	Cadmium	7440-43-9	mg/L	7/22/2020	0.000049	0.0001	J	0.000093
MW-37	d	Chromium	7440-47-3	mg/L	7/22/2020	n/a	0.005	ND	
MW-37	d	Cobalt	7440-48-4	mg/L	7/22/2020	0.000091	0.0005		0.000546
MW-37	d	Copper	7440-50-8	mg/L	7/22/2020	0.0015	0.005	J	0.00285
MW-37	d	Lead	7439-92-1	mg/L	7/22/2020	0.00011	0.0005		0.000855
MW-37	d	Nickel	7440-02-0	mg/L	7/22/2020	0.0019	0.005	J	0.00262
MW-37	d	Selenium	7782-49-2	mg/L	7/22/2020	n/a	0.005	ND	
MW-37	d	Silver	7440-22-4	mg/L	7/22/2020	n/a	0.001	ND	
MW-37	d	Thallium	7440-28-0	mg/L	7/22/2020	n/a	0.001	ND	
MW-37	d	Vanadium	7440-62-2	mg/L	7/22/2020	0.00085	0.005	J	0.00216
MW-37	d	Zinc	7440-66-6	mg/L	7/22/2020	0.01	0.02	J	0.0136
MW-37	d	Acetone	67-64-1	ug/L	7/22/2020	n/a	10	ND	
MW-37	d	Acrylonitrile	107-13-1	ug/L	7/22/2020	n/a	10	ND	
MW-37	d	Benzene	71-43-2	ug/L	7/22/2020	n/a	0.5	ND	
MW-37	d	Bromochloromethane	74-97-5	ug/L	7/22/2020	n/a	5	ND	
MW-37	d	Bromodichloromethane	75-27-4	ug/L	7/22/2020	n/a	1	ND	
MW-37	d	Bromoform	75-25-2	ug/L	7/22/2020	n/a	5	ND	
MW-37	d	Carbon disulfide	75-15-0	ug/L	7/22/2020	n/a	1	ND	
MW-37	d	Carbon Tetrachloride	56-23-5	ug/L	7/22/2020	n/a	2	ND	
MW-37	d	Chlorobenzene	108-90-7	ug/L	7/22/2020	n/a	1	ND	
MW-37	d	Chloroethane	75-00-3	ug/L	7/22/2020	n/a	4	ND	
MW-37	d	Chloroform	67-66-3	ug/L	7/22/2020	n/a	3	ND	
MW-37	d	Chlorodibromomethane	124-48-1	ug/L	7/22/2020	n/a	5	ND	
MW-37	d	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	7/22/2020	n/a	1.2	ND	
MW-37	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	7/22/2020	n/a	0.34	ND	
MW-37	d	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	7/22/2020	n/a	10	ND	
MW-37	d	1,1-Dichloroethane	75-34-3	ug/L	7/22/2020	n/a	1	ND	
MW-37	d	1,2-Dichloroethane	107-06-2	ug/L	7/22/2020	n/a	1	ND	
MW-37	d	1,1-Dichloroethene	75-35-4	ug/L	7/22/2020	n/a	2	ND	
MW-37	d	cis-1,2-Dichloroethene	156-59-2	ug/L	7/22/2020	n/a	1	ND	
MW-37	d	trans-1,2-Dichloroethene	156-60-5	ug/L	7/22/2020	n/a	1	ND	
MW-37	d	1,2-Dichloropropane	78-87-5	ug/L	7/22/2020	n/a	1	ND	
MW-37	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	7/22/2020	n/a	5	ND	
MW-37	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	7/22/2020	n/a	5	ND	
MW-37	d	1,2-Dichlorobenzene	95-50-1	ug/L	7/22/2020	n/a	1	ND	
MW-37	d	1,4-Dichlorobenzene	106-46-7	ug/L	7/22/2020	n/a	1	ND	
MW-37	d	Ethylbenzene	100-41-4	ug/L	7/22/2020	n/a	1	ND	
MW-37	d	2-Hexanone	591-78-6	ug/L	7/22/2020	n/a	10	ND	
MW-37	d	Bromomethane	74-83-9	ug/L	7/22/2020	n/a	4	ND	
MW-37	d	Chloromethane	74-87-3	ug/L	7/22/2020	n/a	3	ND	
MW-37	d	2-Butanone	78-93-3	ug/L	7/22/2020	n/a	10	ND	
MW-37	d	Iodomethane	74-88-4	ug/L	7/22/2020	n/a	10	ND	
MW-37	d	4-Methyl-2-pentanone	108-10-1	ug/L	7/22/2020	n/a	10	ND	
MW-37	d	Methylene Chloride	75-09-2	ug/L	7/22/2020	n/a	5	ND	
MW-37	d	Styrene	100-42-5	ug/L	7/22/2020	n/a	1	ND	
MW-37	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	7/22/2020	n/a	1	ND	
MW-37	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	7/22/2020	n/a	1	ND	
MW-37	d	Tetrachloroethene	127-18-4	ug/L	7/22/2020	n/a	1	ND	
MW-37	d	Toluene	108-88-3	ug/L	7/22/2020	n/a	1	ND	
MW-37	d	1,1,1-Trichloroethane	71-55-6	ug/L	7/22/2020	n/a	1	ND	
MW-37	d	1,1,2-Trichloroethane	79-00-5	ug/L	7/22/2020	n/a	1	ND	
MW-37	d	Trichloroethene	79-01-6	ug/L	7/22/2020	n/a	1	ND	
MW-37	d	Trichlorofluoromethane	75-69-4	ug/L	7/22/2020	n/a	4	ND	
MW-37	d	1,2,3-Trichloropropane	96-18-4	ug/L	7/22/2020	n/a	1	ND	
MW-37	d	Vinyl acetate	108-05-4	ug/L	7/22/2020	n/a	10	ND	
MW-37	d	Vinyl chloride	75-01-4	ug/L	7/22/2020	n/a	1	ND	
MW-37	d	Xylenes, total	1330-20-7	ug/L	7/22/2020	n/a	3	ND	
MW-37	d	Methylene Bromide	74-95-3	ug/L	7/22/2020	n/a	1	ND	

Table 9B
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Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-37	d	Total Suspended Solids	TSS	mg/L	7/22/2020	1.7	5		25
MW-49R	u	Antimony	7440-36-0	mg/L	7/22/2020	n/a	0.001	ND	
MW-49R	u	Arsenic	7440-38-2	mg/L	7/22/2020	n/a	0.002	ND	
MW-49R	u	Barium	7440-39-3	mg/L	7/22/2020	0.00028	0.002		0.294
MW-49R	u	Beryllium	7440-41-7	mg/L	7/22/2020	n/a	0.001	ND	
MW-49R	u	Cadmium	7440-43-9	mg/L	7/22/2020	n/a	0.0001	ND	
MW-49R	u	Chromium	7440-47-3	mg/L	7/22/2020	n/a	0.005	ND	
MW-49R	u	Cobalt	7440-48-4	mg/L	7/22/2020	0.000091	0.0005	J	0.000263
MW-49R	u	Copper	7440-50-8	mg/L	7/22/2020	0.0015	0.005	J	0.00273
MW-49R	u	Lead	7439-92-1	mg/L	7/22/2020	0.00011	0.0005	J	0.000135
MW-49R	u	Nickel	7440-02-0	mg/L	7/22/2020	n/a	0.005	ND	
MW-49R	u	Selenium	7782-49-2	mg/L	7/22/2020	n/a	0.005	ND	
MW-49R	u	Silver	7440-22-4	mg/L	7/22/2020	n/a	0.001	ND	
MW-49R	u	Thallium	7440-28-0	mg/L	7/22/2020	n/a	0.001	ND	
MW-49R	u	Vanadium	7440-62-2	mg/L	7/22/2020	n/a	0.005	ND	
MW-49R	u	Zinc	7440-66-6	mg/L	7/22/2020	n/a	0.02	ND	
MW-49R	u	Acetone	67-64-1	ug/L	7/22/2020	n/a	10	ND	
MW-49R	u	Acrylonitrile	107-13-1	ug/L	7/22/2020	n/a	10	ND	
MW-49R	u	Benzene	71-43-2	ug/L	7/22/2020	n/a	0.5	ND	
MW-49R	u	Bromochloromethane	74-97-5	ug/L	7/22/2020	n/a	5	ND	
MW-49R	u	Bromodichloromethane	75-27-4	ug/L	7/22/2020	n/a	1	ND	
MW-49R	u	Bromoform	75-25-2	ug/L	7/22/2020	n/a	5	ND	
MW-49R	u	Carbon disulfide	75-15-0	ug/L	7/22/2020	n/a	1	ND	
MW-49R	u	Carbon Tetrachloride	56-23-5	ug/L	7/22/2020	n/a	2	ND	
MW-49R	u	Chlorobenzene	108-90-7	ug/L	7/22/2020	n/a	1	ND	
MW-49R	u	Chloroethane	75-00-3	ug/L	7/22/2020	n/a	4	ND	
MW-49R	u	Chloroform	67-66-3	ug/L	7/22/2020	n/a	3	ND	
MW-49R	u	Chlorodibromomethane	124-48-1	ug/L	7/22/2020	n/a	5	ND	
MW-49R	u	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	7/22/2020	n/a	1.2	ND	
MW-49R	u	1,2-Dibromoethane [EDB]	106-93-4	ug/L	7/22/2020	n/a	0.34	ND	
MW-49R	u	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	7/22/2020	n/a	10	ND	
MW-49R	u	1,1-Dichloroethane	75-34-3	ug/L	7/22/2020	n/a	1	ND	
MW-49R	u	1,2-Dichloroethane	107-06-2	ug/L	7/22/2020	n/a	1	ND	
MW-49R	u	1,1-Dichloroethene	75-35-4	ug/L	7/22/2020	n/a	2	ND	
MW-49R	u	cis-1,2-Dichloroethene	156-59-2	ug/L	7/22/2020	n/a	1	ND	
MW-49R	u	trans-1,2-Dichloroethene	156-60-5	ug/L	7/22/2020	n/a	1	ND	
MW-49R	u	1,2-Dichloropropane	78-87-5	ug/L	7/22/2020	n/a	1	ND	
MW-49R	u	cis-1,3-Dichloropropene	10061-01-5	ug/L	7/22/2020	n/a	5	ND	
MW-49R	u	trans-1,3-Dichloropropene	10061-02-6	ug/L	7/22/2020	n/a	5	ND	
MW-49R	u	1,2-Dichlorobenzene	95-50-1	ug/L	7/22/2020	n/a	1	ND	
MW-49R	u	1,4-Dichlorobenzene	106-46-7	ug/L	7/22/2020	n/a	1	ND	
MW-49R	u	Ethylbenzene	100-41-4	ug/L	7/22/2020	n/a	1	ND	
MW-49R	u	2-Hexanone	591-78-6	ug/L	7/22/2020	n/a	10	ND	
MW-49R	u	Bromomethane	74-83-9	ug/L	7/22/2020	n/a	4	ND	
MW-49R	u	Chloromethane	74-87-3	ug/L	7/22/2020	n/a	3	ND	
MW-49R	u	2-Butanone	78-93-3	ug/L	7/22/2020	n/a	10	ND	
MW-49R	u	Iodomethane	74-88-4	ug/L	7/22/2020	n/a	10	ND	
MW-49R	u	4-Methyl-2-pentanone	108-10-1	ug/L	7/22/2020	n/a	10	ND	
MW-49R	u	Methylene Chloride	75-09-2	ug/L	7/22/2020	n/a	5	ND	
MW-49R	u	Styrene	100-42-5	ug/L	7/22/2020	n/a	1	ND	
MW-49R	u	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	7/22/2020	n/a	1	ND	
MW-49R	u	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	7/22/2020	n/a	1	ND	
MW-49R	u	Tetrachloroethene	127-18-4	ug/L	7/22/2020	n/a	1	ND	
MW-49R	u	Toluene	108-88-3	ug/L	7/22/2020	n/a	1	ND	
MW-49R	u	1,1,1-Trichloroethane	71-55-6	ug/L	7/22/2020	n/a	1	ND	
MW-49R	u	1,1,2-Trichloroethane	79-00-5	ug/L	7/22/2020	n/a	1	ND	
MW-49R	u	Trichloroethene	79-01-6	ug/L	7/22/2020	n/a	1	ND	
MW-49R	u	Trichlorofluoromethane	75-69-4	ug/L	7/22/2020	n/a	4	ND	
MW-49R	u	1,2,3-Trichloropropane	96-18-4	ug/L	7/22/2020	n/a	1	ND	
MW-49R	u	Vinyl acetate	108-05-4	ug/L	7/22/2020	n/a	10	ND	
MW-49R	u	Vinyl chloride	75-01-4	ug/L	7/22/2020	n/a	1	ND	
MW-49R	u	Xylenes, total	1330-20-7	ug/L	7/22/2020	n/a	3	ND	
MW-49R	u	Methylene Bromide	74-95-3	ug/L	7/22/2020	n/a	1	ND	
MW-49R	u	Bis[2-ethylhexyl]phthalate	117-81-7	ug/L	7/22/2020	n/a	10	ND	

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Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-49R	u	Total Suspended Solids	TSS	mg/L	7/22/2020	1.28	3.75		6.75
MW-66	d	Antimony	7440-36-0	mg/L	7/23/2020	n/a	0.001	ND	
MW-66	d	Arsenic	7440-38-2	mg/L	7/23/2020	n/a	0.002	ND	
MW-66	d	Barium	7440-39-3	mg/L	7/23/2020	0.00028	0.002		0.0179
MW-66	d	Beryllium	7440-41-7	mg/L	7/23/2020	n/a	0.001	ND	
MW-66	d	Cadmium	7440-43-9	mg/L	7/23/2020	n/a	0.0001	ND	
MW-66	d	Chromium	7440-47-3	mg/L	7/23/2020	n/a	0.005	ND	
MW-66	d	Cobalt	7440-48-4	mg/L	7/23/2020	0.000091	0.0005	J	0.000138
MW-66	d	Copper	7440-50-8	mg/L	7/23/2020	n/a	0.005	ND	
MW-66	d	Lead	7439-92-1	mg/L	7/23/2020	n/a	0.0005	ND	
MW-66	d	Nickel	7440-02-0	mg/L	7/23/2020	0.0019	0.005	J	0.00234
MW-66	d	Selenium	7782-49-2	mg/L	7/23/2020	n/a	0.005	ND	
MW-66	d	Silver	7440-22-4	mg/L	7/23/2020	n/a	0.001	ND	
MW-66	d	Thallium	7440-28-0	mg/L	7/23/2020	n/a	0.001	ND	
MW-66	d	Vanadium	7440-62-2	mg/L	7/23/2020	n/a	0.005	ND	
MW-66	d	Zinc	7440-66-6	mg/L	7/23/2020	n/a	0.02	ND	
MW-66	d	Acetone	67-64-1	ug/L	7/23/2020	n/a	10	ND	
MW-66	d	Acrylonitrile	107-13-1	ug/L	7/23/2020	n/a	10	ND	
MW-66	d	Benzene	71-43-2	ug/L	7/23/2020	n/a	0.5	ND	
MW-66	d	Bromochloromethane	74-97-5	ug/L	7/23/2020	n/a	5	ND	
MW-66	d	Bromodichloromethane	75-27-4	ug/L	7/23/2020	n/a	1	ND	
MW-66	d	Bromoform	75-25-2	ug/L	7/23/2020	n/a	5	ND	
MW-66	d	Carbon disulfide	75-15-0	ug/L	7/23/2020	n/a	1	ND	
MW-66	d	Carbon Tetrachloride	56-23-5	ug/L	7/23/2020	n/a	2	ND	
MW-66	d	Chlorobenzene	108-90-7	ug/L	7/23/2020	n/a	1	ND	
MW-66	d	Chloroethane	75-00-3	ug/L	7/23/2020	n/a	4	ND	
MW-66	d	Chloroform	67-66-3	ug/L	7/23/2020	n/a	3	ND	
MW-66	d	Chlorodibromomethane	124-48-1	ug/L	7/23/2020	n/a	5	ND	
MW-66	d	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	7/23/2020	n/a	1.2	ND	
MW-66	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	7/23/2020	n/a	0.34	ND	
MW-66	d	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	7/23/2020	n/a	10	ND	
MW-66	d	1,1-Dichloroethane	75-34-3	ug/L	7/23/2020	n/a	1	ND	
MW-66	d	1,2-Dichloroethane	107-06-2	ug/L	7/23/2020	n/a	1	ND	
MW-66	d	1,1-Dichloroethene	75-35-4	ug/L	7/23/2020	n/a	2	ND	
MW-66	d	cis-1,2-Dichloroethene	156-59-2	ug/L	7/23/2020	n/a	1	ND	
MW-66	d	trans-1,2-Dichloroethene	156-60-5	ug/L	7/23/2020	n/a	1	ND	
MW-66	d	1,2-Dichloropropane	78-87-5	ug/L	7/23/2020	n/a	1	ND	
MW-66	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	7/23/2020	n/a	5	ND	
MW-66	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	7/23/2020	n/a	5	ND	
MW-66	d	1,2-Dichlorobenzene	95-50-1	ug/L	7/23/2020	n/a	1	ND	
MW-66	d	1,4-Dichlorobenzene	106-46-7	ug/L	7/23/2020	n/a	1	ND	
MW-66	d	Ethylbenzene	100-41-4	ug/L	7/23/2020	n/a	1	ND	
MW-66	d	2-Hexanone	591-78-6	ug/L	7/23/2020	n/a	10	ND	
MW-66	d	Bromomethane	74-83-9	ug/L	7/23/2020	n/a	4	ND	
MW-66	d	Chloromethane	74-87-3	ug/L	7/23/2020	n/a	3	ND	
MW-66	d	2-Butanone	78-93-3	ug/L	7/23/2020	n/a	10	ND	
MW-66	d	Iodomethane	74-88-4	ug/L	7/23/2020	n/a	10	ND	
MW-66	d	4-Methyl-2-pentanone	108-10-1	ug/L	7/23/2020	n/a	10	ND	
MW-66	d	Methylene Chloride	75-09-2	ug/L	7/23/2020	n/a	5	ND	
MW-66	d	Styrene	100-42-5	ug/L	7/23/2020	n/a	1	ND	
MW-66	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	7/23/2020	n/a	1	ND	
MW-66	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	7/23/2020	n/a	1	ND	
MW-66	d	Tetrachloroethene	127-18-4	ug/L	7/23/2020	n/a	1	ND	
MW-66	d	Toluene	108-88-3	ug/L	7/23/2020	n/a	1	ND	
MW-66	d	1,1,1-Trichloroethane	71-55-6	ug/L	7/23/2020	n/a	1	ND	
MW-66	d	1,1,2-Trichloroethane	79-00-5	ug/L	7/23/2020	n/a	1	ND	
MW-66	d	Trichloroethene	79-01-6	ug/L	7/23/2020	n/a	1	ND	
MW-66	d	Trichlorofluoromethane	75-69-4	ug/L	7/23/2020	n/a	4	ND	
MW-66	d	1,2,3-Trichloropropane	96-18-4	ug/L	7/23/2020	n/a	1	ND	
MW-66	d	Vinyl acetate	108-05-4	ug/L	7/23/2020	n/a	10	ND	
MW-66	d	Vinyl chloride	75-01-4	ug/L	7/23/2020	n/a	1	ND	
MW-66	d	Xylenes, total	1330-20-7	ug/L	7/23/2020	n/a	3	ND	
MW-66	d	Methylene Bromide	74-95-3	ug/L	7/23/2020	n/a	1	ND	
MW-66	d	Total Suspended Solids	TSS	mg/L	7/23/2020	0.638	1.88		2.88

Table 9B
Analytical Data Summary - Former CWTS
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Phase II MSWLF and CWTS
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Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-37	d	Antimony	7440-36-0	mg/L	3/29/2021	n/a	0.002	ND	
MW-37	d	Arsenic	7440-38-2	mg/L	3/29/2021	0.00075	0.002		0.00202
MW-37	d	Barium	7440-39-3	mg/L	3/29/2021	0.0003	0.002		0.251
MW-37	d	Beryllium	7440-41-7	mg/L	3/29/2021	n/a	0.001	ND	
MW-37	d	Cadmium	7440-43-9	mg/L	3/29/2021	n/a	0.0001	ND	
MW-37	d	Chromium	7440-47-3	mg/L	3/29/2021	n/a	0.005	ND	
MW-37	d	Cobalt	7440-48-4	mg/L	3/29/2021	0.000091	0.0005		0.00196
MW-37	d	Copper	7440-50-8	mg/L	3/29/2021	0.0014	0.005	J	0.00222
MW-37	d	Lead	7439-92-1	mg/L	3/29/2021	0.00021	0.0005		0.00191
MW-37	d	Nickel	7440-02-0	mg/L	3/29/2021	0.0019	0.005		0.00683
MW-37	d	Selenium	7782-49-2	mg/L	3/29/2021	n/a	0.005	ND	
MW-37	d	Silver	7440-22-4	mg/L	3/29/2021	n/a	0.001	ND	
MW-37	d	Thallium	7440-28-0	mg/L	3/29/2021	n/a	0.001	ND	
MW-37	d	Vanadium	7440-62-2	mg/L	3/29/2021	0.0011	0.005	J	0.0017
MW-37	d	Zinc	7440-66-6	mg/L	3/29/2021	0.01	0.02	J	0.0184
MW-37	d	Acetone	67-64-1	ug/L	3/29/2021	n/a	10	ND	
MW-37	d	Acrylonitrile	107-13-1	ug/L	3/29/2021	n/a	10	ND	
MW-37	d	Benzene	71-43-2	ug/L	3/29/2021	n/a	0.5	ND	
MW-37	d	Bromochloromethane	74-97-5	ug/L	3/29/2021	n/a	5	ND	
MW-37	d	Bromodichloromethane	75-27-4	ug/L	3/29/2021	n/a	1	ND	
MW-37	d	Bromoform	75-25-2	ug/L	3/29/2021	n/a	5	ND	
MW-37	d	Carbon disulfide	75-15-0	ug/L	3/29/2021	n/a	1	ND**	
MW-37	d	Carbon Tetrachloride	56-23-5	ug/L	3/29/2021	n/a	2	ND	
MW-37	d	Chlorobenzene	108-90-7	ug/L	3/29/2021	n/a	1	ND	
MW-37	d	Chloroethane	75-00-3	ug/L	3/29/2021	n/a	4	ND	
MW-37	d	Chloroform	67-66-3	ug/L	3/29/2021	n/a	3	ND	
MW-37	d	Chlorodibromomethane	124-48-1	ug/L	3/29/2021	n/a	5	ND	
MW-37	d	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	3/29/2021	n/a	1.2	ND	
MW-37	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	3/29/2021	n/a	0.34	ND	
MW-37	d	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	3/29/2021	n/a	10	ND	
MW-37	d	1,1-Dichloroethane	75-34-3	ug/L	3/29/2021	n/a	1	ND	
MW-37	d	1,2-Dichloroethane	107-06-2	ug/L	3/29/2021	n/a	1	ND	
MW-37	d	1,1-Dichloroethene	75-35-4	ug/L	3/29/2021	n/a	2	ND	
MW-37	d	cis-1,2-Dichloroethene	156-59-2	ug/L	3/29/2021	n/a	1	ND	
MW-37	d	trans-1,2-Dichloroethene	156-60-5	ug/L	3/29/2021	n/a	1	ND	
MW-37	d	1,2-Dichloropropane	78-87-5	ug/L	3/29/2021	n/a	1	ND	
MW-37	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	3/29/2021	n/a	5	ND	
MW-37	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	3/29/2021	n/a	5	ND	
MW-37	d	1,2-Dichlorobenzene	95-50-1	ug/L	3/29/2021	n/a	1	ND	
MW-37	d	1,4-Dichlorobenzene	106-46-7	ug/L	3/29/2021	n/a	1	ND	
MW-37	d	Ethylbenzene	100-41-4	ug/L	3/29/2021	n/a	1	ND	
MW-37	d	2-Hexanone	591-78-6	ug/L	3/29/2021	n/a	10	ND	
MW-37	d	Bromomethane	74-83-9	ug/L	3/29/2021	n/a	4	ND	
MW-37	d	Chloromethane	74-87-3	ug/L	3/29/2021	n/a	3	ND	
MW-37	d	2-Butanone	78-93-3	ug/L	3/29/2021	n/a	10	ND	
MW-37	d	Iodomethane	74-88-4	ug/L	3/29/2021	n/a	10	ND	
MW-37	d	4-Methyl-2-pentanone	108-10-1	ug/L	3/29/2021	n/a	10	ND	
MW-37	d	Methylene Chloride	75-09-2	ug/L	3/29/2021	n/a	5	ND	
MW-37	d	Styrene	100-42-5	ug/L	3/29/2021	n/a	1	ND	
MW-37	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	3/29/2021	n/a	1	ND	
MW-37	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	3/29/2021	n/a	1	ND	
MW-37	d	Tetrachloroethene	127-18-4	ug/L	3/29/2021	n/a	1	ND	
MW-37	d	Toluene	108-88-3	ug/L	3/29/2021	n/a	1	ND	
MW-37	d	1,1,1-Trichloroethane	71-55-6	ug/L	3/29/2021	n/a	1	ND	
MW-37	d	1,1,2-Trichloroethane	79-00-5	ug/L	3/29/2021	n/a	1	ND	
MW-37	d	Trichloroethene	79-01-6	ug/L	3/29/2021	n/a	1	ND	
MW-37	d	Trichlorofluoromethane	75-69-4	ug/L	3/29/2021	n/a	4	ND	
MW-37	d	1,2,3-Trichloropropane	96-18-4	ug/L	3/29/2021	n/a	1	ND	
MW-37	d	Vinyl acetate	108-05-4	ug/L	3/29/2021	n/a	10	ND	
MW-37	d	Vinyl chloride	75-01-4	ug/L	3/29/2021	n/a	1	ND	
MW-37	d	Xylenes, total	1330-20-7	ug/L	3/29/2021	n/a	3	ND	
MW-37	d	Methylene Bromide	74-95-3	ug/L	3/29/2021	n/a	1	ND	
MW-37	d	Total Suspended Solids	TSS	mg/L	3/29/2021	5.1	15		62
MW-49R	u	Antimony	7440-36-0	mg/L	3/29/2021	n/a	0.002	ND	

Table 9B
Analytical Data Summary - Former CWTS
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Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-49R	u	Arsenic	7440-38-2	mg/L	3/29/2021	n/a	0.002	ND	
MW-49R	u	Barium	7440-39-3	mg/L	3/29/2021	0.0003	0.002		0.221
MW-49R	u	Beryllium	7440-41-7	mg/L	3/29/2021	n/a	0.001	ND	
MW-49R	u	Cadmium	7440-43-9	mg/L	3/29/2021	n/a	0.0001	ND	
MW-49R	u	Chromium	7440-47-3	mg/L	3/29/2021	0.0011	0.005	J	0.00155
MW-49R	u	Cobalt	7440-48-4	mg/L	3/29/2021	0.000091	0.0005	J	0.000422
MW-49R	u	Copper	7440-50-8	mg/L	3/29/2021	n/a	0.005	ND	
MW-49R	u	Lead	7439-92-1	mg/L	3/29/2021	0.00021	0.0005	J	0.000238
MW-49R	u	Nickel	7440-02-0	mg/L	3/29/2021	n/a	0.005	ND	
MW-49R	u	Selenium	7782-49-2	mg/L	3/29/2021	n/a	0.005	ND	
MW-49R	u	Silver	7440-22-4	mg/L	3/29/2021	n/a	0.001	ND	
MW-49R	u	Thallium	7440-28-0	mg/L	3/29/2021	n/a	0.001	ND	
MW-49R	u	Vanadium	7440-62-2	mg/L	3/29/2021	n/a	0.005	ND	
MW-49R	u	Zinc	7440-66-6	mg/L	3/29/2021	n/a	0.02	ND	
MW-49R	u	Acetone	67-64-1	ug/L	3/29/2021	n/a	10	ND	
MW-49R	u	Acrylonitrile	107-13-1	ug/L	3/29/2021	n/a	10	ND	
MW-49R	u	Benzene	71-43-2	ug/L	3/29/2021	n/a	0.5	ND	
MW-49R	u	Bromochloromethane	74-97-5	ug/L	3/29/2021	n/a	5	ND	
MW-49R	u	Bromodichloromethane	75-27-4	ug/L	3/29/2021	n/a	1	ND	
MW-49R	u	Bromoform	75-25-2	ug/L	3/29/2021	n/a	5	ND	
MW-49R	u	Carbon disulfide	75-15-0	ug/L	3/29/2021	n/a	1	ND**	
MW-49R	u	Carbon Tetrachloride	56-23-5	ug/L	3/29/2021	n/a	2	ND	
MW-49R	u	Chlorobenzene	108-90-7	ug/L	3/29/2021	n/a	1	ND	
MW-49R	u	Chloroethane	75-00-3	ug/L	3/29/2021	n/a	4	ND	
MW-49R	u	Chloroform	67-66-3	ug/L	3/29/2021	n/a	3	ND	
MW-49R	u	Chlorodibromomethane	124-48-1	ug/L	3/29/2021	n/a	5	ND	
MW-49R	u	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	3/29/2021	n/a	1.2	ND	
MW-49R	u	1,2-Dibromoethane [EDB]	106-93-4	ug/L	3/29/2021	n/a	0.34	ND	
MW-49R	u	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	3/29/2021	n/a	10	ND	
MW-49R	u	1,1-Dichloroethane	75-34-3	ug/L	3/29/2021	n/a	1	ND	
MW-49R	u	1,2-Dichloroethane	107-06-2	ug/L	3/29/2021	n/a	1	ND	
MW-49R	u	1,1-Dichloroethene	75-35-4	ug/L	3/29/2021	n/a	2	ND	
MW-49R	u	cis-1,2-Dichloroethene	156-59-2	ug/L	3/29/2021	n/a	1	ND	
MW-49R	u	trans-1,2-Dichloroethene	156-60-5	ug/L	3/29/2021	n/a	1	ND	
MW-49R	u	1,2-Dichloropropane	78-87-5	ug/L	3/29/2021	n/a	1	ND	
MW-49R	u	cis-1,3-Dichloropropene	10061-01-5	ug/L	3/29/2021	n/a	5	ND	
MW-49R	u	trans-1,3-Dichloropropene	10061-02-6	ug/L	3/29/2021	n/a	5	ND	
MW-49R	u	1,2-Dichlorobenzene	95-50-1	ug/L	3/29/2021	n/a	1	ND	
MW-49R	u	1,4-Dichlorobenzene	106-46-7	ug/L	3/29/2021	n/a	1	ND	
MW-49R	u	Ethylbenzene	100-41-4	ug/L	3/29/2021	n/a	1	ND	
MW-49R	u	2-Hexanone	591-78-6	ug/L	3/29/2021	n/a	10	ND	
MW-49R	u	Bromomethane	74-83-9	ug/L	3/29/2021	n/a	4	ND	
MW-49R	u	Chloromethane	74-87-3	ug/L	3/29/2021	n/a	3	ND	
MW-49R	u	2-Butanone	78-93-3	ug/L	3/29/2021	n/a	10	ND	
MW-49R	u	Iodomethane	74-88-4	ug/L	3/29/2021	n/a	10	ND	
MW-49R	u	4-Methyl-2-pentanone	108-10-1	ug/L	3/29/2021	n/a	10	ND	
MW-49R	u	Methylene Chloride	75-09-2	ug/L	3/29/2021	n/a	5	ND	
MW-49R	u	Styrene	100-42-5	ug/L	3/29/2021	n/a	1	ND	
MW-49R	u	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	3/29/2021	n/a	1	ND	
MW-49R	u	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	3/29/2021	n/a	1	ND	
MW-49R	u	Tetrachloroethene	127-18-4	ug/L	3/29/2021	n/a	1	ND	
MW-49R	u	Toluene	108-88-3	ug/L	3/29/2021	n/a	1	ND	
MW-49R	u	1,1,1-Trichloroethane	71-55-6	ug/L	3/29/2021	n/a	1	ND	
MW-49R	u	1,1,2-Trichloroethane	79-00-5	ug/L	3/29/2021	n/a	1	ND	
MW-49R	u	Trichloroethene	79-01-6	ug/L	3/29/2021	n/a	1	ND	
MW-49R	u	Trichlorofluoromethane	75-69-4	ug/L	3/29/2021	n/a	4	ND	
MW-49R	u	1,2,3-Trichloropropane	96-18-4	ug/L	3/29/2021	n/a	1	ND	
MW-49R	u	Vinyl acetate	108-05-4	ug/L	3/29/2021	n/a	10	ND	
MW-49R	u	Vinyl chloride	75-01-4	ug/L	3/29/2021	n/a	1	ND	
MW-49R	u	Xylenes, total	1330-20-7	ug/L	3/29/2021	n/a	3	ND	
MW-49R	u	Methylene Bromide	74-95-3	ug/L	3/29/2021	n/a	1	ND	
MW-49R	u	Bis[2-ethylhexyl]phthalate	117-81-7	ug/L	3/29/2021	n/a	12	ND	
MW-49R	u	Total Suspended Solids	TSS	mg/L	3/29/2021	0.638	1.88		7.38
MW-66	d	Antimony	7440-36-0	mg/L	3/29/2021	n/a	0.002	ND	

Table 9B
Analytical Data Summary - Former CWTS
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Phase II MSWLF and CWTS
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-66	d	Arsenic	7440-38-2	mg/L	3/29/2021	n/a	0.002	ND	
MW-66	d	Barium	7440-39-3	mg/L	3/29/2021	0.0003	0.002		0.0182
MW-66	d	Beryllium	7440-41-7	mg/L	3/29/2021	n/a	0.001	ND	
MW-66	d	Cadmium	7440-43-9	mg/L	3/29/2021	n/a	0.0001	ND	
MW-66	d	Chromium	7440-47-3	mg/L	3/29/2021	n/a	0.005	ND	
MW-66	d	Cobalt	7440-48-4	mg/L	3/29/2021	0.000091	0.0005	J	0.000129
MW-66	d	Copper	7440-50-8	mg/L	3/29/2021	n/a	0.005	ND	
MW-66	d	Lead	7439-92-1	mg/L	3/29/2021	n/a	0.0005	ND	
MW-66	d	Nickel	7440-02-0	mg/L	3/29/2021	0.0019	0.005	J	0.002
MW-66	d	Selenium	7782-49-2	mg/L	3/29/2021	n/a	0.005	ND	
MW-66	d	Silver	7440-22-4	mg/L	3/29/2021	n/a	0.001	ND	
MW-66	d	Thallium	7440-28-0	mg/L	3/29/2021	n/a	0.001	ND	
MW-66	d	Vanadium	7440-62-2	mg/L	3/29/2021	n/a	0.005	ND	
MW-66	d	Zinc	7440-66-6	mg/L	3/29/2021	n/a	0.02	ND	
MW-66	d	Acetone	67-64-1	ug/L	3/29/2021	n/a	10	ND	
MW-66	d	Acrylonitrile	107-13-1	ug/L	3/29/2021	n/a	10	ND	
MW-66	d	Benzene	71-43-2	ug/L	3/29/2021	n/a	0.5	ND	
MW-66	d	Bromochloromethane	74-97-5	ug/L	3/29/2021	n/a	5	ND	
MW-66	d	Bromodichloromethane	75-27-4	ug/L	3/29/2021	n/a	1	ND	
MW-66	d	Bromoform	75-25-2	ug/L	3/29/2021	n/a	5	ND	
MW-66	d	Carbon disulfide	75-15-0	ug/L	3/29/2021	n/a	1	ND**	
MW-66	d	Carbon Tetrachloride	56-23-5	ug/L	3/29/2021	n/a	2	ND	
MW-66	d	Chlorobenzene	108-90-7	ug/L	3/29/2021	n/a	1	ND	
MW-66	d	Chloroethane	75-00-3	ug/L	3/29/2021	n/a	4	ND	
MW-66	d	Chloroform	67-66-3	ug/L	3/29/2021	n/a	3	ND	
MW-66	d	Chlorodibromomethane	124-48-1	ug/L	3/29/2021	n/a	5	ND	
MW-66	d	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	3/29/2021	n/a	1.2	ND	
MW-66	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	3/29/2021	n/a	0.34	ND	
MW-66	d	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	3/29/2021	n/a	10	ND	
MW-66	d	1,1-Dichloroethane	75-34-3	ug/L	3/29/2021	n/a	1	ND	
MW-66	d	1,2-Dichloroethane	107-06-2	ug/L	3/29/2021	n/a	1	ND	
MW-66	d	1,1-Dichloroethene	75-35-4	ug/L	3/29/2021	n/a	2	ND	
MW-66	d	cis-1,2-Dichloroethene	156-59-2	ug/L	3/29/2021	n/a	1	ND	
MW-66	d	trans-1,2-Dichloroethene	156-60-5	ug/L	3/29/2021	n/a	1	ND	
MW-66	d	1,2-Dichloropropane	78-87-5	ug/L	3/29/2021	n/a	1	ND	
MW-66	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	3/29/2021	n/a	5	ND	
MW-66	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	3/29/2021	n/a	5	ND	
MW-66	d	1,2-Dichlorobenzene	95-50-1	ug/L	3/29/2021	n/a	1	ND	
MW-66	d	1,4-Dichlorobenzene	106-46-7	ug/L	3/29/2021	n/a	1	ND	
MW-66	d	Ethylbenzene	100-41-4	ug/L	3/29/2021	n/a	1	ND	
MW-66	d	2-Hexanone	591-78-6	ug/L	3/29/2021	n/a	10	ND	
MW-66	d	Bromomethane	74-83-9	ug/L	3/29/2021	n/a	4	ND	
MW-66	d	Chloromethane	74-87-3	ug/L	3/29/2021	n/a	3	ND	
MW-66	d	2-Butanone	78-93-3	ug/L	3/29/2021	n/a	10	ND	
MW-66	d	Iodomethane	74-88-4	ug/L	3/29/2021	n/a	10	ND	
MW-66	d	4-Methyl-2-pentanone	108-10-1	ug/L	3/29/2021	n/a	10	ND	
MW-66	d	Methylene Chloride	75-09-2	ug/L	3/29/2021	n/a	5	ND	
MW-66	d	Styrene	100-42-5	ug/L	3/29/2021	n/a	1	ND	
MW-66	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	3/29/2021	n/a	1	ND	
MW-66	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	3/29/2021	n/a	1	ND	
MW-66	d	Tetrachloroethene	127-18-4	ug/L	3/29/2021	n/a	1	ND	
MW-66	d	Toluene	108-88-3	ug/L	3/29/2021	n/a	1	ND	
MW-66	d	1,1,1-Trichloroethane	71-55-6	ug/L	3/29/2021	n/a	1	ND	
MW-66	d	1,1,2-Trichloroethane	79-00-5	ug/L	3/29/2021	n/a	1	ND	
MW-66	d	Trichloroethene	79-01-6	ug/L	3/29/2021	n/a	1	ND	
MW-66	d	Trichlorofluoromethane	75-69-4	ug/L	3/29/2021	n/a	4	ND	
MW-66	d	1,2,3-Trichloropropane	96-18-4	ug/L	3/29/2021	n/a	1	ND	
MW-66	d	Vinyl acetate	108-05-4	ug/L	3/29/2021	n/a	10	ND	
MW-66	d	Vinyl chloride	75-01-4	ug/L	3/29/2021	n/a	1	ND	
MW-66	d	Xylenes, total	1330-20-7	ug/L	3/29/2021	n/a	3	ND	
MW-66	d	Methylene Bromide	74-95-3	ug/L	3/29/2021	n/a	1	ND	
MW-66	d	Total Suspended Solids	TSS	mg/L	3/29/2021	0.638	1.88		2.13
MW-37	d	Antimony	7440-36-0	mg/L	8/26/2021	0.0011	0.002		<0.00200
MW-37	d	Arsenic	7440-38-2	mg/L	8/26/2021	0.00075	0.002	J	0.00159

Table 9B
Analytical Data Summary - Former CWTS
2024 Annual Water Quality Report
Phase II MSWLF and CWTS
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-37	d	Barium	7440-39-3	mg/L	8/26/2021	0.0003	0.002		0.226
MW-37	d	Beryllium	7440-41-7	mg/L	8/26/2021	0.00027	0.001		<0.00100
MW-37	d	Cadmium	7440-43-9	mg/L	8/26/2021	0.000051	0.0001	J	0.0000950
MW-37	d	Chromium	7440-47-3	mg/L	8/26/2021	0.0011	0.005		<0.00500
MW-37	d	Cobalt	7440-48-4	mg/L	8/26/2021	0.000091	0.0005		0.00170
MW-37	d	Copper	7440-50-8	mg/L	8/26/2021	0.0014	0.005	J	0.00148
MW-37	d	Lead	7439-92-1	mg/L	8/26/2021	0.00021	0.0005		0.00101
MW-37	d	Nickel	7440-02-0	mg/L	8/26/2021	0.0019	0.005	J	0.00489
MW-37	d	Selenium	7782-49-2	mg/L	8/26/2021	0.00096	0.005		<0.00500
MW-37	d	Silver	7440-22-4	mg/L	8/26/2021	0.00042	0.001		<0.00100
MW-37	d	Thallium	7440-28-0	mg/L	8/26/2021	0.00026	0.001		<0.00100
MW-37	d	Vanadium	7440-62-2	mg/L	8/26/2021	0.0011	0.005		<0.00500
MW-37	d	Zinc	7440-66-6	mg/L	8/26/2021	0.01	0.02	J	0.0133
MW-37	d	Acetone	67-64-1	ug/L	8/26/2021	3.1	10		<10.0
MW-37	d	Acrylonitrile	107-13-1	ug/L	8/26/2021	2.2	10		<10.0
MW-37	d	Benzene	71-43-2	ug/L	8/26/2021	0.22	0.5		<0.500
MW-37	d	Bromochloromethane	74-97-5	ug/L	8/26/2021	0.54	5		<5.00
MW-37	d	Bromodichloromethane	75-27-4	ug/L	8/26/2021	0.39	1		<1.00
MW-37	d	Bromoform	75-25-2	ug/L	8/26/2021	0.78	5		<5.00
MW-37	d	Bromomethane	74-83-9	ug/L	8/26/2021	1.1	4		<4.00
MW-37	d	2-Butanone	78-93-3	ug/L	8/26/2021	2.1	10		<10.0
MW-37	d	Carbon Disulfide	75-15-0	ug/L	8/26/2021	0.45	1		<1.00
MW-37	d	Carbon Tetrachloride	56-23-5	ug/L	8/26/2021	0.65	2		<2.00
MW-37	d	Chlorobenzene	108-90-7	ug/L	8/26/2021	0.4	1		<1.00
MW-37	d	Chlorodibromomethane	124-48-1	ug/L	8/26/2021	0.75	5		<5.00
MW-37	d	Chloroethane	75-00-3	ug/L	8/26/2021	0.79	4		<4.00
MW-37	d	Chloroform	67-66-3	ug/L	8/26/2021	1.3	3		<3.00
MW-37	d	Chloromethane	74-87-3	ug/L	8/26/2021	0.61	3		<3.00
MW-37	d	cis-1,2-Dichloroethene	156-59-2	ug/L	8/26/2021	0.21	1		<1.00
MW-37	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	8/26/2021	0.25	5		<5.00
MW-37	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	8/26/2021	1.2	1.2		<1.20
MW-37	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	8/26/2021	0.34	0.34		<0.340
MW-37	d	Methylene Bromide	74-95-3	ug/L	8/26/2021	0.33	1		<1.00
MW-37	d	1,2-Dichlorobenzene	95-50-1	ug/L	8/26/2021	0.37	1		<1.00
MW-37	d	1,4-Dichlorobenzene	106-46-7	ug/L	8/26/2021	0.23	1		<1.00
MW-37	d	Dichlorodifluoromethane	75-71-8	ug/L	8/26/2021	0.25	3	*+	<3.00
MW-37	d	1,1-Dichloroethane	75-34-3	ug/L	8/26/2021	0.22	1		<1.00
MW-37	d	1,2-Dichloroethane	107-06-2	ug/L	8/26/2021	0.39	1		<1.00
MW-37	d	1,1-Dichloroethene	75-35-4	ug/L	8/26/2021	0.56	2		<2.00
MW-37	d	1,2-Dichloropropane	78-87-5	ug/L	8/26/2021	0.27	1		<1.00
MW-37	d	Ethylbenzene	100-41-4	ug/L	8/26/2021	0.31	1		<1.00
MW-37	d	2-Hexanone	591-78-6	ug/L	8/26/2021	2	10		<10.0
MW-37	d	Iodomethane	74-88-4	ug/L	8/26/2021	7	10		<10.0
MW-37	d	Methylene Chloride	75-09-2	ug/L	8/26/2021	1.7	5		<5.00
MW-37	d	4-Methyl-2-Pentanone	108-10-1	ug/L	8/26/2021	2.1	10		<10.0
MW-37	d	Styrene	100-42-5	ug/L	8/26/2021	0.37	1		<1.00
MW-37	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	8/26/2021	0.38	1		<1.00
MW-37	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	8/26/2021	0.47	1		<1.00
MW-37	d	Tetrachloroethene	127-18-4	ug/L	8/26/2021	0.48	1		<1.00
MW-37	d	Toluene	108-88-3	ug/L	8/26/2021	0.43	1		<1.00
MW-37	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	8/26/2021	1.1	10		<10.0
MW-37	d	trans-1,2-Dichloroethene	156-60-5	ug/L	8/26/2021	0.27	1		<1.00
MW-37	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	8/26/2021	0.56	5		<5.00
MW-37	d	1,1,1-Trichloroethane	71-55-6	ug/L	8/26/2021	0.19	1		<1.00
MW-37	d	1,1,2-Trichloroethane	79-00-5	ug/L	8/26/2021	0.45	1		<1.00
MW-37	d	Trichloroethene	79-01-6	ug/L	8/26/2021	0.43	1		<1.00
MW-37	d	Trichlorofluoromethane	75-69-4	ug/L	8/26/2021	0.38	4		<4.00
MW-37	d	1,2,3-Trichloropropane	96-18-4	ug/L	8/26/2021	0.59	1		<1.00
MW-37	d	Vinyl Acetate	108-05-4	ug/L	8/26/2021	2.5	10		<10.0
MW-37	d	Vinyl Chloride	75-01-4	ug/L	8/26/2021	0.18	1		<1.00
MW-37	d	Xylenes, total	1330-20-7	ug/L	8/26/2021	0.4	3		<3.00
MW-37	d	Total Suspended Solids	TSS	mg/L	8/26/2021	1.28	3.75		23.3
MW-66	d	Antimony	7440-36-0	mg/L	8/27/2021	0.0011	0.002		<0.00200
MW-66	d	Arsenic	7440-38-2	mg/L	8/27/2021	0.00075	0.002		<0.00200

Table 9B
Analytical Data Summary - Former CWTS
2024 Annual Water Quality Report
Phase II MSWLF and CWTS
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-66	d	Barium	7440-39-3	mg/L	8/27/2021	0.0003	0.002		0.0250
MW-66	d	Beryllium	7440-41-7	mg/L	8/27/2021	0.00027	0.001		<0.00100
MW-66	d	Cadmium	7440-43-9	mg/L	8/27/2021	0.000051	0.0001	J	0.0000710
MW-66	d	Chromium	7440-47-3	mg/L	8/27/2021	0.0011	0.005		<0.00500
MW-66	d	Cobalt	7440-48-4	mg/L	8/27/2021	0.000091	0.0005	J	0.000366
MW-66	d	Copper	7440-50-8	mg/L	8/27/2021	0.0014	0.005		<0.00500
MW-66	d	Lead	7439-92-1	mg/L	8/27/2021	0.00021	0.0005	J	0.000314
MW-66	d	Nickel	7440-02-0	mg/L	8/27/2021	0.0019	0.005		0.00798
MW-66	d	Selenium	7782-49-2	mg/L	8/27/2021	0.00096	0.005	J	0.00129
MW-66	d	Silver	7440-22-4	mg/L	8/27/2021	0.00042	0.001		<0.00100
MW-66	d	Thallium	7440-28-0	mg/L	8/27/2021	0.00026	0.001		0.00249
MW-66	d	Vanadium	7440-62-2	mg/L	8/27/2021	0.0011	0.005		<0.00500
MW-66	d	Zinc	7440-66-6	mg/L	8/27/2021	0.01	0.02	J	0.0103
MW-66	d	Acetone	67-64-1	ug/L	8/27/2021	3.1	10		<10.0
MW-66	d	Acrylonitrile	107-13-1	ug/L	8/27/2021	2.2	10		<10.0
MW-66	d	Benzene	71-43-2	ug/L	8/27/2021	0.22	0.5		<0.500
MW-66	d	Bromochloromethane	74-97-5	ug/L	8/27/2021	0.54	5		<5.00
MW-66	d	Bromodichloromethane	75-27-4	ug/L	8/27/2021	0.39	1		<1.00
MW-66	d	Bromoform	75-25-2	ug/L	8/27/2021	0.78	5		<5.00
MW-66	d	Bromomethane	74-83-9	ug/L	8/27/2021	1.1	4		<4.00
MW-66	d	2-Butanone	78-93-3	ug/L	8/27/2021	2.1	10		<10.0
MW-66	d	Carbon Disulfide	75-15-0	ug/L	8/27/2021	0.45	1		<1.00
MW-66	d	Carbon Tetrachloride	56-23-5	ug/L	8/27/2021	0.65	2		<2.00
MW-66	d	Chlorobenzene	108-90-7	ug/L	8/27/2021	0.4	1		<1.00
MW-66	d	Chlorodibromomethane	124-48-1	ug/L	8/27/2021	0.75	5		<5.00
MW-66	d	Chloroethane	75-00-3	ug/L	8/27/2021	0.79	4		<4.00
MW-66	d	Chloroform	67-66-3	ug/L	8/27/2021	1.3	3		<3.00
MW-66	d	Chloromethane	74-87-3	ug/L	8/27/2021	0.61	3		<3.00
MW-66	d	cis-1,2-Dichloroethene	156-59-2	ug/L	8/27/2021	0.21	1		<1.00
MW-66	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	8/27/2021	0.25	5		<5.00
MW-66	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	8/27/2021	1.2	1.2		<1.20
MW-66	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	8/27/2021	0.34	0.34		<0.340
MW-66	d	Methylene Bromide	74-95-3	ug/L	8/27/2021	0.33	1		<1.00
MW-66	d	1,2-Dichlorobenzene	95-50-1	ug/L	8/27/2021	0.37	1		<1.00
MW-66	d	1,4-Dichlorobenzene	106-46-7	ug/L	8/27/2021	0.23	1		<1.00
MW-66	d	1,1-Dichloroethane	75-34-3	ug/L	8/27/2021	0.22	1		<1.00
MW-66	d	1,2-Dichloroethane	107-06-2	ug/L	8/27/2021	0.39	1		<1.00
MW-66	d	1,1-Dichloroethene	75-35-4	ug/L	8/27/2021	0.56	2		<2.00
MW-66	d	1,2-Dichloropropane	78-87-5	ug/L	8/27/2021	0.27	1		<1.00
MW-66	d	Ethylbenzene	100-41-4	ug/L	8/27/2021	0.31	1		<1.00
MW-66	d	2-Hexanone	591-78-6	ug/L	8/27/2021	2	10		<10.0
MW-66	d	Iodomethane	74-88-4	ug/L	8/27/2021	7	10		<10.0
MW-66	d	Methylene Chloride	75-09-2	ug/L	8/27/2021	1.7	5		<5.00
MW-66	d	4-Methyl-2-Pentanone	108-10-1	ug/L	8/27/2021	2.1	10		<10.0
MW-66	d	Styrene	100-42-5	ug/L	8/27/2021	0.37	1		<1.00
MW-66	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	8/27/2021	0.38	1		<1.00
MW-66	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	8/27/2021	0.47	1		<1.00
MW-66	d	Tetrachloroethene	127-18-4	ug/L	8/27/2021	0.48	1		<1.00
MW-66	d	Toluene	108-88-3	ug/L	8/27/2021	0.43	1		<1.00
MW-66	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	8/27/2021	1.1	10		<10.0
MW-66	d	trans-1,2-Dichloroethene	156-60-5	ug/L	8/27/2021	0.27	1		<1.00
MW-66	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	8/27/2021	0.56	5		<5.00
MW-66	d	1,1,1-Trichloroethane	71-55-6	ug/L	8/27/2021	0.19	1		<1.00
MW-66	d	1,1,2-Trichloroethane	79-00-5	ug/L	8/27/2021	0.45	1		<1.00
MW-66	d	Trichloroethene	79-01-6	ug/L	8/27/2021	0.43	1		<1.00
MW-66	d	Trichlorofluoromethane	75-69-4	ug/L	8/27/2021	0.38	4		<4.00
MW-66	d	1,2,3-Trichloropropane	96-18-4	ug/L	8/27/2021	0.59	1		<1.00
MW-66	d	Vinyl Acetate	108-05-4	ug/L	8/27/2021	2.5	10		<10.0
MW-66	d	Vinyl Chloride	75-01-4	ug/L	8/27/2021	0.18	1		<1.00
MW-66	d	Xylenes, total	1330-20-7	ug/L	8/27/2021	0.4	3		<3.00
MW-66	d	Total Suspended Solids	TSS	mg/L	8/27/2021	1.28	3.75		6.25
MW-36	d	Boron	7440-42-8	mg/L	8/27/2021	0.058	0.1		0.284
MW-36	d	Total Suspended Solids	TSS	mg/L	8/27/2021	0.638	1.88		8.50
MW-49R	u	Antimony	7440-36-0	mg/L	8/27/2021	0.0011	0.002		<0.00200

Table 9B
Analytical Data Summary - Former CWTS
2024 Annual Water Quality Report
Phase II MSWLF and CWTS
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-49R	u	Arsenic	7440-38-2	mg/L	8/27/2021	0.00075	0.002		<0.00200
MW-49R	u	Barium	7440-39-3	mg/L	8/27/2021	0.0003	0.002		0.232
MW-49R	u	Beryllium	7440-41-7	mg/L	8/27/2021	0.00027	0.001		<0.00100
MW-49R	u	Cadmium	7440-43-9	mg/L	8/27/2021	0.000051	0.0001		<0.000100
MW-49R	u	Chromium	7440-47-3	mg/L	8/27/2021	0.0011	0.005		<0.00500
MW-49R	u	Cobalt	7440-48-4	mg/L	8/27/2021	0.000091	0.0005	J	0.000454
MW-49R	u	Copper	7440-50-8	mg/L	8/27/2021	0.0014	0.005		<0.00500
MW-49R	u	Lead	7439-92-1	mg/L	8/27/2021	0.00021	0.0005		<0.000500
MW-49R	u	Nickel	7440-02-0	mg/L	8/27/2021	0.0019	0.005		<0.00500
MW-49R	u	Selenium	7782-49-2	mg/L	8/27/2021	0.00096	0.005		<0.00500
MW-49R	u	Silver	7440-22-4	mg/L	8/27/2021	0.00042	0.001		<0.00100
MW-49R	u	Thallium	7440-28-0	mg/L	8/27/2021	0.00026	0.001		<0.00100
MW-49R	u	Vanadium	7440-62-2	mg/L	8/27/2021	0.0011	0.005		<0.00500
MW-49R	u	Zinc	7440-66-6	mg/L	8/27/2021	0.01	0.02		<0.0200
MW-49R	u	Acetone	67-64-1	ug/L	8/27/2021	3.1	10		<10.0
MW-49R	u	Acrylonitrile	107-13-1	ug/L	8/27/2021	2.2	10		<10.0
MW-49R	u	Benzene	71-43-2	ug/L	8/27/2021	0.22	0.5		<0.500
MW-49R	u	Bromochloromethane	74-97-5	ug/L	8/27/2021	0.54	5		<5.00
MW-49R	u	Bromodichloromethane	75-27-4	ug/L	8/27/2021	0.39	1		<1.00
MW-49R	u	Bromoform	75-25-2	ug/L	8/27/2021	0.78	5		<5.00
MW-49R	u	Bromomethane	74-83-9	ug/L	8/27/2021	1.1	4		<4.00
MW-49R	u	2-Butanone	78-93-3	ug/L	8/27/2021	2.1	10		<10.0
MW-49R	u	Carbon Disulfide	75-15-0	ug/L	8/27/2021	0.45	1		<1.00
MW-49R	u	Carbon Tetrachloride	56-23-5	ug/L	8/27/2021	0.65	2		<2.00
MW-49R	u	Chlorobenzene	108-90-7	ug/L	8/27/2021	0.4	1		<1.00
MW-49R	u	Chlorodibromomethane	124-48-1	ug/L	8/27/2021	0.75	5		<5.00
MW-49R	u	Chloroethane	75-00-3	ug/L	8/27/2021	0.79	4		<4.00
MW-49R	u	Chloroform	67-66-3	ug/L	8/27/2021	1.3	3		<3.00
MW-49R	u	Chloromethane	74-87-3	ug/L	8/27/2021	0.61	3		<3.00
MW-49R	u	cis-1,2-Dichloroethene	156-59-2	ug/L	8/27/2021	0.21	1		<1.00
MW-49R	u	cis-1,3-Dichloropropene	10061-01-5	ug/L	8/27/2021	0.25	5		<5.00
MW-49R	u	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	8/27/2021	1.2	1.2		<1.20
MW-49R	u	1,2-Dibromoethane [EDB]	106-93-4	ug/L	8/27/2021	0.34	0.34		<0.340
MW-49R	u	Methylene Bromide	74-95-3	ug/L	8/27/2021	0.33	1		<1.00
MW-49R	u	1,2-Dichlorobenzene	95-50-1	ug/L	8/27/2021	0.37	1		<1.00
MW-49R	u	1,4-Dichlorobenzene	106-46-7	ug/L	8/27/2021	0.23	1		<1.00
MW-49R	u	1,1-Dichloroethane	75-34-3	ug/L	8/27/2021	0.22	1		<1.00
MW-49R	u	1,2-Dichloroethane	107-06-2	ug/L	8/27/2021	0.39	1		<1.00
MW-49R	u	1,1-Dichloroethene	75-35-4	ug/L	8/27/2021	0.56	2		<2.00
MW-49R	u	1,2-Dichloropropane	78-87-5	ug/L	8/27/2021	0.27	1		<1.00
MW-49R	u	Ethylbenzene	100-41-4	ug/L	8/27/2021	0.31	1		<1.00
MW-49R	u	2-Hexanone	591-78-6	ug/L	8/27/2021	2	10		<10.0
MW-49R	u	Iodomethane	74-88-4	ug/L	8/27/2021	7	10		<10.0
MW-49R	u	Methylene Chloride	75-09-2	ug/L	8/27/2021	1.7	5		<5.00
MW-49R	u	4-Methyl-2-Pentanone	108-10-1	ug/L	8/27/2021	2.1	10		<10.0
MW-49R	u	Styrene	100-42-5	ug/L	8/27/2021	0.37	1		<1.00
MW-49R	u	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	8/27/2021	0.38	1		<1.00
MW-49R	u	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	8/27/2021	0.47	1		<1.00
MW-49R	u	Tetrachloroethene	127-18-4	ug/L	8/27/2021	0.48	1		<1.00
MW-49R	u	Toluene	108-88-3	ug/L	8/27/2021	0.43	1		<1.00
MW-49R	u	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	8/27/2021	1.1	10		<10.0
MW-49R	u	trans-1,2-Dichloroethene	156-60-5	ug/L	8/27/2021	0.27	1		<1.00
MW-49R	u	trans-1,3-Dichloropropene	10061-02-6	ug/L	8/27/2021	0.56	5		<5.00
MW-49R	u	1,1,1-Trichloroethane	71-55-6	ug/L	8/27/2021	0.19	1		<1.00
MW-49R	u	1,1,2-Trichloroethane	79-00-5	ug/L	8/27/2021	0.45	1		<1.00
MW-49R	u	Trichloroethene	79-01-6	ug/L	8/27/2021	0.43	1		<1.00
MW-49R	u	Trichlorofluoromethane	75-69-4	ug/L	8/27/2021	0.38	4		<4.00
MW-49R	u	1,2,3-Trichloropropane	96-18-4	ug/L	8/27/2021	0.59	1		<1.00
MW-49R	u	Vinyl Acetate	108-05-4	ug/L	8/27/2021	2.5	10		<10.0
MW-49R	u	Vinyl Chloride	75-01-4	ug/L	8/27/2021	0.18	1		<1.00
MW-49R	u	Xylenes, total	1330-20-7	ug/L	8/27/2021	0.4	3		<3.00
MW-49R	u	Total Suspended Solids	TSS	mg/L	8/27/2021	0.638	1.88		7.13
MW-66	d	Antimony	7440-36-0	mg/L	4/20/2022	0.00276	0.008		<0.00800
MW-66	d	Arsenic	7440-38-2	mg/L	4/20/2022	0.003	0.008		<0.00800

Table 9B
Analytical Data Summary - Former CWTS
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Phase II MSWLF and CWTS
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-66	d	Barium	7440-39-3	mg/L	4/20/2022	0.00352	0.008		0.0126
MW-66	d	Beryllium	7440-41-7	mg/L	4/20/2022	0.00108	0.004		<0.00400
MW-66	d	Cadmium	7440-43-9	mg/L	4/20/2022	0.00022	0.0004		<0.000400
MW-66	d	Chromium	7440-47-3	mg/L	4/20/2022	0.0044	0.02		<0.0200
MW-66	d	Cobalt	7440-48-4	mg/L	4/20/2022	0.00076	0.002		<0.00200
MW-66	d	Copper	7440-50-8	mg/L	4/20/2022	0.0072	0.02		<0.0200
MW-66	d	Lead	7439-92-1	mg/L	4/20/2022	0.00096	0.002		<0.00200
MW-66	d	Nickel	7440-02-0	mg/L	4/20/2022	0.0076	0.02		<0.0200
MW-66	d	Selenium	7782-49-2	mg/L	4/20/2022	0.00384	0.02		<0.0200
MW-66	d	Silver	7440-22-4	mg/L	4/20/2022	0.00196	0.004		<0.00400
MW-66	d	Thallium	7440-28-0	mg/L	4/20/2022	0.00104	0.004		<0.00400
MW-66	d	Vanadium	7440-62-2	mg/L	4/20/2022	0.0044	0.02		<0.0200
MW-66	d	Zinc	7440-66-6	mg/L	4/20/2022	0.04	0.08		<0.0800
MW-66	d	Acetone	67-64-1	ug/L	4/20/2022	3.1	10		<10.0
MW-66	d	Acrylonitrile	107-13-1	ug/L	4/20/2022	2.2	10		<10.0
MW-66	d	Benzene	71-43-2	ug/L	4/20/2022	0.22	0.5		<0.500
MW-66	d	Bromochloromethane	74-97-5	ug/L	4/20/2022	0.54	5		<5.00
MW-66	d	Bromodichloromethane	75-27-4	ug/L	4/20/2022	0.39	1		<1.00
MW-66	d	Bromoform	75-25-2	ug/L	4/20/2022	0.78	5		<5.00
MW-66	d	Bromomethane	74-83-9	ug/L	4/20/2022	1.1	4		<4.00
MW-66	d	2-Butanone	78-93-3	ug/L	4/20/2022	2.1	10		<10.0
MW-66	d	Carbon Disulfide	75-15-0	ug/L	4/20/2022	0.45	1		<1.00
MW-66	d	Carbon Tetrachloride	56-23-5	ug/L	4/20/2022	0.65	2		<2.00
MW-66	d	Chlorobenzene	108-90-7	ug/L	4/20/2022	0.4	1		<1.00
MW-66	d	Chlorodibromomethane	124-48-1	ug/L	4/20/2022	0.75	5		<5.00
MW-66	d	Chloroethane	75-00-3	ug/L	4/20/2022	0.79	4		<4.00
MW-66	d	Chloroform	67-66-3	ug/L	4/20/2022	1.3	3		<3.00
MW-66	d	Chloromethane	74-87-3	ug/L	4/20/2022	0.61	3		<3.00
MW-66	d	cis-1,2-Dichloroethene	156-59-2	ug/L	4/20/2022	0.21	1		<1.00
MW-66	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	4/20/2022	0.25	5		<5.00
MW-66	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	4/20/2022	1.2	1.2		<1.20
MW-66	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	4/20/2022	0.34	0.34		<0.340
MW-66	d	Methylene Bromide	74-95-3	ug/L	4/20/2022	0.33	1		<1.00
MW-66	d	1,2-Dichlorobenzene	95-50-1	ug/L	4/20/2022	0.37	1		<1.00
MW-66	d	1,4-Dichlorobenzene	106-46-7	ug/L	4/20/2022	0.23	1		<1.00
MW-66	d	1,1-Dichloroethane	75-34-3	ug/L	4/20/2022	0.22	1		<1.00
MW-66	d	1,2-Dichloroethane	107-06-2	ug/L	4/20/2022	0.39	1		<1.00
MW-66	d	1,1-Dichloroethene	75-35-4	ug/L	4/20/2022	0.56	2		<2.00
MW-66	d	1,2-Dichloropropane	78-87-5	ug/L	4/20/2022	0.27	1		<1.00
MW-66	d	Ethylbenzene	100-41-4	ug/L	4/20/2022	0.31	1		<1.00
MW-66	d	2-Hexanone	591-78-6	ug/L	4/20/2022	2	10		<10.0
MW-66	d	Iodomethane	74-88-4	ug/L	4/20/2022	7	10		<10.0
MW-66	d	Methylene Chloride	75-09-2	ug/L	4/20/2022	1.7	5		<5.00
MW-66	d	4-Methyl-2-Pentanone	108-10-1	ug/L	4/20/2022	2.1	10		<10.0
MW-66	d	Styrene	100-42-5	ug/L	4/20/2022	0.37	1		<1.00
MW-66	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	4/20/2022	0.38	1		<1.00
MW-66	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	4/20/2022	0.47	1		<1.00
MW-66	d	Tetrachloroethene	127-18-4	ug/L	4/20/2022	0.48	1		<1.00
MW-66	d	Toluene	108-88-3	ug/L	4/20/2022	0.43	1		<1.00
MW-66	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	4/20/2022	1.1	10		<10.0
MW-66	d	trans-1,2-Dichloroethene	156-60-5	ug/L	4/20/2022	0.27	1		<1.00
MW-66	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	4/20/2022	0.56	5		<5.00
MW-66	d	1,1,1-Trichloroethane	71-55-6	ug/L	4/20/2022	0.19	1		<1.00
MW-66	d	1,1,2-Trichloroethane	79-00-5	ug/L	4/20/2022	0.45	1		<1.00
MW-66	d	Trichloroethene	79-01-6	ug/L	4/20/2022	0.43	1		<1.00
MW-66	d	Trichlorofluoromethane	75-69-4	ug/L	4/20/2022	0.38	4		<4.00
MW-66	d	1,2,3-Trichloropropane	96-18-4	ug/L	4/20/2022	0.59	1		<1.00
MW-66	d	Vinyl Acetate	108-05-4	ug/L	4/20/2022	2.5	10		<10.0
MW-66	d	Vinyl Chloride	75-01-4	ug/L	4/20/2022	0.18	1		<1.00
MW-66	d	Xylenes, total	1330-20-7	ug/L	4/20/2022	0.4	3		<3.00
MW-66	d	Total Suspended Solids	TSS	mg/L	4/20/2022	0.638	1.88		2.00
MW-37	d	Antimony	7440-36-0	mg/L	4/20/2022	0.00069	0.002		<0.00200
MW-37	d	Arsenic	7440-38-2	mg/L	4/20/2022	0.00075	0.002	J	0.00100
MW-37	d	Barium	7440-39-3	mg/L	4/20/2022	0.00088	0.002		0.0714

Table 9B
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Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-37	d	Beryllium	7440-41-7	mg/L	4/20/2022	0.00027	0.001		<0.00100
MW-37	d	Cadmium	7440-43-9	mg/L	4/20/2022	0.000055	0.0001		0.000106
MW-37	d	Chromium	7440-47-3	mg/L	4/20/2022	0.0011	0.005	J	0.00165
MW-37	d	Cobalt	7440-48-4	mg/L	4/20/2022	0.00019	0.0005		0.00110
MW-37	d	Copper	7440-50-8	mg/L	4/20/2022	0.0018	0.005		0.00628
MW-37	d	Lead	7439-92-1	mg/L	4/20/2022	0.00024	0.0005		0.00476
MW-37	d	Nickel	7440-02-0	mg/L	4/20/2022	0.0019	0.005	J	0.00322
MW-37	d	Selenium	7782-49-2	mg/L	4/20/2022	0.00096	0.005		<0.00500
MW-37	d	Silver	7440-22-4	mg/L	4/20/2022	0.00049	0.001		<0.00100
MW-37	d	Thallium	7440-28-0	mg/L	4/20/2022	0.00026	0.001		<0.00100
MW-37	d	Vanadium	7440-62-2	mg/L	4/20/2022	0.0011	0.005	J	0.00416
MW-37	d	Zinc	7440-66-6	mg/L	4/20/2022	0.01	0.02		0.0324
MW-37	d	Acetone	67-64-1	ug/L	4/20/2022	3.1	10		<10.0
MW-37	d	Acrylonitrile	107-13-1	ug/L	4/20/2022	2.2	10		<10.0
MW-37	d	Benzene	71-43-2	ug/L	4/20/2022	0.22	0.5		<0.500
MW-37	d	Bromochloromethane	74-97-5	ug/L	4/20/2022	0.54	5		<5.00
MW-37	d	Bromodichloromethane	75-27-4	ug/L	4/20/2022	0.39	1		<1.00
MW-37	d	Bromoform	75-25-2	ug/L	4/20/2022	0.78	5		<5.00
MW-37	d	Bromomethane	74-83-9	ug/L	4/20/2022	1.1	4		<4.00
MW-37	d	2-Butanone	78-93-3	ug/L	4/20/2022	2.1	10		<10.0
MW-37	d	Carbon Disulfide	75-15-0	ug/L	4/20/2022	0.45	1		<1.00
MW-37	d	Carbon Tetrachloride	56-23-5	ug/L	4/20/2022	0.65	2		<2.00
MW-37	d	Chlorobenzene	108-90-7	ug/L	4/20/2022	0.4	1		<1.00
MW-37	d	Chlorodibromomethane	124-48-1	ug/L	4/20/2022	0.75	5		<5.00
MW-37	d	Chloroethane	75-00-3	ug/L	4/20/2022	0.79	4		<4.00
MW-37	d	Chloroform	67-66-3	ug/L	4/20/2022	1.3	3		<3.00
MW-37	d	Chloromethane	74-87-3	ug/L	4/20/2022	0.61	3		<3.00
MW-37	d	cis-1,2-Dichloroethene	156-59-2	ug/L	4/20/2022	0.21	1		<1.00
MW-37	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	4/20/2022	0.25	5		<5.00
MW-37	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	4/20/2022	1.2	1.2		<1.20
MW-37	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	4/20/2022	0.34	0.34		<0.340
MW-37	d	Methylene Bromide	74-95-3	ug/L	4/20/2022	0.33	1		<1.00
MW-37	d	1,2-Dichlorobenzene	95-50-1	ug/L	4/20/2022	0.37	1		<1.00
MW-37	d	1,4-Dichlorobenzene	106-46-7	ug/L	4/20/2022	0.23	1		<1.00
MW-37	d	1,1-Dichloroethane	75-34-3	ug/L	4/20/2022	0.22	1		<1.00
MW-37	d	1,2-Dichloroethane	107-06-2	ug/L	4/20/2022	0.39	1		<1.00
MW-37	d	1,1-Dichloroethene	75-35-4	ug/L	4/20/2022	0.56	2		<2.00
MW-37	d	1,2-Dichloropropane	78-87-5	ug/L	4/20/2022	0.27	1		<1.00
MW-37	d	Ethylbenzene	100-41-4	ug/L	4/20/2022	0.31	1		<1.00
MW-37	d	2-Hexanone	591-78-6	ug/L	4/20/2022	2	10		<10.0
MW-37	d	Iodomethane	74-88-4	ug/L	4/20/2022	7	10		<10.0
MW-37	d	Methylene Chloride	75-09-2	ug/L	4/20/2022	1.7	5		<5.00
MW-37	d	4-Methyl-2-Pentanone	108-10-1	ug/L	4/20/2022	2.1	10		<10.0
MW-37	d	Styrene	100-42-5	ug/L	4/20/2022	0.37	1		<1.00
MW-37	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	4/20/2022	0.38	1		<1.00
MW-37	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	4/20/2022	0.47	1		<1.00
MW-37	d	Tetrachloroethene	127-18-4	ug/L	4/20/2022	0.48	1		<1.00
MW-37	d	Toluene	108-88-3	ug/L	4/20/2022	0.43	1		<1.00
MW-37	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	4/20/2022	1.1	10		<10.0
MW-37	d	trans-1,2-Dichloroethene	156-60-5	ug/L	4/20/2022	0.27	1		<1.00
MW-37	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	4/20/2022	0.56	5		<5.00
MW-37	d	1,1,1-Trichloroethane	71-55-6	ug/L	4/20/2022	0.19	1		<1.00
MW-37	d	1,1,2-Trichloroethane	79-00-5	ug/L	4/20/2022	0.45	1		<1.00
MW-37	d	Trichloroethene	79-01-6	ug/L	4/20/2022	0.43	1		<1.00
MW-37	d	Trichlorofluoromethane	75-69-4	ug/L	4/20/2022	0.38	4		<4.00
MW-37	d	1,2,3-Trichloropropane	96-18-4	ug/L	4/20/2022	0.59	1		<1.00
MW-37	d	Vinyl Acetate	108-05-4	ug/L	4/20/2022	2.5	10		<10.0
MW-37	d	Vinyl Chloride	75-01-4	ug/L	4/20/2022	0.18	1		<1.00
MW-37	d	Xylenes, total	1330-20-7	ug/L	4/20/2022	0.4	3		<3.00
MW-37	d	Total Suspended Solids	TSS	mg/L	4/20/2022	5.1	15		114
MW-66	d	Antimony	7440-36-0	mg/L	11/14/2022	0.00069	0.002		<0.00200
MW-66	d	Arsenic	7440-38-2	mg/L	11/14/2022	0.00075	0.002		<0.00200
MW-66	d	Barium	7440-39-3	mg/L	11/14/2022	0.00088	0.002		0.0113
MW-66	d	Beryllium	7440-41-7	mg/L	11/14/2022	0.00027	0.001		<0.00100

Table 9B
Analytical Data Summary - Former CWTS
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Phase II MSWLF and CWTS
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-66	d	Cadmium	7440-43-9	mg/L	11/14/2022	0.000055	0.0001	J	0.0000580
MW-66	d	Chromium	7440-47-3	mg/L	11/14/2022	0.0011	0.005		<0.00500
MW-66	d	Cobalt	7440-48-4	mg/L	11/14/2022	0.00019	0.0005		<0.000500
MW-66	d	Copper	7440-50-8	mg/L	11/14/2022	0.0018	0.005		<0.00500
MW-66	d	Lead	7439-92-1	mg/L	11/14/2022	0.00024	0.0005		<0.000500
MW-66	d	Nickel	7440-02-0	mg/L	11/14/2022	0.0019	0.005	J	0.00269
MW-66	d	Selenium	7782-49-2	mg/L	11/14/2022	0.00096	0.005		<0.00500
MW-66	d	Silver	7440-22-4	mg/L	11/14/2022	0.00049	0.001		<0.00100
MW-66	d	Thallium	7440-28-0	mg/L	11/14/2022	0.00026	0.001		<0.00100
MW-66	d	Vanadium	7440-62-2	mg/L	11/14/2022	0.0011	0.005		<0.00500
MW-66	d	Zinc	7440-66-6	mg/L	11/14/2022	0.01	0.02		<0.0200
MW-66	d	Acetone	67-64-1	ug/L	11/14/2022	3.1	10		<10.0
MW-66	d	Acrylonitrile	107-13-1	ug/L	11/14/2022	2.2	10		<10.0
MW-66	d	Benzene	71-43-2	ug/L	11/14/2022	0.22	0.5		<0.500
MW-66	d	Bromochloromethane	74-97-5	ug/L	11/14/2022	0.54	5		<5.00
MW-66	d	Bromodichloromethane	75-27-4	ug/L	11/14/2022	0.39	1		<1.00
MW-66	d	Bromoform	75-25-2	ug/L	11/14/2022	0.78	5		<5.00
MW-66	d	Bromomethane	74-83-9	ug/L	11/14/2022	1.1	4		<4.00
MW-66	d	2-Butanone	78-93-3	ug/L	11/14/2022	2.1	10		<10.0
MW-66	d	Carbon Disulfide	75-15-0	ug/L	11/14/2022	0.45	1		<1.00
MW-66	d	Carbon Tetrachloride	56-23-5	ug/L	11/14/2022	0.65	2		<2.00
MW-66	d	Chlorobenzene	108-90-7	ug/L	11/14/2022	0.4	1		<1.00
MW-66	d	Chlorodibromomethane	124-48-1	ug/L	11/14/2022	0.75	5		<5.00
MW-66	d	Chloroethane	75-00-3	ug/L	11/14/2022	0.79	4		<4.00
MW-66	d	Chloroform	67-66-3	ug/L	11/14/2022	1.3	3		<3.00
MW-66	d	Chloromethane	74-87-3	ug/L	11/14/2022	0.61	3		<3.00
MW-66	d	cis-1,2-Dichloroethene	156-59-2	ug/L	11/14/2022	0.21	1		<1.00
MW-66	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	11/14/2022	0.25	5		<5.00
MW-66	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	11/14/2022	1.2	1.2		<1.20
MW-66	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	11/14/2022	0.34	0.34		<0.340
MW-66	d	Methylene Bromide	74-95-3	ug/L	11/14/2022	0.33	1		<1.00
MW-66	d	1,2-Dichlorobenzene	95-50-1	ug/L	11/14/2022	0.37	1		<1.00
MW-66	d	1,4-Dichlorobenzene	106-46-7	ug/L	11/14/2022	0.23	1		<1.00
MW-66	d	1,1-Dichloroethane	75-34-3	ug/L	11/14/2022	0.22	1		<1.00
MW-66	d	1,2-Dichloroethane	107-06-2	ug/L	11/14/2022	0.39	1		<1.00
MW-66	d	1,1-Dichloroethene	75-35-4	ug/L	11/14/2022	0.56	2		<2.00
MW-66	d	1,2-Dichloropropane	78-87-5	ug/L	11/14/2022	0.27	1		<1.00
MW-66	d	Ethylbenzene	100-41-4	ug/L	11/14/2022	0.31	1		<1.00
MW-66	d	2-Hexanone	591-78-6	ug/L	11/14/2022	2	10		<10.0
MW-66	d	Iodomethane	74-88-4	ug/L	11/14/2022	7	10		<10.0
MW-66	d	Methylene Chloride	75-09-2	ug/L	11/14/2022	1.7	5		<5.00
MW-66	d	4-Methyl-2-Pentanone	108-10-1	ug/L	11/14/2022	2.1	10		<10.0
MW-66	d	Styrene	100-42-5	ug/L	11/14/2022	0.37	1		<1.00
MW-66	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	11/14/2022	0.38	1		<1.00
MW-66	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	11/14/2022	0.47	1		<1.00
MW-66	d	Tetrachloroethene	127-18-4	ug/L	11/14/2022	0.48	1		<1.00
MW-66	d	Toluene	108-88-3	ug/L	11/14/2022	0.43	1		<1.00
MW-66	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	11/14/2022	1.1	10		<10.0
MW-66	d	trans-1,2-Dichloroethene	156-60-5	ug/L	11/14/2022	0.27	1		<1.00
MW-66	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	11/14/2022	0.56	5		<5.00
MW-66	d	1,1,1-Trichloroethane	71-55-6	ug/L	11/14/2022	0.19	1		<1.00
MW-66	d	1,1,2-Trichloroethane	79-00-5	ug/L	11/14/2022	0.45	1		<1.00
MW-66	d	Trichloroethene	79-01-6	ug/L	11/14/2022	0.43	1		<1.00
MW-66	d	Trichlorofluoromethane	75-69-4	ug/L	11/14/2022	0.38	4		<4.00
MW-66	d	1,2,3-Trichloropropane	96-18-4	ug/L	11/14/2022	0.59	1		<1.00
MW-66	d	Vinyl Acetate	108-05-4	ug/L	11/14/2022	2.5	10		<10.0
MW-66	d	Vinyl Chloride	75-01-4	ug/L	11/14/2022	0.18	1		<1.00
MW-66	d	Xylenes, total	1330-20-7	ug/L	11/14/2022	0.4	3		<3.00
MW-66	d	Total Suspended Solids	TSS	mg/L	11/14/2022	1.28	3.75		9.25
MW-37	d	Antimony	7440-36-0	mg/L	11/14/2022	0.00069	0.002		<0.00200
MW-37	d	Arsenic	7440-38-2	mg/L	11/14/2022	0.00075	0.002	J	0.00106
MW-37	d	Barium	7440-39-3	mg/L	11/14/2022	0.00088	0.002		0.0421
MW-37	d	Beryllium	7440-41-7	mg/L	11/14/2022	0.00027	0.001		<0.00100
MW-37	d	Cadmium	7440-43-9	mg/L	11/14/2022	0.000055	0.0001		<0.000100

Table 9B
Analytical Data Summary - Former CWTS
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Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-37	d	Chromium	7440-47-3	mg/L	11/14/2022	0.0011	0.005		<0.00500
MW-37	d	Cobalt	7440-48-4	mg/L	11/14/2022	0.00019	0.0005		0.000596
MW-37	d	Copper	7440-50-8	mg/L	11/14/2022	0.0018	0.005	J	0.00297
MW-37	d	Lead	7439-92-1	mg/L	11/14/2022	0.00024	0.0005		0.000541
MW-37	d	Nickel	7440-02-0	mg/L	11/14/2022	0.0019	0.005		<0.00500
MW-37	d	Selenium	7782-49-2	mg/L	11/14/2022	0.00096	0.005		<0.00500
MW-37	d	Silver	7440-22-4	mg/L	11/14/2022	0.00049	0.001		<0.00100
MW-37	d	Thallium	7440-28-0	mg/L	11/14/2022	0.00026	0.001		<0.00100
MW-37	d	Vanadium	7440-62-2	mg/L	11/14/2022	0.0011	0.005	J	0.00124
MW-37	d	Zinc	7440-66-6	mg/L	11/14/2022	0.01	0.02		<0.0200
MW-37	d	Acetone	67-64-1	ug/L	11/14/2022	3.1	10		<10.0
MW-37	d	Acrylonitrile	107-13-1	ug/L	11/14/2022	2.2	10		<10.0
MW-37	d	Benzene	71-43-2	ug/L	11/14/2022	0.22	0.5		<0.500
MW-37	d	Bromochloromethane	74-97-5	ug/L	11/14/2022	0.54	5		<5.00
MW-37	d	Bromodichloromethane	75-27-4	ug/L	11/14/2022	0.39	1		<1.00
MW-37	d	Bromoform	75-25-2	ug/L	11/14/2022	0.78	5		<5.00
MW-37	d	Bromomethane	74-83-9	ug/L	11/14/2022	1.1	4		<4.00
MW-37	d	2-Butanone	78-93-3	ug/L	11/14/2022	2.1	10		<10.0
MW-37	d	Carbon Disulfide	75-15-0	ug/L	11/14/2022	0.45	1		<1.00
MW-37	d	Carbon Tetrachloride	56-23-5	ug/L	11/14/2022	0.65	2		<2.00
MW-37	d	Chlorobenzene	108-90-7	ug/L	11/14/2022	0.4	1		<1.00
MW-37	d	Chlorodibromomethane	124-48-1	ug/L	11/14/2022	0.75	5		<5.00
MW-37	d	Chloroethane	75-00-3	ug/L	11/14/2022	0.79	4		<4.00
MW-37	d	Chloroform	67-66-3	ug/L	11/14/2022	1.3	3		<3.00
MW-37	d	Chloromethane	74-87-3	ug/L	11/14/2022	0.61	3		<3.00
MW-37	d	cis-1,2-Dichloroethene	156-59-2	ug/L	11/14/2022	0.21	1		<1.00
MW-37	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	11/14/2022	0.25	5		<5.00
MW-37	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	11/14/2022	1.2	1.2		<1.20
MW-37	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	11/14/2022	0.34	0.34		<0.340
MW-37	d	Methylene Bromide	74-95-3	ug/L	11/14/2022	0.33	1		<1.00
MW-37	d	1,2-Dichlorobenzene	95-50-1	ug/L	11/14/2022	0.37	1		<1.00
MW-37	d	1,4-Dichlorobenzene	106-46-7	ug/L	11/14/2022	0.23	1		<1.00
MW-37	d	1,1-Dichloroethane	75-34-3	ug/L	11/14/2022	0.22	1		<1.00
MW-37	d	1,2-Dichloroethane	107-06-2	ug/L	11/14/2022	0.39	1		<1.00
MW-37	d	1,1-Dichloroethene	75-35-4	ug/L	11/14/2022	0.56	2		<2.00
MW-37	d	1,2-Dichloropropane	78-87-5	ug/L	11/14/2022	0.27	1		<1.00
MW-37	d	Ethylbenzene	100-41-4	ug/L	11/14/2022	0.31	1		<1.00
MW-37	d	2-Hexanone	591-78-6	ug/L	11/14/2022	2	10		<10.0
MW-37	d	Iodomethane	74-88-4	ug/L	11/14/2022	7	10		<10.0
MW-37	d	Methylene Chloride	75-09-2	ug/L	11/14/2022	1.7	5		<5.00
MW-37	d	4-Methyl-2-Pentanone	108-10-1	ug/L	11/14/2022	2.1	10		<10.0
MW-37	d	Styrene	100-42-5	ug/L	11/14/2022	0.37	1		<1.00
MW-37	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	11/14/2022	0.38	1		<1.00
MW-37	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	11/14/2022	0.47	1		<1.00
MW-37	d	Tetrachloroethene	127-18-4	ug/L	11/14/2022	0.48	1		<1.00
MW-37	d	Toluene	108-88-3	ug/L	11/14/2022	0.43	1		<1.00
MW-37	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	11/14/2022	1.1	10		<10.0
MW-37	d	trans-1,2-Dichloroethene	156-60-5	ug/L	11/14/2022	0.27	1		<1.00
MW-37	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	11/14/2022	0.56	5		<5.00
MW-37	d	1,1,1-Trichloroethane	71-55-6	ug/L	11/14/2022	0.19	1		<1.00
MW-37	d	1,1,2-Trichloroethane	79-00-5	ug/L	11/14/2022	0.45	1		<1.00
MW-37	d	Trichloroethene	79-01-6	ug/L	11/14/2022	0.43	1		<1.00
MW-37	d	Trichlorofluoromethane	75-69-4	ug/L	11/14/2022	0.38	4		<4.00
MW-37	d	1,2,3-Trichloropropane	96-18-4	ug/L	11/14/2022	0.59	1		<1.00
MW-37	d	Vinyl Acetate	108-05-4	ug/L	11/14/2022	2.5	10		<10.0
MW-37	d	Vinyl Chloride	75-01-4	ug/L	11/14/2022	0.18	1		<1.00
MW-37	d	Xylenes, total	1330-20-7	ug/L	11/14/2022	0.4	3		<3.00
MW-37	d	Total Suspended Solids	TSS	mg/L	11/14/2022	0.638	1.88		14.5
MW-37	d	Antimony	7440-36-0	mg/L	3/23/2023	0.00069	0.002		<0.00200
MW-37	d	Arsenic	7440-38-2	mg/L	3/23/2023	0.00075	0.002		<0.00200
MW-37	d	Barium	7440-39-3	mg/L	3/23/2023	0.00088	0.002		0.0706
MW-37	d	Beryllium	7440-41-7	mg/L	3/23/2023	0.00027	0.001		<0.00100
MW-37	d	Cadmium	7440-43-9	mg/L	3/23/2023	0.000055	0.0001		0.000112
MW-37	d	Chromium	7440-47-3	mg/L	3/23/2023	0.0011	0.005		<0.00500

Table 9B
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Phase II MSWLF and CWTS
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Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-37	d	Cobalt	7440-48-4	mg/L	3/23/2023	0.00019	0.0005	J	0.000343
MW-37	d	Copper	7440-50-8	mg/L	3/23/2023	0.0018	0.005	J	0.00370
MW-37	d	Lead	7439-92-1	mg/L	3/23/2023	0.00024	0.0005		0.00135
MW-37	d	Nickel	7440-02-0	mg/L	3/23/2023	0.0019	0.005		<0.00500
MW-37	d	Selenium	7782-49-2	mg/L	3/23/2023	0.00096	0.005		<0.00500
MW-37	d	Silver	7440-22-4	mg/L	3/23/2023	0.00049	0.001		<0.00100
MW-37	d	Thallium	7440-28-0	mg/L	3/23/2023	0.00026	0.001		<0.00100
MW-37	d	Vanadium	7440-62-2	mg/L	3/23/2023	0.0011	0.005	J	0.00162
MW-37	d	Zinc	7440-66-6	mg/L	3/23/2023	0.01	0.02	J	0.0112
MW-37	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	3/23/2023	0.38	1		<1.00
MW-37	d	1,1,1-Trichloroethane	71-55-6	ug/L	3/23/2023	0.19	1		<1.00
MW-37	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	3/23/2023	0.47	1		<1.00
MW-37	d	1,1,2-Trichloroethane	79-00-5	ug/L	3/23/2023	0.45	1		<1.00
MW-37	d	1,1-Dichloroethane	75-34-3	ug/L	3/23/2023	0.22	1		<1.00
MW-37	d	1,1-Dichloroethene	75-35-4	ug/L	3/23/2023	0.56	2		<2.00
MW-37	d	1,2,3-Trichloropropane	96-18-4	ug/L	3/23/2023	0.59	1		<1.00
MW-37	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	3/23/2023	1.2	5		<5.00
MW-37	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	3/23/2023	0.34	1		<1.00
MW-37	d	1,2-Dichlorobenzene	95-50-1	ug/L	3/23/2023	0.37	1		<1.00
MW-37	d	1,2-Dichloroethane	107-06-2	ug/L	3/23/2023	0.39	1		<1.00
MW-37	d	1,2-Dichloropropane	78-87-5	ug/L	3/23/2023	0.27	1		<1.00
MW-37	d	1,4-Dichlorobenzene	106-46-7	ug/L	3/23/2023	0.23	1		<1.00
MW-37	d	2-Butanone	78-93-3	ug/L	3/23/2023	2.1	10		<10.0
MW-37	d	2-Hexanone	591-78-6	ug/L	3/23/2023	2	10		<10.0
MW-37	d	4-Methyl-2-Pentanone	108-10-1	ug/L	3/23/2023	2.1	10		<10.0
MW-37	d	Acetone	67-64-1	ug/L	3/23/2023	3.1	10		<10.0
MW-37	d	Acrylonitrile	107-13-1	ug/L	3/23/2023	2.2	5		<5.00
MW-37	d	Benzene	71-43-2	ug/L	3/23/2023	0.22	0.5		<0.500
MW-37	d	Bromochloromethane	74-97-5	ug/L	3/23/2023	0.54	5		<5.00
MW-37	d	Bromodichloromethane	75-27-4	ug/L	3/23/2023	0.39	1		<1.00
MW-37	d	Bromoform	75-25-2	ug/L	3/23/2023	0.78	5		<5.00
MW-37	d	Bromomethane	74-83-9	ug/L	3/23/2023	1.1	4		<4.00
MW-37	d	Carbon Disulfide	75-15-0	ug/L	3/23/2023	0.45	1		<1.00
MW-37	d	Carbon Tetrachloride	56-23-5	ug/L	3/23/2023	0.65	2		<2.00
MW-37	d	Chlorobenzene	108-90-7	ug/L	3/23/2023	0.4	1		<1.00
MW-37	d	Chlorodibromomethane	124-48-1	ug/L	3/23/2023	0.75	5		<5.00
MW-37	d	Chloroethane	75-00-3	ug/L	3/23/2023	0.79	4		<4.00
MW-37	d	Chloroform	67-66-3	ug/L	3/23/2023	1.3	3		<3.00
MW-37	d	Chloromethane	74-87-3	ug/L	3/23/2023	0.61	3		<3.00
MW-37	d	cis-1,2-Dichloroethene	156-59-2	ug/L	3/23/2023	0.21	1		<1.00
MW-37	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	3/23/2023	0.25	5		<5.00
MW-37	d	Methylene Bromide	74-95-3	ug/L	3/23/2023	0.33	1		<1.00
MW-37	d	Ethylbenzene	100-41-4	ug/L	3/23/2023	0.31	1		<1.00
MW-37	d	Iodomethane	74-88-4	ug/L	3/23/2023	7	10		<10.0
MW-37	d	Methylene Chloride	75-09-2	ug/L	3/23/2023	1.7	5		<5.00
MW-37	d	Styrene	100-42-5	ug/L	3/23/2023	0.37	1		<1.00
MW-37	d	Tetrachloroethene	127-18-4	ug/L	3/23/2023	0.48	1		<1.00
MW-37	d	Toluene	108-88-3	ug/L	3/23/2023	0.43	1		<1.00
MW-37	d	trans-1,2-Dichloroethene	156-60-5	ug/L	3/23/2023	0.27	1		<1.00
MW-37	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	3/23/2023	0.56	5		<5.00
MW-37	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	3/23/2023	1.1	10		<10.0
MW-37	d	Trichloroethene	79-01-6	ug/L	3/23/2023	0.43	1		<1.00
MW-37	d	Trichlorofluoromethane	75-69-4	ug/L	3/23/2023	0.38	4		<4.00
MW-37	d	Vinyl Acetate	108-05-4	ug/L	3/23/2023	2.5	10		<10.0
MW-37	d	Vinyl Chloride	75-01-4	ug/L	3/23/2023	0.18	1		<1.00
MW-37	d	Xylenes, total	1330-20-7	ug/L	3/23/2023	0.4	3		<3.00
MW-37	d	Total Suspended Solids	TSS	mg/L	3/23/2023	0.638	1.88		41.3
MW-66	d	Antimony	7440-36-0	mg/L	3/23/2023	0.00069	0.002		<0.00200
MW-66	d	Arsenic	7440-38-2	mg/L	3/23/2023	0.00075	0.002	J	0.00108
MW-66	d	Barium	7440-39-3	mg/L	3/23/2023	0.00088	0.002		0.0257
MW-66	d	Beryllium	7440-41-7	mg/L	3/23/2023	0.00027	0.001		<0.00100
MW-66	d	Cadmium	7440-43-9	mg/L	3/23/2023	0.000055	0.0001		0.000132
MW-66	d	Chromium	7440-47-3	mg/L	3/23/2023	0.0011	0.005		<0.00500
MW-66	d	Cobalt	7440-48-4	mg/L	3/23/2023	0.00019	0.0005	J	0.000442

Table 9B
Analytical Data Summary - Former CWTS
2024 Annual Water Quality Report
Phase II MSWLF and CWTS
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-66	d	Copper	7440-50-8	mg/L	3/23/2023	0.0018	0.005		<0.00500
MW-66	d	Lead	7439-92-1	mg/L	3/23/2023	0.00024	0.0005		<0.000500
MW-66	d	Nickel	7440-02-0	mg/L	3/23/2023	0.0019	0.005		0.00525
MW-66	d	Selenium	7782-49-2	mg/L	3/23/2023	0.00096	0.005		<0.00500
MW-66	d	Silver	7440-22-4	mg/L	3/23/2023	0.00049	0.001		<0.00100
MW-66	d	Thallium	7440-28-0	mg/L	3/23/2023	0.00026	0.001		<0.00100
MW-66	d	Vanadium	7440-62-2	mg/L	3/23/2023	0.0011	0.005		<0.00500
MW-66	d	Zinc	7440-66-6	mg/L	3/23/2023	0.01	0.02	J	0.0135
MW-66	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	3/23/2023	0.38	1		<1.00
MW-66	d	1,1,1-Trichloroethane	71-55-6	ug/L	3/23/2023	0.19	1		<1.00
MW-66	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	3/23/2023	0.47	1		<1.00
MW-66	d	1,1,2-Trichloroethane	79-00-5	ug/L	3/23/2023	0.45	1		<1.00
MW-66	d	1,1-Dichloroethane	75-34-3	ug/L	3/23/2023	0.22	1		<1.00
MW-66	d	1,1-Dichloroethene	75-35-4	ug/L	3/23/2023	0.56	2		<2.00
MW-66	d	1,2,3-Trichloropropane	96-18-4	ug/L	3/23/2023	0.59	1		<1.00
MW-66	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	3/23/2023	1.2	5		<5.00
MW-66	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	3/23/2023	0.34	1		<1.00
MW-66	d	1,2-Dichlorobenzene	95-50-1	ug/L	3/23/2023	0.37	1		<1.00
MW-66	d	1,2-Dichloroethane	107-06-2	ug/L	3/23/2023	0.39	1		<1.00
MW-66	d	1,2-Dichloropropane	78-87-5	ug/L	3/23/2023	0.27	1		<1.00
MW-66	d	1,4-Dichlorobenzene	106-46-7	ug/L	3/23/2023	0.23	1		<1.00
MW-66	d	2-Butanone	78-93-3	ug/L	3/23/2023	2.1	10		<10.0
MW-66	d	2-Hexanone	591-78-6	ug/L	3/23/2023	2	10		<10.0
MW-66	d	4-Methyl-2-Pentanone	108-10-1	ug/L	3/23/2023	2.1	10		<10.0
MW-66	d	Acetone	67-64-1	ug/L	3/23/2023	3.1	10		<10.0
MW-66	d	Acrylonitrile	107-13-1	ug/L	3/23/2023	2.2	5		<5.00
MW-66	d	Benzene	71-43-2	ug/L	3/23/2023	0.22	0.5		<0.500
MW-66	d	Bromochloromethane	74-97-5	ug/L	3/23/2023	0.54	5		<5.00
MW-66	d	Bromodichloromethane	75-27-4	ug/L	3/23/2023	0.39	1		<1.00
MW-66	d	Bromoform	75-25-2	ug/L	3/23/2023	0.78	5		<5.00
MW-66	d	Bromomethane	74-83-9	ug/L	3/23/2023	1.1	4		<4.00
MW-66	d	Carbon Disulfide	75-15-0	ug/L	3/23/2023	0.45	1		<1.00
MW-66	d	Carbon Tetrachloride	56-23-5	ug/L	3/23/2023	0.65	2		<2.00
MW-66	d	Chlorobenzene	108-90-7	ug/L	3/23/2023	0.4	1		<1.00
MW-66	d	Chlorodibromomethane	124-48-1	ug/L	3/23/2023	0.75	5		<5.00
MW-66	d	Chloroethane	75-00-3	ug/L	3/23/2023	0.79	4		<4.00
MW-66	d	Chloroform	67-66-3	ug/L	3/23/2023	1.3	3		<3.00
MW-66	d	Chloromethane	74-87-3	ug/L	3/23/2023	0.61	3		<3.00
MW-66	d	cis-1,2-Dichloroethene	156-59-2	ug/L	3/23/2023	0.21	1		<1.00
MW-66	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	3/23/2023	0.25	5		<5.00
MW-66	d	Methylene Bromide	74-95-3	ug/L	3/23/2023	0.33	1		<1.00
MW-66	d	Ethylbenzene	100-41-4	ug/L	3/23/2023	0.31	1		<1.00
MW-66	d	Iodomethane	74-88-4	ug/L	3/23/2023	7	10		<10.0
MW-66	d	Methylene Chloride	75-09-2	ug/L	3/23/2023	1.7	5		<5.00
MW-66	d	Styrene	100-42-5	ug/L	3/23/2023	0.37	1		<1.00
MW-66	d	Tetrachloroethene	127-18-4	ug/L	3/23/2023	0.48	1		<1.00
MW-66	d	Toluene	108-88-3	ug/L	3/23/2023	0.43	1		<1.00
MW-66	d	trans-1,2-Dichloroethene	156-60-5	ug/L	3/23/2023	0.27	1		<1.00
MW-66	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	3/23/2023	0.56	5		<5.00
MW-66	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	3/23/2023	1.1	10		<10.0
MW-66	d	Trichloroethene	79-01-6	ug/L	3/23/2023	0.43	1		<1.00
MW-66	d	Trichlorofluoromethane	75-69-4	ug/L	3/23/2023	0.38	4		<4.00
MW-66	d	Vinyl Acetate	108-05-4	ug/L	3/23/2023	2.5	10		<10.0
MW-66	d	Vinyl Chloride	75-01-4	ug/L	3/23/2023	0.18	1		<1.00
MW-66	d	Xylenes, total	1330-20-7	ug/L	3/23/2023	0.4	3		<3.00
MW-66	d	Total Suspended Solids	TSS	mg/L	3/23/2023	0.638	1.88		<1.88
MW-37	d	Antimony	7440-36-0	mg/L	9/20/2023	0.001	0.002	0	<0.00200
MW-37	d	Arsenic	7440-38-2	mg/L	9/20/2023	0.00053	0.002	0	0.00259
MW-37	d	Barium	7440-39-3	mg/L	9/20/2023	0.00064	0.002	0	0.0587
MW-37	d	Beryllium	7440-41-7	mg/L	9/20/2023	0.00033	0.001	0	<0.00100
MW-37	d	Cadmium	7440-43-9	mg/L	9/20/2023	0.0001	0.0002	0	<0.000200
MW-37	d	Chromium	7440-47-3	mg/L	9/20/2023	0.0011	0.005	0	<0.00500
MW-37	d	Cobalt	7440-48-4	mg/L	9/20/2023	0.00017	0.0005	0	0.00133
MW-37	d	Copper	7440-50-8	mg/L	9/20/2023	0.0018	0.005	0	<0.00500

Table 9B
Analytical Data Summary - Former CWTS
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Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-37	d	Lead	7439-92-1	mg/L	9/20/2023	0.00024	0.0005	0	<0.000500
MW-37	d	Nickel	7440-02-0	mg/L	9/20/2023	0.0019	0.005	J	0.00195
MW-37	d	Selenium	7782-49-2	mg/L	9/20/2023	0.0014	0.005	0	<0.00500
MW-37	d	Silver	7440-22-4	mg/L	9/20/2023	0.0005	0.001	0	<0.00100
MW-37	d	Thallium	7440-28-0	mg/L	9/20/2023	0.00026	0.001	0	<0.00100
MW-37	d	Vanadium	7440-62-2	mg/L	9/20/2023	0.0011	0.005	0	<0.00500
MW-37	d	Zinc	7440-66-6	mg/L	9/20/2023	0.0064	0.02	0	<0.0200
MW-37	d	Acetone	67-64-1	ug/L	9/20/2023	3.1	10	0	<10.0
MW-37	d	Acrylonitrile	107-13-1	ug/L	9/20/2023	2.2	5	0	<5.00
MW-37	d	Benzene	71-43-2	ug/L	9/20/2023	0.22	0.5	0	<0.500
MW-37	d	Bromochloromethane	74-97-5	ug/L	9/20/2023	0.54	5	0	<5.00
MW-37	d	Bromodichloromethane	75-27-4	ug/L	9/20/2023	0.39	1	0	<1.00
MW-37	d	Bromoform	75-25-2	ug/L	9/20/2023	0.78	5	0	<5.00
MW-37	d	Bromomethane	74-83-9	ug/L	9/20/2023	1.1	4	0	<4.00
MW-37	d	2-Butanone	78-93-3	ug/L	9/20/2023	2.1	10	0	<10.0
MW-37	d	Carbon Disulfide	75-15-0	ug/L	9/20/2023	0.45	1	0	<1.00
MW-37	d	Carbon Tetrachloride	56-23-5	ug/L	9/20/2023	0.65	2	0	<2.00
MW-37	d	Chlorobenzene	108-90-7	ug/L	9/20/2023	0.4	1	0	<1.00
MW-37	d	Chlorodibromomethane	124-48-1	ug/L	9/20/2023	0.75	5	0	<5.00
MW-37	d	Chloroethane	75-00-3	ug/L	9/20/2023	0.79	4	0	<4.00
MW-37	d	Chloroform	67-66-3	ug/L	9/20/2023	1.3	3	0	<3.00
MW-37	d	Chloromethane	74-87-3	ug/L	9/20/2023	0.61	3	0	<3.00
MW-37	d	cis-1,2-Dichloroethene	156-59-2	ug/L	9/20/2023	0.21	1	0	<1.00
MW-37	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	9/20/2023	0.25	5	0	<5.00
MW-37	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	9/20/2023	1.2	5	0	<5.00
MW-37	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	9/20/2023	0.34	1	0	<1.00
MW-37	d	Methylene Bromide	74-95-3	ug/L	9/20/2023	0.33	1	0	<1.00
MW-37	d	1,2-Dichlorobenzene	95-50-1	ug/L	9/20/2023	0.37	1	0	<1.00
MW-37	d	1,4-Dichlorobenzene	106-46-7	ug/L	9/20/2023	0.23	1	0	<1.00
MW-37	d	1,1-Dichloroethane	75-34-3	ug/L	9/20/2023	0.22	1	0	<1.00
MW-37	d	1,2-Dichloroethane	107-06-2	ug/L	9/20/2023	0.39	1	0	<1.00
MW-37	d	1,1-Dichloroethene	75-35-4	ug/L	9/20/2023	0.56	2	0	<2.00
MW-37	d	1,2-Dichloropropane	78-87-5	ug/L	9/20/2023	0.27	1	0	<1.00
MW-37	d	Ethylbenzene	100-41-4	ug/L	9/20/2023	0.31	1	0	<1.00
MW-37	d	2-Hexanone	591-78-6	ug/L	9/20/2023	2	10	0	<10.0
MW-37	d	Iodomethane	74-88-4	ug/L	9/20/2023	7	10	0	<10.0
MW-37	d	Methylene Chloride	75-09-2	ug/L	9/20/2023	1.7	5	0	<5.00
MW-37	d	4-Methyl-2-Pentanone	108-10-1	ug/L	9/20/2023	2.1	10	0	<10.0
MW-37	d	Styrene	100-42-5	ug/L	9/20/2023	0.37	1	0	<1.00
MW-37	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	9/20/2023	0.38	1	0	<1.00
MW-37	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	9/20/2023	0.47	1	0	<1.00
MW-37	d	Tetrachloroethene	127-18-4	ug/L	9/20/2023	0.48	1	0	<1.00
MW-37	d	Toluene	108-88-3	ug/L	9/20/2023	0.43	1	0	<1.00
MW-37	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	9/20/2023	1.1	10	0	<10.0
MW-37	d	trans-1,2-Dichloroethene	156-60-5	ug/L	9/20/2023	0.27	1	0	<1.00
MW-37	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	9/20/2023	0.56	5	0	<5.00
MW-37	d	1,1,1-Trichloroethane	71-55-6	ug/L	9/20/2023	0.19	1	0	<1.00
MW-37	d	1,1,2-Trichloroethane	79-00-5	ug/L	9/20/2023	0.45	1	0	<1.00
MW-37	d	Trichloroethene	79-01-6	ug/L	9/20/2023	0.43	1	0	<1.00
MW-37	d	Trichlorofluoromethane	75-69-4	ug/L	9/20/2023	0.38	4	0	<4.00
MW-37	d	1,2,3-Trichloropropane	96-18-4	ug/L	9/20/2023	0.59	1	0	<1.00
MW-37	d	Vinyl Acetate	108-05-4	ug/L	9/20/2023	2.5	10	0	<10.0
MW-37	d	Vinyl Chloride	75-01-4	ug/L	9/20/2023	0.18	1	0	<1.00
MW-37	d	Xylenes, total	1330-20-7	ug/L	9/20/2023	0.4	3	0	<3.00
MW-37	d	Total Suspended Solids	TSS	mg/L	9/20/2023	1.7	5	0	15.0
MW-66	d	Antimony	7440-36-0	mg/L	9/20/2023	0.001	0.002	0	<0.00200
MW-66	d	Arsenic	7440-38-2	mg/L	9/20/2023	0.00053	0.002	J	0.000809
MW-66	d	Barium	7440-39-3	mg/L	9/20/2023	0.00064	0.002	0	0.0234
MW-66	d	Beryllium	7440-41-7	mg/L	9/20/2023	0.00033	0.001	0	<0.00100
MW-66	d	Cadmium	7440-43-9	mg/L	9/20/2023	0.0001	0.0002	0	0.000157
MW-66	d	Chromium	7440-47-3	mg/L	9/20/2023	0.0011	0.005	J	<0.00500
MW-66	d	Cobalt	7440-48-4	mg/L	9/20/2023	0.00017	0.0005	0	0.000784
MW-66	d	Copper	7440-50-8	mg/L	9/20/2023	0.0018	0.005	0	<0.00500
MW-66	d	Lead	7439-92-1	mg/L	9/20/2023	0.00024	0.0005	0	<0.000500

Table 9B
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Phase II MSWLF and CWTS
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Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-66	d	Nickel	7440-02-0	mg/L	9/20/2023	0.0019	0.005	0	0.0182
MW-66	d	Selenium	7782-49-2	mg/L	9/20/2023	0.0014	0.005	0	<0.00500
MW-66	d	Silver	7440-22-4	mg/L	9/20/2023	0.0005	0.001	0	<0.00100
MW-66	d	Thallium	7440-28-0	mg/L	9/20/2023	0.00026	0.001	0	<0.00100
MW-66	d	Vanadium	7440-62-2	mg/L	9/20/2023	0.0011	0.005	0	<0.00500
MW-66	d	Zinc	7440-66-6	mg/L	9/20/2023	0.0064	0.02	J	0.0145
MW-66	d	Acetone	67-64-1	ug/L	9/20/2023	3.1	10	0	<10.0
MW-66	d	Acrylonitrile	107-13-1	ug/L	9/20/2023	2.2	5	0	<5.00
MW-66	d	Benzene	71-43-2	ug/L	9/20/2023	0.22	0.5	0	<0.500
MW-66	d	Bromochloromethane	74-97-5	ug/L	9/20/2023	0.54	5	0	<5.00
MW-66	d	Bromodichloromethane	75-27-4	ug/L	9/20/2023	0.39	1	0	<1.00
MW-66	d	Bromoform	75-25-2	ug/L	9/20/2023	0.78	5	0	<5.00
MW-66	d	Bromomethane	74-83-9	ug/L	9/20/2023	1.1	4	0	<4.00
MW-66	d	2-Butanone	78-93-3	ug/L	9/20/2023	2.1	10	0	<10.0
MW-66	d	Carbon Disulfide	75-15-0	ug/L	9/20/2023	0.45	1	0	<1.00
MW-66	d	Carbon Tetrachloride	56-23-5	ug/L	9/20/2023	0.65	2	0	<2.00
MW-66	d	Chlorobenzene	108-90-7	ug/L	9/20/2023	0.4	1	0	<1.00
MW-66	d	Chlorodibromomethane	124-48-1	ug/L	9/20/2023	0.75	5	0	<5.00
MW-66	d	Chloroethane	75-00-3	ug/L	9/20/2023	0.79	4	0	<4.00
MW-66	d	Chloroform	67-66-3	ug/L	9/20/2023	1.3	3	0	<3.00
MW-66	d	Chloromethane	74-87-3	ug/L	9/20/2023	0.61	3	0	<3.00
MW-66	d	cis-1,2-Dichloroethene	156-59-2	ug/L	9/20/2023	0.21	1	0	<1.00
MW-66	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	9/20/2023	0.25	5	0	<5.00
MW-66	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	9/20/2023	1.2	5	0	<5.00
MW-66	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	9/20/2023	0.34	1	0	<1.00
MW-66	d	Methylene Bromide	74-95-3	ug/L	9/20/2023	0.33	1	0	<1.00
MW-66	d	1,2-Dichlorobenzene	95-50-1	ug/L	9/20/2023	0.37	1	0	<1.00
MW-66	d	1,4-Dichlorobenzene	106-46-7	ug/L	9/20/2023	0.23	1	0	<1.00
MW-66	d	1,1-Dichloroethane	75-34-3	ug/L	9/20/2023	0.22	1	0	<1.00
MW-66	d	1,2-Dichloroethane	107-06-2	ug/L	9/20/2023	0.39	1	0	<1.00
MW-66	d	1,1-Dichloroethene	75-35-4	ug/L	9/20/2023	0.56	2	0	<2.00
MW-66	d	1,2-Dichloropropane	78-87-5	ug/L	9/20/2023	0.27	1	0	<1.00
MW-66	d	Ethylbenzene	100-41-4	ug/L	9/20/2023	0.31	1	0	<1.00
MW-66	d	2-Hexanone	591-78-6	ug/L	9/20/2023	2	10	0	<10.0
MW-66	d	Iodomethane	74-88-4	ug/L	9/20/2023	7	10	0	<10.0
MW-66	d	Methylene Chloride	75-09-2	ug/L	9/20/2023	1.7	5	0	<5.00
MW-66	d	4-Methyl-2-Pentanone	108-10-1	ug/L	9/20/2023	2.1	10	0	<10.0
MW-66	d	Styrene	100-42-5	ug/L	9/20/2023	0.37	1	0	<1.00
MW-66	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	9/20/2023	0.38	1	0	<1.00
MW-66	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	9/20/2023	0.47	1	0	<1.00
MW-66	d	Tetrachloroethene	127-18-4	ug/L	9/20/2023	0.48	1	0	<1.00
MW-66	d	Toluene	108-88-3	ug/L	9/20/2023	0.43	1	0	<1.00
MW-66	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	9/20/2023	1.1	10	0	<10.0
MW-66	d	trans-1,2-Dichloroethene	156-60-5	ug/L	9/20/2023	0.27	1	0	<1.00
MW-66	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	9/20/2023	0.56	5	0	<5.00
MW-66	d	1,1,1-Trichloroethane	71-55-6	ug/L	9/20/2023	0.19	1	0	<1.00
MW-66	d	1,1,2-Trichloroethane	79-00-5	ug/L	9/20/2023	0.45	1	0	<1.00
MW-66	d	Trichloroethene	79-01-6	ug/L	9/20/2023	0.43	1	0	<1.00
MW-66	d	Trichlorofluoromethane	75-69-4	ug/L	9/20/2023	0.38	4	0	<4.00
MW-66	d	1,2,3-Trichloropropane	96-18-4	ug/L	9/20/2023	0.59	1	0	<1.00
MW-66	d	Vinyl Acetate	108-05-4	ug/L	9/20/2023	2.5	10	0	<10.0
MW-66	d	Vinyl Chloride	75-01-4	ug/L	9/20/2023	0.18	1	0	<1.00
MW-66	d	Xylenes, total	1330-20-7	ug/L	9/20/2023	0.4	3	0	<3.00
MW-66	d	Total Suspended Solids	TSS	mg/L	9/20/2023	0.638	1.88	0	5.37
MW-66	d	Barium	7440-39-3	mg/L	12/5/2023	0.00064	0.002		0.0292
MW-66	d	Nickel	7440-02-0	mg/L	12/5/2023	0.0019	0.005		0.0205
MW-66	d	Total Suspended Solids	TSS	mg/L	12/5/2023	0.638	1.88	J	1.75
MW-37	d	Antimony	7440-36-0	mg/L	5/8/2024	0.001	0.002		<0.00200
MW-37	d	Arsenic	7440-38-2	mg/L	5/8/2024	0.00053	0.002	J	0.00187
MW-37	d	Barium	7440-39-3	mg/L	5/8/2024	0.00066	0.002		0.14
MW-37	d	Beryllium	7440-41-7	mg/L	5/8/2024	0.00033	0.001		<0.00100
MW-37	d	Cadmium	7440-43-9	mg/L	5/8/2024	0.0001	0.0002		<0.000200
MW-37	d	Chromium	7440-47-3	mg/L	5/8/2024	0.0012	0.005		<0.00500
MW-37	d	Cobalt	7440-48-4	mg/L	5/8/2024	0.00017	0.0005		0.000776

Table 9B
Analytical Data Summary - Former CWTS
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Phase II MSWLF and CWTS
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-37	d	Copper	7440-50-8	mg/L	5/8/2024	0.0018	0.005	J B	0.002
MW-37	d	Lead	7439-92-1	mg/L	5/8/2024	0.00026	0.0005		<0.000500
MW-37	d	Nickel	7440-02-0	mg/L	5/8/2024	0.0021	0.005		<0.00500
MW-37	d	Selenium	7782-49-2	mg/L	5/8/2024	0.0014	0.005		<0.00500
MW-37	d	Silver	7440-22-4	mg/L	5/8/2024	0.0005	0.001		<0.00100
MW-37	d	Thallium	7440-28-0	mg/L	5/8/2024	0.00057	0.001		<0.00100
MW-37	d	Vanadium	7440-62-2	mg/L	5/8/2024	0.0011	0.005	J	0.00143
MW-37	d	Zinc	7440-66-6	mg/L	5/8/2024	0.0097	0.02		<0.0200
MW-37	d	Acetone	67-64-1	ug/L	5/8/2024	3.1	10		<10.0
MW-37	d	Acrylonitrile	107-13-1	ug/L	5/8/2024	2.2	5		<5.00
MW-37	d	Benzene	71-43-2	ug/L	5/8/2024	0.22	0.5		<0.500
MW-37	d	Bromochloromethane	74-97-5	ug/L	5/8/2024	0.54	5		<5.00
MW-37	d	Bromodichloromethane	75-27-4	ug/L	5/8/2024	0.39	1		<1.00
MW-37	d	Bromoform	75-25-2	ug/L	5/8/2024	0.78	5		<5.00
MW-37	d	Bromomethane	74-83-9	ug/L	5/8/2024	1.1	4		<4.00
MW-37	d	2-Butanone	78-93-3	ug/L	5/8/2024	2.1	10		<10.0
MW-37	d	Carbon Disulfide	75-15-0	ug/L	5/8/2024	0.45	1		<1.00
MW-37	d	Carbon Tetrachloride	56-23-5	ug/L	5/8/2024	0.65	2		<2.00
MW-37	d	Chlorobenzene	108-90-7	ug/L	5/8/2024	0.4	1		<1.00
MW-37	d	Chlorodibromomethane	124-48-1	ug/L	5/8/2024	0.75	5		<5.00
MW-37	d	Chloroethane	75-00-3	ug/L	5/8/2024	0.79	4		<4.00
MW-37	d	Chloroform	67-66-3	ug/L	5/8/2024	1.3	3		<3.00
MW-37	d	Chloromethane	74-87-3	ug/L	5/8/2024	0.61	3		<3.00
MW-37	d	cis-1,2-Dichloroethene	156-59-2	ug/L	5/8/2024	0.21	1		<1.00
MW-37	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	5/8/2024	0.25	5		<5.00
MW-37	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	5/8/2024	1.2	5		<5.00
MW-37	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	5/8/2024	0.34	1		<1.00
MW-37	d	Methylene Bromide	74-95-3	ug/L	5/8/2024	0.33	1		<1.00
MW-37	d	1,2-Dichlorobenzene	95-50-1	ug/L	5/8/2024	0.37	1		<1.00
MW-37	d	1,4-Dichlorobenzene	106-46-7	ug/L	5/8/2024	0.23	1		<1.00
MW-37	d	1,1-Dichloroethane	75-34-3	ug/L	5/8/2024	0.22	1		<1.00
MW-37	d	1,2-Dichloroethane	107-06-2	ug/L	5/8/2024	0.39	1		<1.00
MW-37	d	1,1-Dichloroethene	75-35-4	ug/L	5/8/2024	0.56	2		<2.00
MW-37	d	1,2-Dichloropropane	78-87-5	ug/L	5/8/2024	0.27	1		<1.00
MW-37	d	Ethylbenzene	100-41-4	ug/L	5/8/2024	0.31	1		<1.00
MW-37	d	2-Hexanone	591-78-6	ug/L	5/8/2024	2	10		<10.0
MW-37	d	Iodomethane	74-88-4	ug/L	5/8/2024	7	10		<10.0
MW-37	d	Methylene Chloride	75-09-2	ug/L	5/8/2024	1.7	5		<5.00
MW-37	d	4-Methyl-2-Pentanone	108-10-1	ug/L	5/8/2024	2.1	10		<10.0
MW-37	d	Styrene	100-42-5	ug/L	5/8/2024	0.37	1		<1.00
MW-37	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	5/8/2024	0.38	1		<1.00
MW-37	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	5/8/2024	0.47	1		<1.00
MW-37	d	Tetrachloroethene	127-18-4	ug/L	5/8/2024	0.48	1		<1.00
MW-37	d	Toluene	108-88-3	ug/L	5/8/2024	0.43	1		<1.00
MW-37	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	5/8/2024	1.1	10		<10.0
MW-37	d	trans-1,2-Dichloroethene	156-60-5	ug/L	5/8/2024	0.27	1		<1.00
MW-37	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	5/8/2024	0.56	5		<5.00
MW-37	d	1,1,1-Trichloroethane	71-55-6	ug/L	5/8/2024	0.19	1		<1.00
MW-37	d	1,1,2-Trichloroethane	79-00-5	ug/L	5/8/2024	0.45	1		<1.00
MW-37	d	Trichloroethene	79-01-6	ug/L	5/8/2024	0.43	1		<1.00
MW-37	d	Trichlorofluoromethane	75-69-4	ug/L	5/8/2024	0.38	4		<4.00
MW-37	d	1,2,3-Trichloropropane	96-18-4	ug/L	5/8/2024	0.59	1		<1.00
MW-37	d	Vinyl Acetate	108-05-4	ug/L	5/8/2024	2.5	10		<10.0
MW-37	d	Vinyl Chloride	75-01-4	ug/L	5/8/2024	0.18	1		<1.00
MW-37	d	Xylenes, total	1330-20-7	ug/L	5/8/2024	0.4	3		<3.00
MW-37	d	Total Suspended Solids	TSS	mg/L	5/8/2024	1.39	1.88		2.88
MW-66	d	Antimony	7440-36-0	mg/L	5/8/2024	0.001	0.002		<0.00200
MW-66	d	Arsenic	7440-38-2	mg/L	5/8/2024	0.00053	0.002	J	0.000549
MW-66	d	Barium	7440-39-3	mg/L	5/8/2024	0.00066	0.002		0.028
MW-66	d	Beryllium	7440-41-7	mg/L	5/8/2024	0.00033	0.001		<0.00100
MW-66	d	Cadmium	7440-43-9	mg/L	5/8/2024	0.0001	0.0002		<0.000200
MW-66	d	Chromium	7440-47-3	mg/L	5/8/2024	0.0012	0.005		<0.00500
MW-66	d	Cobalt	7440-48-4	mg/L	5/8/2024	0.00017	0.0005		<0.000500
MW-66	d	Copper	7440-50-8	mg/L	5/8/2024	0.0018	0.005		<0.00500

Table 9B
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Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-66	d	Lead	7439-92-1	mg/L	5/8/2024	0.00026	0.0005		<0.000500
MW-66	d	Nickel	7440-02-0	mg/L	5/8/2024	0.0021	0.005		<0.00500
MW-66	d	Selenium	7782-49-2	mg/L	5/8/2024	0.0014	0.005		<0.00500
MW-66	d	Silver	7440-22-4	mg/L	5/8/2024	0.0005	0.001		<0.00100
MW-66	d	Thallium	7440-28-0	mg/L	5/8/2024	0.00057	0.001		<0.00100
MW-66	d	Vanadium	7440-62-2	mg/L	5/8/2024	0.0011	0.005		<0.00500
MW-66	d	Zinc	7440-66-6	mg/L	5/8/2024	0.0097	0.02		<0.0200
MW-66	d	Acetone	67-64-1	ug/L	5/8/2024	3.1	10		<10.0
MW-66	d	Acrylonitrile	107-13-1	ug/L	5/8/2024	2.2	5		<5.00
MW-66	d	Benzene	71-43-2	ug/L	5/8/2024	0.22	0.5		<0.500
MW-66	d	Bromochloromethane	74-97-5	ug/L	5/8/2024	0.54	5		<5.00
MW-66	d	Bromodichloromethane	75-27-4	ug/L	5/8/2024	0.39	1		<1.00
MW-66	d	Bromoform	75-25-2	ug/L	5/8/2024	0.78	5		<5.00
MW-66	d	Bromomethane	74-83-9	ug/L	5/8/2024	1.1	4		<4.00
MW-66	d	2-Butanone	78-93-3	ug/L	5/8/2024	2.1	10		<10.0
MW-66	d	Carbon Disulfide	75-15-0	ug/L	5/8/2024	0.45	1		<1.00
MW-66	d	Carbon Tetrachloride	56-23-5	ug/L	5/8/2024	0.65	2		<2.00
MW-66	d	Chlorobenzene	108-90-7	ug/L	5/8/2024	0.4	1		<1.00
MW-66	d	Chlorodibromomethane	124-48-1	ug/L	5/8/2024	0.75	5		<5.00
MW-66	d	Chloroethane	75-00-3	ug/L	5/8/2024	0.79	4		<4.00
MW-66	d	Chloroform	67-66-3	ug/L	5/8/2024	1.3	3		<3.00
MW-66	d	Chloromethane	74-87-3	ug/L	5/8/2024	0.61	3		<3.00
MW-66	d	cis-1,2-Dichloroethene	156-59-2	ug/L	5/8/2024	0.21	1		<1.00
MW-66	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	5/8/2024	0.25	5		<5.00
MW-66	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	5/8/2024	1.2	5		<5.00
MW-66	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	5/8/2024	0.34	1		<1.00
MW-66	d	Methylene Bromide	74-95-3	ug/L	5/8/2024	0.33	1		<1.00
MW-66	d	1,2-Dichlorobenzene	95-50-1	ug/L	5/8/2024	0.37	1		<1.00
MW-66	d	1,4-Dichlorobenzene	106-46-7	ug/L	5/8/2024	0.23	1		<1.00
MW-66	d	1,1-Dichloroethane	75-34-3	ug/L	5/8/2024	0.22	1		<1.00
MW-66	d	1,2-Dichloroethane	107-06-2	ug/L	5/8/2024	0.39	1		<1.00
MW-66	d	1,1-Dichloroethene	75-35-4	ug/L	5/8/2024	0.56	2		<2.00
MW-66	d	1,2-Dichloropropane	78-87-5	ug/L	5/8/2024	0.27	1		<1.00
MW-66	d	Ethylbenzene	100-41-4	ug/L	5/8/2024	0.31	1		<1.00
MW-66	d	2-Hexanone	591-78-6	ug/L	5/8/2024	2	10		<10.0
MW-66	d	Iodomethane	74-88-4	ug/L	5/8/2024	7	10		<10.0
MW-66	d	Methylene Chloride	75-09-2	ug/L	5/8/2024	1.7	5		<5.00
MW-66	d	4-Methyl-2-Pentanone	108-10-1	ug/L	5/8/2024	2.1	10		<10.0
MW-66	d	Styrene	100-42-5	ug/L	5/8/2024	0.37	1		<1.00
MW-66	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	5/8/2024	0.38	1		<1.00
MW-66	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	5/8/2024	0.47	1		<1.00
MW-66	d	Tetrachloroethene	127-18-4	ug/L	5/8/2024	0.48	1		<1.00
MW-66	d	Toluene	108-88-3	ug/L	5/8/2024	0.43	1		<1.00
MW-66	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	5/8/2024	1.1	10		<10.0
MW-66	d	trans-1,2-Dichloroethene	156-60-5	ug/L	5/8/2024	0.27	1		<1.00
MW-66	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	5/8/2024	0.56	5		<5.00
MW-66	d	1,1,1-Trichloroethane	71-55-6	ug/L	5/8/2024	0.19	1		<1.00
MW-66	d	1,1,2-Trichloroethane	79-00-5	ug/L	5/8/2024	0.45	1		<1.00
MW-66	d	Trichloroethene	79-01-6	ug/L	5/8/2024	0.43	1		<1.00
MW-66	d	Trichlorofluoromethane	75-69-4	ug/L	5/8/2024	0.38	4		<4.00
MW-66	d	1,2,3-Trichloropropane	96-18-4	ug/L	5/8/2024	0.59	1		<1.00
MW-66	d	Vinyl Acetate	108-05-4	ug/L	5/8/2024	2.5	10		<10.0
MW-66	d	Vinyl Chloride	75-01-4	ug/L	5/8/2024	0.18	1		<1.00
MW-66	d	Xylenes, total	1330-20-7	ug/L	5/8/2024	0.4	3		<3.00
MW-66	d	Total Suspended Solids	TSS	mg/L	5/8/2024	1.39	1.88		<1.88
MW-66	d	Antimony	7440-36-0	mg/L	10/10/2024	0.001	0.002		<0.00200
MW-66	d	Arsenic	7440-38-2	mg/L	10/10/2024	0.00053	0.002	J	0.000971
MW-66	d	Barium	7440-39-3	mg/L	10/10/2024	0.00066	0.002		0.0238
MW-66	d	Beryllium	7440-41-7	mg/L	10/10/2024	0.00033	0.001		<0.00100
MW-66	d	Cadmium	7440-43-9	mg/L	10/10/2024	0.0001	0.0002		<0.000200
MW-66	d	Chromium	7440-47-3	mg/L	10/10/2024	0.0012	0.005		<0.00500
MW-66	d	Cobalt	7440-48-4	mg/L	10/10/2024	0.00017	0.0005	J	0.000204
MW-66	d	Copper	7440-50-8	mg/L	10/10/2024	0.0018	0.005		<0.00500
MW-66	d	Lead	7439-92-1	mg/L	10/10/2024	0.00026	0.0005		<0.000500

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Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-66	d	Nickel	7440-02-0	mg/L	10/10/2024	0.0084	0.02		<0.0200
MW-66	d	Selenium	7782-49-2	mg/L	10/10/2024	0.0014	0.005		<0.00500
MW-66	d	Silver	7440-22-4	mg/L	10/10/2024	0.0005	0.001		<0.00100
MW-66	d	Thallium	7440-28-0	mg/L	10/10/2024	0.00228	0.004		<0.00400
MW-66	d	Vanadium	7440-62-2	mg/L	10/10/2024	0.0011	0.005		<0.00500
MW-66	d	Zinc	7440-66-6	mg/L	10/10/2024	0.0097	0.02		<0.0200
MW-66	d	Acetone	67-64-1	ug/L	10/10/2024	3.1	10		<10.0
MW-66	d	Acrylonitrile	107-13-1	ug/L	10/10/2024	2.2	5		<5.00
MW-66	d	Benzene	71-43-2	ug/L	10/10/2024	0.22	0.5		<0.500
MW-66	d	Bromochloromethane	74-97-5	ug/L	10/10/2024	0.54	5		<5.00
MW-66	d	Bromodichloromethane	75-27-4	ug/L	10/10/2024	0.39	1		<1.00
MW-66	d	Bromoform	75-25-2	ug/L	10/10/2024	0.78	5		<5.00
MW-66	d	Bromomethane	74-83-9	ug/L	10/10/2024	1.1	4		<4.00
MW-66	d	2-Butanone	78-93-3	ug/L	10/10/2024	2.1	10		<10.0
MW-66	d	Carbon Disulfide	75-15-0	ug/L	10/10/2024	0.45	1		<1.00
MW-66	d	Carbon Tetrachloride	56-23-5	ug/L	10/10/2024	0.65	2		<2.00
MW-66	d	Chlorobenzene	108-90-7	ug/L	10/10/2024	0.4	1		<1.00
MW-66	d	Chlorodibromomethane	124-48-1	ug/L	10/10/2024	0.75	5		<5.00
MW-66	d	Chloroethane	75-00-3	ug/L	10/10/2024	0.79	4		<4.00
MW-66	d	Chloroform	67-66-3	ug/L	10/10/2024	1.3	3		<3.00
MW-66	d	Chloromethane	74-87-3	ug/L	10/10/2024	0.61	3		<3.00
MW-66	d	cis-1,2-Dichloroethene	156-59-2	ug/L	10/10/2024	0.21	1		<1.00
MW-66	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	10/10/2024	0.25	5		<5.00
MW-66	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	10/10/2024	1.2	5		<5.00
MW-66	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	10/10/2024	0.34	1		<1.00
MW-66	d	Methylene Bromide	74-95-3	ug/L	10/10/2024	0.33	1		<1.00
MW-66	d	1,2-Dichlorobenzene	95-50-1	ug/L	10/10/2024	0.37	1		<1.00
MW-66	d	1,4-Dichlorobenzene	106-46-7	ug/L	10/10/2024	0.23	1		<1.00
MW-66	d	1,1-Dichloroethane	75-34-3	ug/L	10/10/2024	0.22	1		<1.00
MW-66	d	1,2-Dichloroethane	107-06-2	ug/L	10/10/2024	0.39	1		<1.00
MW-66	d	1,1-Dichloroethene	75-35-4	ug/L	10/10/2024	0.56	2		<2.00
MW-66	d	1,2-Dichloropropane	78-87-5	ug/L	10/10/2024	0.27	1		<1.00
MW-66	d	Ethylbenzene	100-41-4	ug/L	10/10/2024	0.31	1		<1.00
MW-66	d	2-Hexanone	591-78-6	ug/L	10/10/2024	2	10		<10.0
MW-66	d	Iodomethane	74-88-4	ug/L	10/10/2024	7	10		<10.0
MW-66	d	Methylene Chloride	75-09-2	ug/L	10/10/2024	1.7	5		<5.00
MW-66	d	4-Methyl-2-Pentanone	108-10-1	ug/L	10/10/2024	2.1	10		<10.0
MW-66	d	Styrene	100-42-5	ug/L	10/10/2024	0.37	1		<1.00
MW-66	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	10/10/2024	0.38	1		<1.00
MW-66	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	10/10/2024	0.47	1		<1.00
MW-66	d	Tetrachloroethene	127-18-4	ug/L	10/10/2024	0.48	1		<1.00
MW-66	d	Toluene	108-88-3	ug/L	10/10/2024	0.43	1		<1.00
MW-66	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	10/10/2024	1.1	10		<10.0
MW-66	d	trans-1,2-Dichloroethene	156-60-5	ug/L	10/10/2024	0.27	1		<1.00
MW-66	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	10/10/2024	0.56	5		<5.00
MW-66	d	1,1,1-Trichloroethane	71-55-6	ug/L	10/10/2024	0.19	1		<1.00
MW-66	d	1,1,2-Trichloroethane	79-00-5	ug/L	10/10/2024	0.45	1		<1.00
MW-66	d	Trichloroethene	79-01-6	ug/L	10/10/2024	0.43	1		<1.00
MW-66	d	Trichlorofluoromethane	75-69-4	ug/L	10/10/2024	0.38	4		<4.00
MW-66	d	1,2,3-Trichloropropane	96-18-4	ug/L	10/10/2024	0.59	1		<1.00
MW-66	d	Vinyl Acetate	108-05-4	ug/L	10/10/2024	2.5	10		<10.0
MW-66	d	Vinyl Chloride	75-01-4	ug/L	10/10/2024	0.18	1		<1.00
MW-66	d	Xylenes, total	1330-20-7	ug/L	10/10/2024	0.4	3		<3.00
MW-66	d	Total Suspended Solids	TSS	mg/L	10/10/2024	1.39	1.88		<1.88
MW-37	d	Antimony	7440-36-0	mg/L	10/10/2024	0.001	0.002		<0.00200
MW-37	d	Arsenic	7440-38-2	mg/L	10/10/2024	0.00053	0.002	J	0.00182
MW-37	d	Barium	7440-39-3	mg/L	10/10/2024	0.00066	0.002		0.0771
MW-37	d	Beryllium	7440-41-7	mg/L	10/10/2024	0.00033	0.001		<0.00100
MW-37	d	Cadmium	7440-43-9	mg/L	10/10/2024	0.0001	0.0002		<0.000200
MW-37	d	Chromium	7440-47-3	mg/L	10/10/2024	0.0012	0.005		<0.00500
MW-37	d	Cobalt	7440-48-4	mg/L	10/10/2024	0.00017	0.0005		0.00077
MW-37	d	Copper	7440-50-8	mg/L	10/10/2024	0.0018	0.005		<0.00500
MW-37	d	Lead	7439-92-1	mg/L	10/10/2024	0.00026	0.0005		<0.000500
MW-37	d	Nickel	7440-02-0	mg/L	10/10/2024	0.0021	0.005		<0.00500

Table 9B
Analytical Data Summary - Former CWTS
2024 Annual Water Quality Report
Phase II MSWLF and CWTS
Permit No. 77-SDP-01-72P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-37	d	Selenium	7782-49-2	mg/L	10/10/2024	0.0014	0.005		<0.00500
MW-37	d	Silver	7440-22-4	mg/L	10/10/2024	0.0005	0.001		<0.00100
MW-37	d	Thallium	7440-28-0	mg/L	10/10/2024	0.00057	0.001		<0.00100
MW-37	d	Vanadium	7440-62-2	mg/L	10/10/2024	0.0011	0.005		<0.00500
MW-37	d	Zinc	7440-66-6	mg/L	10/10/2024	0.0097	0.02		<0.0200
MW-37	d	Acetone	67-64-1	ug/L	10/10/2024	3.1	10		<10.0
MW-37	d	Acrylonitrile	107-13-1	ug/L	10/10/2024	2.2	5		<5.00
MW-37	d	Benzene	71-43-2	ug/L	10/10/2024	0.22	0.5		<0.500
MW-37	d	Bromochloromethane	74-97-5	ug/L	10/10/2024	0.54	5		<5.00
MW-37	d	Bromodichloromethane	75-27-4	ug/L	10/10/2024	0.39	1		<1.00
MW-37	d	Bromoform	75-25-2	ug/L	10/10/2024	0.78	5		<5.00
MW-37	d	Bromomethane	74-83-9	ug/L	10/10/2024	1.1	4		<4.00
MW-37	d	2-Butanone	78-93-3	ug/L	10/10/2024	2.1	10		<10.0
MW-37	d	Carbon Disulfide	75-15-0	ug/L	10/10/2024	0.45	1		<1.00
MW-37	d	Carbon Tetrachloride	56-23-5	ug/L	10/10/2024	0.65	2		<2.00
MW-37	d	Chlorobenzene	108-90-7	ug/L	10/10/2024	0.4	1		<1.00
MW-37	d	Chlorodibromomethane	124-48-1	ug/L	10/10/2024	0.75	5		<5.00
MW-37	d	Chloroethane	75-00-3	ug/L	10/10/2024	0.79	4		<4.00
MW-37	d	Chloroform	67-66-3	ug/L	10/10/2024	1.3	3		<3.00
MW-37	d	Chloromethane	74-87-3	ug/L	10/10/2024	0.61	3		<3.00
MW-37	d	cis-1,2-Dichloroethene	156-59-2	ug/L	10/10/2024	0.21	1		<1.00
MW-37	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	10/10/2024	0.25	5		<5.00
MW-37	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	10/10/2024	1.2	5		<5.00
MW-37	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	10/10/2024	0.34	1		<1.00
MW-37	d	Methylene Bromide	74-95-3	ug/L	10/10/2024	0.33	1		<1.00
MW-37	d	1,2-Dichlorobenzene	95-50-1	ug/L	10/10/2024	0.37	1		<1.00
MW-37	d	1,4-Dichlorobenzene	106-46-7	ug/L	10/10/2024	0.23	1		<1.00
MW-37	d	1,1-Dichloroethane	75-34-3	ug/L	10/10/2024	0.22	1		<1.00
MW-37	d	1,2-Dichloroethane	107-06-2	ug/L	10/10/2024	0.39	1		<1.00
MW-37	d	1,1-Dichloroethene	75-35-4	ug/L	10/10/2024	0.56	2		<2.00
MW-37	d	1,2-Dichloropropane	78-87-5	ug/L	10/10/2024	0.27	1		<1.00
MW-37	d	Ethylbenzene	100-41-4	ug/L	10/10/2024	0.31	1		<1.00
MW-37	d	2-Hexanone	591-78-6	ug/L	10/10/2024	2	10		<10.0
MW-37	d	Iodomethane	74-88-4	ug/L	10/10/2024	7	10		<10.0
MW-37	d	Methylene Chloride	75-09-2	ug/L	10/10/2024	1.7	5		<5.00
MW-37	d	4-Methyl-2-Pentanone	108-10-1	ug/L	10/10/2024	2.1	10		<10.0
MW-37	d	Styrene	100-42-5	ug/L	10/10/2024	0.37	1		<1.00
MW-37	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	10/10/2024	0.38	1		<1.00
MW-37	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	10/10/2024	0.47	1		<1.00
MW-37	d	Tetrachloroethene	127-18-4	ug/L	10/10/2024	0.48	1		<1.00
MW-37	d	Toluene	108-88-3	ug/L	10/10/2024	0.43	1		<1.00
MW-37	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	10/10/2024	1.1	10		<10.0
MW-37	d	trans-1,2-Dichloroethene	156-60-5	ug/L	10/10/2024	0.27	1		<1.00
MW-37	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	10/10/2024	0.56	5		<5.00
MW-37	d	1,1,1-Trichloroethane	71-55-6	ug/L	10/10/2024	0.19	1		<1.00
MW-37	d	1,1,2-Trichloroethane	79-00-5	ug/L	10/10/2024	0.45	1		<1.00
MW-37	d	Trichloroethene	79-01-6	ug/L	10/10/2024	0.43	1		<1.00
MW-37	d	Trichlorofluoromethane	75-69-4	ug/L	10/10/2024	0.38	4		<4.00
MW-37	d	1,2,3-Trichloropropane	96-18-4	ug/L	10/10/2024	0.59	1		<1.00
MW-37	d	Vinyl Acetate	108-05-4	ug/L	10/10/2024	2.5	10		<10.0
MW-37	d	Vinyl Chloride	75-01-4	ug/L	10/10/2024	0.18	1		<1.00
MW-37	d	Xylenes, total	1330-20-7	ug/L	10/10/2024	0.4	3		<3.00
MW-37	d	Total Suspended Solids	TSS	mg/L	10/10/2024	2.22	3		8.8

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Table 10
Historic SSIs and SSLs since January 1, 2009
2024 Annual Water Quality Report
Phase II MSWLF and CWTS
Permit No. 77-SDP-01-72P

Well	Constituent	2009		2010		2011		2012		2013		2014		2015		2016		2017		2018		2019		2020		2021		2022		2023		2024			
		S p r i n g	F a l l	S p r i n g	F a l l	S p r i n g	F a l l	S p r i n g	F a l l	S p r i n g	F a l l	S p r i n g	F a l l	S p r i n g	F a l l	S p r i n g	F a l l	S p r i n g	F a l l	S p r i n g	F a l l	S p r i n g	F a l l	S p r i n g	F a l l	S p r i n g	F a l l	S p r i n g	F a l l						
Phase II MSWLF Unit																																			
MW-67	(none)																																		
MW-B	(none)																																		
MW-C	Cobalt																																		
	Zinc																																		
GU-3	Arsenic																																		
	Zinc																																		
	2-Butanone (MEK)																																		
GU-4	(none)																																		
GU-5	(none)																																		
GU-18	(none)																																		
CWTS																																			
MW-37	Lead																																		
	Zinc																																		
MW-66	Nickel																																		
UO-4	(none)																																		
MW-36	(none)																																		

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Table 11
Corrective Action Trend Analysis
2024 Annual Water Quality Report
Phase II MSWLF and CWTS
Permit No. 77-SDP-01-72P

Well	Current SSL	Trend	N	Projected Year to Completion
Phase II MSWLF Unit				
N/A - No wells were in the corrective action monitoring program during the fall 2024 sampling event.				
CWTS				
N/A - No wells were in the corrective action monitoring program during the fall 2024 sampling event.				

Notes:

N = Number of Samples

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Appendix A

Field Sampling Forms

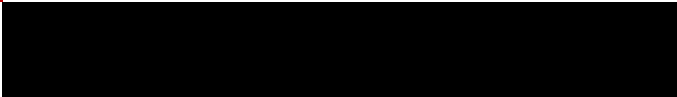


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Field Forms

July 2024



Low Stress Groundwater Sampling Data Sheet

	Facility Name: <u>Metro Park East</u>	Sampler Name(s): <u>Brian Bostock</u>
	MW Identification: <u>MW-E</u>	Date/Time: <u>07/10/2024 1450</u>
	Sample Number: <u>3</u>	PID Readings: <u>N/A</u>
	Weather Conditions: <u>Cloudy, 79°F</u>	
	Wellhead Inspection: <u>Okay</u>	

Visual Inspection:

- | | |
|---|---|
| 1. Survey Mark Present: (Yes/No) <u>Yes / No</u> | 5. Standing/Ponded Water (Yes/No) <u>Yes / No</u> |
| 2. Collision/Vandalism Damage: (Yes/No) <u>Yes / No</u> | 6. Frost Heaving (Yes/No) <u>Yes / No</u> |
| 3. Casing Degradation: (Yes/No) <u>Yes / No</u> | 7. Lock in Place (Yes/No) <u>Yes / No</u> |
| 4. Well Subsidence: (Yes/No) <u>Yes / No</u> | |

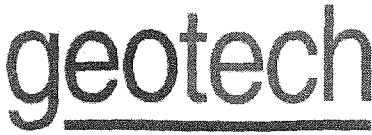
Ground Water Measurements/Purge data:

- | | |
|---|--|
| 1. Static Water Level (±0.01 feet [ft.]) <u>14.45</u> | 6. Purge Rate (mL/min) <u>300</u> |
| 2. Bottom of casing (±0.01 ft.) <u>NM</u> | 7. Water Level Measuring Equip. <u>Geotech</u> |
| 3. Casing Diameter (inches) <u>2"</u> | 8. Purge Equipment Used <u>Bladder Pump</u> |
| 4. Actual Volume of Water Purged (mL) <u>8100</u> | 9. Dedicated? (Yes/No) <u>Yes / No</u> |
| 5. Purge Water Characteristics: | 10. Immiscible layer observed <u>Yes / No</u> |
| Odor <u>decomp/waste</u> Turbidity <u>Low</u> | 11. Thickness of immiscible layer <u>N/A</u> |
| Color <u>clear</u> | 12. Drive Gas (Air/Nitrogen) <u>AIR / NITROGEN / N/A</u> |

Time	Volume Purged (mL)	Temp (°C)	Conductivity (µs/cm)	ORP (mV)	D.O. (mg/L)	Turbidity (NTU)	pH	Drawdown
1453	-	14.7	800	-91.3	1.56	31.21	7.08	17.63
1456	900	16.6	790	-104.1	0.28	36.07	6.99	18.37
1459	1800	17.9	798	-106.3	0.20	49.78	6.97	18.79
1502	2700	19.2	798	-108.7	0.14	23.91	6.95	19.22
1505	3600	20.1	803	-111.3	0.14	33.78	7.28	20.18
1508	4500	20.5	807	-88.9	1.65	40.50	6.96	20.62
1511	5400	20.7	807	-100.6	0.20	46.89	6.95	20.90
1514	6300	20.8	805	-101.4	0.19	45.35	6.96	21.51
1517	7200	21.2	798	-98.5	0.16	46.11	6.98	22.19
1520	8100							

Well evacuated to dryness? <u>Yes / No</u>	Time to recharge (min): <u>N/A</u>	9. Decontamination Procedures: <u>Alconox/DI Rinse</u>
1. Sample Filtered? <u>Yes / No</u>	6. Sample Time: <u>1520</u>	10. Instrument type: <u>YSI ProDSS</u>
2. Sampling Equip. Used <u>Bladder Pump</u>	7. Parameter/Container/Pres. <u>See Attached COC</u>	Calibration Date: <u>LAB</u>
3. Drive Gas (Air/Nitrogen) <u>AIR / NITROGEN / N/A</u>		Calibration Time: <u>LAB</u>
4. Sample Rate (mL/min) <u>300</u>		Std. Reading Adjust.
5. Sample Appearance:	8. Other Information:	pH
Turbidity <u>Low</u>		Conduct.
Color <u>clear</u>		ORP
Odor <u>NONE</u>		D.O.
		Turbidity

TB2 - 1528



Calibrated at Geotech's Colorado service center
 2650 East 40th Avenue
 Denver, CO 80205
 (800) 833-7958 Fax: (303) 322-7242

YSI Pro DSS Calibration Certificate

Unit Number: 7224

Calibration Date 6/26/2024

Serial Number: 20K101623

Technician: Sonny Saldona-Diaz

<u>Installed Probes</u>	<input checked="" type="checkbox"/> Display is clear, and free of damage	Cable Length	4M	pH/ORP Serial #	21B100479
<input checked="" type="checkbox"/> Conductivity	<input checked="" type="checkbox"/> Cable and accessories are free of damage	Cable Lot #	21C100596	DO Probe Serial #	21B106195
<input checked="" type="checkbox"/> PH/ORP	<input checked="" type="checkbox"/> Firmware version is up to date.	Cond Probe Lot #	24C105233	Turb Probe Serial #	21A108876
<input checked="" type="checkbox"/> DO	Display Battery	96 %	Pass	Bath Temp	31 °C
<input checked="" type="checkbox"/> TURB	Cable Flex Test:	Pass		Meter Temp	31 °C
				Variance	0.00 Pass

Cond					
Calibration	Reading		Buffer Lot #	Exp. Date	
1.413 mS	1.413 mS	Pass	4GD0153	4/25	Pass

pH						
Point Test	Calibration	Reading	mV	Slope	Buffer Lot #	Exp. Date
2 Point	pH 7.00	pH 7.00	-30.8 mV		4GE0713	5/26 Pass
	pH 10.01	pH 10.01	-196.2 mV	165.4 Pass	4GB0798	2/26 Pass

ORP					
Calibration	Reading		Buffer Lot #	Exp. Date	
220 mV	220 mV	Pass	4GB1336	11/24	Pass

Turbidity								
Zero	Reading	Variance		Cal	Reading	Variance	Buffer Lot #	Exp. Date
0 ntu	0 ntu	0 ntu	Pass	126 ntu	126 ntu	0.0% Pass	04	4/26 Pass

DO						
Barometer	Calibration	Reading	Variance		Test Fluid	
633 mmHg	83.3 %	83.2 %	-0.1%	Pass	Water Saturated Air	
Time:	<u>Min.</u>	<u>Sec.</u>	<u>Reading</u>		<u>Nitrogen Lot #</u>	
	2	55	1 %	Pass		

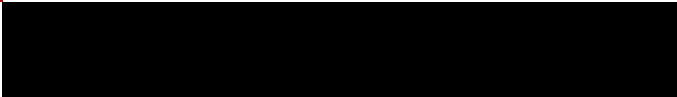
Geotech Environmental Equipment, Inc. takes pride in ensuring this instrument is tested to function as specified by the manufacturer and was calibrated in accordance to manufacturer specifications. All calibration standards used are NIST traceable. With the provided lot numbers we can provide NIST documents on request. Call us at (800) 833-7958 and we will be glad to help.

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Field Forms

October 2024



Low Stress Groundwater Sampling Data Sheet

	Facility Name: Metro Park East	Sampler Name(s): Brendan Bunker and Richard Wilson
	MW Identification: <u>MW-26</u>	Date/Time: <u>10/10/24 15:25</u>
	Sample Number: <u>29</u>	PID Readings: <u>N/A</u>
	Weather Conditions: <u>77°F Sunny</u>	
	Wellhead Inspection: <u>no comment</u>	

Visual Inspection:

- | | | | |
|---|---|-----------------------------------|---|
| 1. Survey Mark Present: (Yes/No) | Yes / <input checked="" type="radio"/> No | 5. Standing/Ponded Water (Yes/No) | Yes / <input checked="" type="radio"/> No |
| 2. Collision/Vandalism Damage: (Yes/No) | Yes / <input checked="" type="radio"/> No | 6. Frost Heaving (Yes/No) | Yes / <input checked="" type="radio"/> No |
| 3. Casing Degradation: (Yes/No) | Yes / <input checked="" type="radio"/> No | 7. Lock in Place (Yes/No) | <input checked="" type="radio"/> Yes / No |
| 4. Well Subsidence: (Yes/No) | Yes / <input checked="" type="radio"/> No | | |


Ground Water Measurements/Purge data:

- | | | | |
|--|----------------------|-----------------------------------|---|
| 1. Static Water Level (±0.01 feet [ft.]) | <u>12.35</u> | 6. Purge Rate (mL/min) | <u>300</u> |
| 2. Bottom of casing (±0.01 ft.) | <u>—</u> | 7. Water Level Measuring Equip. | <u>solinst</u> |
| 3. Casing Diameter (inches) | <u>24</u> | 8. Purge Equipment Used | <u>geocontrol pro</u> |
| 4. Actual Volume of Water Purged (mL) | <u>5400</u> | 9. Dedicated? (Yes/No) | <input checked="" type="radio"/> Yes / No |
| 5. Purge Water Characteristics: | | 10. Immiscible layer observed | Yes / <input checked="" type="radio"/> No |
| Odor <u>none</u> | Turbidity <u>low</u> | 11. Thickness of immiscible layer | <u>N/A</u> |
| Color <u>clear</u> | | 12. Drive Gas (Air/Nitrogen) | <input checked="" type="radio"/> AIR / NITROGEN / N/A |

Time	Volume Purged (mL)	Temp (°C)	Conductivity (µs/cm)	ORP (mV)	D.O. (mg/L)	Turbidity (NTU)	pH	Drawdown
<u>1425</u>	<u>purge st.</u>	<u>—</u>	<u>—</u>	<u>—</u>	<u>—</u>	<u>—</u>	<u>—</u>	<u>—</u>
<u>1428</u>	<u>900</u>	<u>16.8</u>	<u>2008</u>	<u>99.7</u>	<u>1.41</u>	<u>1.71</u>	<u>6.79</u>	<u>13.03</u>
<u>1431</u>	<u>1800</u>	<u>16.7</u>	<u>2024</u>	<u>101.5</u>	<u>0.98</u>	<u>2.16</u>	<u>6.78</u>	<u>13.07</u>
<u>1434</u>	<u>2700</u>	<u>16.7</u>	<u>2038</u>	<u>102.0</u>	<u>0.62</u>	<u>3.25</u>	<u>6.77</u>	<u>13.06</u>
<u>1437</u>	<u>3600</u>	<u>16.6</u>	<u>2042</u>	<u>102.6</u>	<u>0.68</u>	<u>5.13</u>	<u>6.77</u>	<u>13.07</u>
<u>1440</u>	<u>4500</u>	<u>16.5</u>	<u>2048</u>	<u>104.5</u>	<u>0.67</u>	<u>4.58</u>	<u>6.77</u>	<u>13.07</u>

Well evacuated to dryness?	Yes / <input checked="" type="radio"/> No	Time to recharge (min):	<u>—</u>
1. Sample Filtered?	Yes / <input checked="" type="radio"/> No	6. Sample Time:	<u>1443</u>
2. Sampling Equip. Used	<u>geocontrol pro</u>	7. Parameter/Container/Pres.	<u>See Attached COC</u>
3. Drive Gas (Air/Nitrogen)	<input checked="" type="radio"/> AIR / NITROGEN / N/A		
4. Sample Rate (mL/min)	<u>300</u>		
5. Sample Appearance:		8. Other Information:	
Turbidity	<u>low</u>		
Color	<u>clear</u>		
Odor	<u>none</u>		
		9. Decontamination Procedures:	<u>Alconox/DI Rinse</u>
		10. Instrument type:	<u>YSI ProDSS</u>
		Calibration Date:	<u>LAB</u>
		Calibration Time:	<u>LAB</u>
		Std. Reading Adjust.	
		pH	
		Conduct.	
		ORP	<u>See attached Lab Form for Calibration Data</u>
		D.O.	
		Turbidity	

Low Stress Groundwater Sampling Data Sheet

	Facility Name: Metro Park East	Sampler Name(s): Brendan Bunker and Richard Wilson
	MW Identification: <u>MW-37</u>	Date/Time: <u>10/10/24 1055</u>
	Sample Number: <u>25</u>	PID Readings: <u>N/A</u>
	Weather Conditions: <u>68°F sunny</u>	
	Wellhead Inspection: <u>lid missing - vegetation inside</u>	

Visual Inspection:

1. Survey Mark Present: (Yes/No)	Yes / <input checked="" type="radio"/> No	5. Standing/Ponded Water (Yes/No)	Yes / <input checked="" type="radio"/> No
2. Collision/Vandalism Damage: (Yes/No)	Yes / <input checked="" type="radio"/> No	6. Frost Heaving (Yes/No)	Yes / <input checked="" type="radio"/> No
3. Casing Degradation: (Yes/No)	Yes / <input checked="" type="radio"/> No	7. Lock in Place (Yes/No)	Yes / <input checked="" type="radio"/> No
4. Well Subsidence: (Yes/No)	Yes / <input checked="" type="radio"/> No		

Ground Water Measurements/Purge data:

1. Static Water Level (±0.01 feet [ft.])	<u>13.64</u>	6. Purge Rate (mL/min)	<u>300</u>
2. Bottom of casing (±0.01 ft.)	<u>—</u>	7. Water Level Measuring Equip.	<u>solinst</u>
3. Casing Diameter (inches)	<u>2"</u>	8. Purge Equipment Used	<u>geocontrol pro</u>
4. Actual Volume of Water Purged (mL)	<u>7800</u>	9. Dedicated? (Yes/No)	<input checked="" type="radio"/> Yes / <input type="radio"/> No
5. Purge Water Characteristics:		10. Immiscible layer observed	Yes / <input checked="" type="radio"/> No
Odor <u>organic/waste</u> Turbidity	<u>low</u>	11. Thickness of immiscible layer	<u>N/A</u>
Color <u>clear w/ sediment</u>		12. Drive Gas (Air/Nitrogen)	<input checked="" type="radio"/> AIR / <input type="radio"/> NITROGEN / <input type="radio"/> N/A

Time	Volume Purged (mL)	Temp (°C)	Conductivity (µs/cm)	ORP (mV)	D.O. (mg/L)	Turbidity (NTU)	pH	Drawdown
<u>1059</u>	<u>purge start</u>	<u>—</u>	<u>—</u>	<u>—</u>	<u>—</u>	<u>—</u>	<u>—</u>	<u>—</u>
<u>1102</u>	<u>900</u>	<u>15.9</u>	<u>397.0</u>	<u>-111.8</u>	<u>0.49</u>	<u>10.90</u>	<u>7.08</u>	<u>15.09</u>
<u>1105</u>	<u>1800</u>	<u>16.2</u>	<u>387.9</u>	<u>-139.2</u>	<u>0.21</u>	<u>12.29</u>	<u>6.97</u>	<u>15.22</u>
<u>1138</u>	<u>2700</u>	<u>16.3</u>	<u>402.0</u>	<u>-142.4</u>	<u>0.09</u>	<u>10.03</u>	<u>6.96</u>	<u>15.40</u>
<u>1141</u>	<u>3600</u>	<u>16.6</u>	<u>415.0</u>	<u>-142.8</u>	<u>0.08</u>	<u>9.86</u>	<u>6.95</u>	<u>15.66</u>
<u>1144</u>	<u>4500</u>	<u>16.4</u>	<u>462.5</u>	<u>-140.7</u>	<u>0.10</u>	<u>11.23</u>	<u>6.91</u>	<u>16.03</u>
<u>1147</u>	<u>5400</u>	<u>16.4</u>	<u>535</u>	<u>-109.2</u>	<u>1.07</u>	<u>7.42</u>	<u>6.91</u>	<u>16.78</u>
<u>1150</u>	<u>6300</u>	<u>16.3</u>	<u>534</u>	<u>-123.5</u>	<u>0.16</u>	<u>1.45</u>	<u>6.94</u>	<u>17.27</u>
<u>1153</u>	<u>7200</u>	<u>16.1</u>	<u>529</u>	<u>-185.5</u>	<u>0.08</u>	<u>1.76</u>	<u>6.95</u>	<u>18.05</u>

Stop#
 1135
 1138
 1141
 1144
 emptied (5)

Well evacuated to dryness?	Yes / <input checked="" type="radio"/> No	Time to recharge (min):	—
1. Sample Filtered?	Yes / <input checked="" type="radio"/> No	6. Sample Time:	<u>1155</u>
2. Sampling Equip. Used	<u>geocontrol pro</u>	7. Parameter/Container/Pres.	<u>See Attached COC</u>
3. Drive Gas (Air/Nitrogen)	<input checked="" type="radio"/> AIR / <input type="radio"/> NITROGEN / <input type="radio"/> N/A		
4. Sample Rate (mL/min)	<u>300</u>		
5. Sample Appearance:		8. Other Information:	
Turbidity	<u>low</u>		
Color	<u>clear</u>		
Odor	<u>organic</u>		

9. Decontamination Procedures: Alconox/DI Rinse

10. Instrument type: YSI ProDSS

Calibration Date: LAB

Calibration Time: LAB

Std.	Reading	Adjust.

pH

Conduct.

ORP


D.O

Turbidity

See attached Lab Form for Calibration Data

** pump malfunction - repaired, then continued sampling.*

Low Stress Groundwater Sampling Data Sheet

	Facility Name: Metro Park East	Sampler Name(s): Brendan Bunker and Richard Wilson
	MW Identification: <u>MW-49R</u>	Date/Time: <u>10/10/24</u>
	Sample Number:	PID Readings: <u>N/A</u>
	Weather Conditions:	
	Wellhead Inspection: <u>no comment</u>	

Visual Inspection:

1. Survey Mark Present: (Yes/No)	Yes / <u>No</u>	5. Standing/Ponded Water (Yes/No)	Yes / <u>No</u>
2. Collision/Vandalism Damage: (Yes/No)	Yes / <u>No</u>	6. Frost Heaving (Yes/No)	Yes / <u>No</u>
3. Casing Degradation: (Yes/No)	Yes / <u>No</u>	7. Lock in Place (Yes/No)	<u>Yes</u> / No
4. Well Subsidence: (Yes/No)	Yes / <u>No</u>		

Ground Water Measurements/Purge data:


1. Static Water Level (±0.01 feet [ft.])	<u>—</u>	6. Purge Rate (mL/min)	
2. Bottom of casing (±0.01 ft.)		7. Water Level Measuring Equip.	
3. Casing Diameter (inches)		8. Purge Equipment Used	
4. Actual Volume of Water Purged (mL)		9. Dedicated? (Yes/No)	Yes / No
5. Purge Water Characteristics:		10. Immiscible layer observed	Yes / No
Odor		11. Thickness of immiscible layer	
Turbidity		12. Drive Gas (Air/Nitrogen)	AIR / NITROGEN / N/A
Color			

Time	Volume Purged (mL)	Temp (°C)	Conductivity (µs/cm)	ORP (mV)	D.O. (mg/L)	Turbidity (NTU)	pH	Drawdown
WELL DRY NO SAMPLE								

Well evacuated to dryness?	Yes / No	Time to recharge (min):	9. Decontamination Procedures:			
1. Sample Filtered?	Yes / No	6. Sample Time:	Alconox/DI Rinse			
2. Sampling Equip. Used		7: Parameter/Container/Pres.	10. Instrument type: <u>YSI ProDSS</u>			
3. Drive Gas (Air/Nitrogen)	AIR / NITROGEN / N/A	See Attached COC	Calibration Date: <u>LAB</u>			
4. Sample Rate (mL/min)			Calibration Time: <u>LAB</u>			
5. Sample Appearance:		8. Other Information:	<table style="width:100%; border-collapse: collapse;"> <tr> <td style="width:33%;"><u>Stnd.</u></td> <td style="width:33%;"><u>Reading</u></td> <td style="width:33%;"><u>Adjust.</u></td> </tr> </table>	<u>Stnd.</u>	<u>Reading</u>	<u>Adjust.</u>
<u>Stnd.</u>	<u>Reading</u>	<u>Adjust.</u>				
Turbidity			pH			
Color			Conduct.			
Odor			ORP			
			D.O.			
			Turbidity			

See attached Lab Form for Calibration Data

Low Stress Groundwater Sampling Data Sheet

	Facility Name: Metro Park East	Sampler Name(s): Brendan Bunker and Richard Wilson
	MW Identification: <u>MW-66</u>	Date/Time: <u>10/10/24 0930</u>
	Sample Number: <u>23</u>	PID Readings: <u>N/A</u>
	Weather Conditions: <u>48°F sunny</u>	
	Wellhead Inspection: <u>no comment</u>	

Visual Inspection:

1. Survey Mark Present: (Yes/No)	Yes / <u>No</u>	5. Standing/Ponded Water (Yes/No)	Yes / <u>No</u>
2. Collision/Vandalism Damage: (Yes/No)	Yes / <u>No</u>	6. Frost Heaving (Yes/No)	Yes / <u>No</u>
3. Casing Degradation: (Yes/No)	Yes / <u>No</u>	7. Lock in Place (Yes/No)	<u>Yes</u> / No
4. Well Subsidence: (Yes/No)	Yes / <u>No</u>		

Ground Water Measurements/Purge data:

1. Static Water Level (±0.01 feet [ft.])	<u>14.25</u>	6. Purge Rate (mL/min)	<u>300</u>
2. Bottom of casing (±0.01 ft.)	<u>-</u>	7. Water Level Measuring Equip.	<u>Solinst</u>
3. Casing Diameter (inches)	<u>4"</u>	8. Purge Equipment Used	<u>geocontrol pro</u>
4. Actual Volume of Water Purged (mL)	<u>5400</u>	9. Dedicated? (Yes/No)	<u>Yes</u> / No
5. Purge Water Characteristics:		10. Immiscible layer observed	Yes / <u>No</u>
Odor <u>none</u>	Turbidity <u>low</u>	11. Thickness of immiscible layer	<u>N/A</u>
Color <u>clear</u>		12. Drive Gas (Air/Nitrogen)	<u>AIR</u> / NITROGEN / N/A

Time	Volume Purged (mL)	Temp (°C)	Conductivity (µs/cm)	ORP (mV)	D.O. (mg/L)	Turbidity (NTU)	pH	Drawdown
<u>0934</u>	<u>purge start</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>
<u>0937</u>	<u>900</u>	<u>12.8</u>	<u>2374</u>	<u>150.7</u>	<u>4.01</u>	<u>1.20</u>	<u>6.78</u>	<u>14.57</u>
<u>0940</u>	<u>1800</u>	<u>12.1</u>	<u>2506</u>	<u>152.8</u>	<u>0.89</u>	<u>1.52</u>	<u>6.78</u>	<u>14.59</u>
<u>0943</u>	<u>2700</u>	<u>12.1</u>	<u>2509</u>	<u>153.3</u>	<u>0.33</u>	<u>1.83</u>	<u>6.78</u>	<u>14.83</u>
<u>0946</u>	<u>3600</u>	<u>12.2</u>	<u>2503</u>	<u>153.3</u>	<u>0.23</u>	<u>1.87</u>	<u>6.78</u>	<u>14.95</u>
<u>0950</u>	<u>4500</u>	<u>12.1</u>	<u>2497</u>	<u>153.3</u>	<u>0.17</u>	<u>1.49</u>	<u>6.77</u>	<u>15.16</u>

Well evacuated to dryness?	Yes / <u>No</u>	Time to recharge (min):	<u>-</u>
1. Sample Filtered?	Yes / <u>No</u>	6. Sample Time:	<u>0952</u>
2. Sampling Equip. Used	<u>geocontrol pro</u>	7. Parameter/Container/Pres.	<u>See Attached COC</u>
3. Drive Gas (Air/Nitrogen)	<u>AIR</u> / NITROGEN / N/A		
4. Sample Rate (mL/min)	<u>300</u>		
5. Sample Appearance:		8. Other Information:	
Turbidity	<u>low</u>		
Color	<u>clear</u>		
Odor	<u>none</u>		
		9. Decontamination Procedures:	<u>Alconox/DI Rinse</u>
		10. Instrument type:	<u>YSI ProDSS</u>
		Calibration Date:	<u>LAB</u>
		Calibration Time:	<u>LAB</u>
		Std.	Reading
			Adjust.
		pH	
		Conduct.	
		ORP	
		D.O	
		Turbidity	

See attached Lab Form for Calibration Data

Low Stress Groundwater Sampling Data Sheet

	Facility Name: Metro Park East	Sampler Name(s): Brendan Bunker and Richard Wilson
	MW Identification: <u>MW-67</u>	Date/Time: <u>10/10/24 1005</u>
	Sample Number: <u>24</u>	PID Readings: <u>N/A</u>
	Weather Conditions: <u>53°F sunny</u>	
	Wellhead Inspection: <u>no comment</u>	

Visual Inspection:

1. Survey Mark Present: (Yes/No)	Yes / <u>No</u>	5. Standing/Ponded Water (Yes/No)	Yes / <u>No</u>
2. Collision/Vandalism Damage: (Yes/No)	Yes / <u>No</u>	6. Frost Heaving (Yes/No)	Yes / <u>No</u>
3. Casing Degradation: (Yes/No)	Yes / <u>No</u>	7. Lock in Place (Yes/No)	<u>Yes</u> / No
4. Well Subsidence: (Yes/No)	Yes / <u>No</u>		

Ground Water Measurements/Purge data:

1. Static Water Level (±0.01 feet [ft.])	<u>6.71</u>	6. Purge Rate (mL/min)	<u>300</u>
2. Bottom of casing (±0.01 ft.)	<u>—</u>	7. Water Level Measuring Equip.	<u>solinst</u>
3. Casing Diameter (inches)	<u>4"</u>	8. Purge Equipment Used	<u>geocontrol pro</u>
4. Actual Volume of Water Purged (mL)	<u>5100</u>	9. Dedicated? (Yes/No)	<u>Yes</u> / No
5. Purge Water Characteristics:		10. Immiscible layer observed	Yes / <u>No</u>
Odor <u>none</u>	Turbidity <u>low</u>	11. Thickness of immiscible layer	<u>N/A</u>
Color <u>clear</u>		12. Drive Gas (Air/Nitrogen)	<u>AIR</u> / NITROGEN / N/A

Time	Volume Purged (mL)	Temp (°C)	Conductivity (µs/cm)	ORP (mV)	D.O. (mg/L)	Turbidity (NTU)	pH	Drawdown
<u>1013</u>	<u>purge st.</u>	<u>—</u>	<u>—</u>	<u>—</u>	<u>—</u>	<u>—</u>	<u>—</u>	<u>—</u>
<u>1016</u>	<u>900</u>	<u>13.8</u>	<u>2216</u>	<u>148.1</u>	<u>1.77</u>	<u>2.83</u>	<u>6.82</u>	<u>7.06</u>
<u>1019</u>	<u>1800</u>	<u>13.9</u>	<u>2219</u>	<u>150.9</u>	<u>0.32</u>	<u>2.72</u>	<u>6.81</u>	<u>7.21</u>
<u>1022</u>	<u>2700</u>	<u>14.1</u>	<u>2219</u>	<u>151.2</u>	<u>0.22</u>	<u>2.84</u>	<u>6.81</u>	<u>7.39</u>
<u>1025</u>	<u>3600</u>	<u>14.0</u>	<u>2220</u>	<u>151.2</u>	<u>0.18</u>	<u>3.24</u>	<u>6.81</u>	<u>7.73</u>
<u>1028</u>	<u>4500</u>	<u>14.0</u>	<u>2219</u>	<u>151.2</u>	<u>0.12</u>	<u>4.57</u>	<u>6.80</u>	<u>7.97</u>

Well evacuated to dryness? Yes / <u>No</u>	Time to recharge (min): <u>—</u>	9. Decontamination Procedures:
1. Sample Filtered? Yes / <u>No</u>	6. Sample Time: <u>1030</u>	<u>Alconox/DI Rinse</u>
2. Sampling Equip. Used <u>geocontrol pro</u>	7. Parameter/Container/Pres. <u>See Attached COC</u>	10. Instrument type: <u>YSI ProDSS</u>
3. Drive Gas (Air/Nitrogen) <u>AIR</u> / NITROGEN / N/A		Calibration Date: <u>LAB</u>
4. Sample Rate (mL/min) <u>300</u>		Calibration Time: <u>LAB</u>
5. Sample Appearance:		Std. Reading Adjust.
Turbidity <u>low</u>	8. Other Information:	pH
Color <u>clear</u>		Conduct.
Odor <u>none</u>		ORP
		D.O.
		Turbidity

See attached Lab Form for Calibration Data

Low Stress Groundwater Sampling Data Sheet



Facility Name: Metro Park East	Sampler Name(s): Brendan Bunker and Richard Wilson
MW Identification: <u>MW-B</u>	Date/Time: <u>10/10/24 1240</u>
Sample Number: <u>26</u>	PID Readings: <u>N/A</u>
Weather Conditions: <u>78°F Sunny</u>	
Wellhead Inspection: <u>no comment</u>	

Visual Inspection:

1. Survey Mark Present: (Yes/No)	Yes / <input checked="" type="radio"/> No	5. Standing/Ponded Water (Yes/No)	Yes / <input checked="" type="radio"/> No
2. Collision/Vandalism Damage: (Yes/No)	Yes / <input checked="" type="radio"/> No	6. Frost Heaving (Yes/No)	Yes / <input checked="" type="radio"/> No
3. Casing Degradation: (Yes/No)	Yes / <input checked="" type="radio"/> No	7. Lock in Place (Yes/No)	<input checked="" type="radio"/> Yes / No
4. Well Subsidence: (Yes/No)	Yes / <input checked="" type="radio"/> No		

Ground Water Measurements/Purge data:

1. Static Water Level (±0.01 feet [ft.])	<u>19.40</u>	6. Purge Rate (mL/min)	<u>300</u>
2. Bottom of casing (±0.01 ft.)	<u>-</u>	7. Water Level Measuring Equip.	<u>solinst</u>
3. Casing Diameter (inches)	<u>24</u>	8. Purge Equipment Used	<u>geocontrol pro</u>
4. Actual Volume of Water Purged (mL)	<u>5400</u>	9. Dedicated? (Yes/No)	<input checked="" type="radio"/> Yes / No
5. Purge Water Characteristics:		10. Immiscible layer observed	Yes / <input checked="" type="radio"/> No
Odor <u>none</u>	Turbidity <u>low</u>	11. Thickness of immiscible layer	<u>N/A</u>
Color <u>clear</u>		12. Drive Gas (Air/Nitrogen)	<input checked="" type="radio"/> AIR / NITROGEN / N/A

Time	Volume Purged (mL)	Temp (°C)	Conductivity (µs/cm)	ORP (mV)	D.O. (mg/L)	Turbidity (NTU)	pH	Drawdown
1240	purge start							
1243	900	17.6	1333	62.4	1.08	4.02	6.83	21.30
1246	1800	17.6	1332	62.1	0.39	1.96	6.84	22.40
1249	2700	17.3	1332	62.7	0.23	3.76	6.84	23.71
1252	3600	17.6	1333	70.2	0.18	5.29	6.84	24.71
1255	4500	17.2	1331	70.4	0.14	10.16	6.85	25.80

Well evacuated to dryness?	Yes / <input checked="" type="radio"/> No	Time to recharge (min):	<u>-</u>	9. Decontamination Procedures:	<u>Alconox/DI Rinse</u>
1. Sample Filtered?	Yes / <input checked="" type="radio"/> No	6. Sample Time:	<u>1258</u>	10. Instrument type: YSI ProDSS	
2. Sampling Equip. Used	<u>geocontrol pro</u>	7. Parameter/Container/Pres.	<u>See Attached COC</u>	Calibration Date:	<u>LAB</u>
3. Drive Gas (Air/Nitrogen)	<input checked="" type="radio"/> AIR / NITROGEN / N/A			Calibration Time:	<u>LAB</u>
4. Sample Rate (mL/min)	<u>300</u>			Std.	<u>Reading</u> <u>Adjust.</u>
5. Sample Appearance:		8. Other Information:		pH	
Turbidity	<u>low</u>			Conduct.	
Color	<u>clear</u>			ORP	
Odor	<u>none</u>			D.O	
				Turbidity	

See attached Lab Form for Calibration Data

DUP-4 taken here @ 1300 10/10/24

Low Stress Groundwater Sampling Data Sheet

	Facility Name: Metro Park East	Sampler Name(s): Brendan Bunker and Richard Wilson
	MW Identification: <u>MW-C</u>	Date/Time: <u>10/10/24 1320</u>
	Sample Number: <u>27</u>	PID Readings: <u>N/A</u>
	Weather Conditions: <u>75°F Sunny</u>	
	Wellhead Inspection: <u>no comment</u>	

Visual Inspection:

- | | | | |
|---|-----------------|-----------------------------------|------------------------|
| 1. Survey Mark Present: (Yes/No) | Yes / <u>No</u> | 5. Standing/Ponded Water (Yes/No) | Yes / <u>No</u> |
| 2. Collision/Vandalism Damage: (Yes/No) | Yes / <u>No</u> | 6. Frost Heaving (Yes/No) | Yes / <u>No</u> |
| 3. Casing Degradation: (Yes/No) | Yes / <u>No</u> | 7. Lock in Place (Yes/No) | <u>Yes</u> / <u>No</u> |
| 4. Well Subsidence: (Yes/No) | Yes / <u>No</u> | | |

Ground Water Measurements/Purge data:


- | | | | |
|--|----------------------|-----------------------------------|---------------------------|
| 1. Static Water Level (±0.01 feet [ft.]) | <u>10.14</u> | 6. Purge Rate (mL/min) | <u>300</u> |
| 2. Bottom of casing (±0.01 ft.) | <u>-</u> | 7. Water Level Measuring Equip. | <u>Solinst</u> |
| 3. Casing Diameter (inches) | <u>2.44"</u> | 8. Purge Equipment Used | <u>geotech</u> |
| 4. Actual Volume of Water Purged (mL) | <u>-</u> | 9. Dedicated? (Yes/No) | <u>Yes</u> / No |
| 5. Purge Water Characteristics: | | 10. Immiscible layer observed | Yes / <u>No</u> |
| Odor <u>none</u> | Turbidity <u>low</u> | 11. Thickness of immiscible layer | <u>N/A</u> |
| Color <u>clear</u> | | 12. Drive Gas (Air/Nitrogen) | <u>AIR</u> NITROGEN / N/A |

Time	Volume Purged (mL)	Temp (°C)	Conductivity (µs/cm)	ORP (mV)	D.O. (mg/L)	Turbidity (NTU)	pH	Drawdown
<u>1225</u>	<u>purge starts</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>
<u>1228</u>	<u>900</u>	<u>20.9</u>	<u>1300</u>	<u>-69.2</u>	<u>2.44</u>	<u>2.14</u>	<u>6.99</u>	<u>10.40</u>
<u>1231</u>	<u>1800</u>	<u>20.2</u>	<u>1316</u>	<u>-96.7</u>	<u>0.87</u>	<u>1.83</u>	<u>7.00</u>	<u>10.51</u>
<u>1234</u>	<u>2700</u>	<u>20.3</u>	<u>1317</u>	<u>-107.2</u>	<u>0.43</u>	<u>2.22</u>	<u>7.01</u>	<u>10.60</u>
<u>1237</u>	<u>3600</u>	<u>17.5</u>	<u>1309</u>	<u>-113.8</u>	<u>0.11</u>	<u>2.07</u>	<u>7.02</u>	<u>10.87</u>
<u>1240</u>	<u>4500</u>	<u>17.6</u>	<u>1306</u>	<u>-118.1</u>	<u>0.07</u>	<u>1.98</u>	<u>7.03</u>	<u>11.50</u>
<u>1243</u>	<u>5400</u>	<u>17.5</u>	<u>1295</u>	<u>-124.1</u>	<u>0.04</u>	<u>1.84</u>	<u>7.04</u>	<u>11.61</u>

Well evacuated to dryness?	Yes / <u>No</u>	Time to recharge (min):	<u>-</u>	9. Decontamination Procedures:
1. Sample Filtered?	Yes / <u>No</u>	6. Sample Time:	<u>1246</u>	<u>Alconox/DI Rinse</u>
2. Sampling Equip. Used	<u>geacontrol pro</u>	7. Parameter/Container/Pres.	<u>See Attached COC</u>	10. Instrument type: <u>YSI ProDSS</u>
3. Drive Gas (Air/Nitrogen)	<u>AIR</u> NITROGEN / N/A			Calibration Date: <u>LAB</u>
4. Sample Rate (mL/min)	<u>300</u>			Calibration Time: <u>LAB</u>
5. Sample Appearance:				Std. Reading Adjus
Turbidity	<u>low</u>	8. Other Information:		pH
Color	<u>clear</u>			Conduct.
Odor	<u>none</u>			ORP
				D.O
				Turbidity

See attached Lab Form for Calibration Data

Low Stress Groundwater Sampling Data Sheet

	Facility Name: Metro Park East	Sampler Name(s): Brendan Bunker and Richard Wilson
	MW Identification: <u>MW-E</u>	Date/Time: <u>10/10/24 1400</u>
	Sample Number: <u>28</u>	PID Readings: <u>N/A</u>
	Weather Conditions: <u>75°F Sunny</u>	
	Wellhead Inspection: <u>no comment</u>	

Visual Inspection:

- | | | | |
|---|-----------------|-----------------------------------|-----------------|
| 1. Survey Mark Present: (Yes/No) | Yes / <u>No</u> | 5. Standing/Ponded Water (Yes/No) | Yes / <u>No</u> |
| 2. Collision/Vandalism Damage: (Yes/No) | Yes / <u>No</u> | 6. Frost Heaving (Yes/No) | Yes / <u>No</u> |
| 3. Casing Degradation: (Yes/No) | Yes / <u>No</u> | 7. Lock in Place (Yes/No) | <u>Yes</u> / No |
| 4. Well Subsidence: (Yes/No) | Yes / <u>No</u> | | |

Ground Water Measurements/Purge data:

- | | | | |
|--|---------------------------|-----------------------------------|-----------------------------|
| 1. Static Water Level (±0.01 feet [ft.]) | <u>13.63</u> | 6. Purge Rate (mL/min) | <u>300</u> |
| 2. Bottom of casing (±0.01 ft.) | <u>—</u> | 7. Water Level Measuring Equip. | <u>Solinst</u> |
| 3. Casing Diameter (inches) | <u>2"</u> | 8. Purge Equipment Used | <u>geocontrol pro</u> |
| 4. Actual Volume of Water Purged (mL) | <u>5100</u> | 9. Dedicated? (Yes/No) | <u>Yes</u> / No |
| 5. Purge Water Characteristics: | | 10. Immiscible layer observed | Yes / <u>No</u> |
| Odor <u>none</u> | Turbidity <u>low-med.</u> | 11. Thickness of immiscible layer | <u>N/A</u> |
| Color <u>clear/grey</u> | | 12. Drive Gas (Air/Nitrogen) | <u>AIR</u> / NITROGEN / N/A |

Time	Volume Purged (mL)	Temp (°C)	Conductivity (µs/cm)	ORP (mV)	D.O. (mg/L)	Turbidity (NTU)	pH	Drawdown
<u>1445</u>	<u>purge start</u>	<u>—</u>	<u>—</u>	<u>—</u>	<u>—</u>	<u>—</u>	<u>—</u>	<u>—</u>
<u>1448</u>	<u>900</u>	<u>17.3</u>	<u>828</u>	<u>-41.3</u>	<u>0.48</u>	<u>25.33</u>	<u>7.13</u>	<u>18.14</u>
<u>1451</u>	<u>1800</u>	<u>16.8</u>	<u>826</u>	<u>-50.1</u>	<u>0.28</u>	<u>31.56</u>	<u>7.16</u>	<u>19.89</u>
<u>1454</u>	<u>2700</u>	<u>16.8</u>	<u>822</u>	<u>-45.9</u>	<u>0.23</u>	<u>41.04</u>	<u>7.17</u>	<u>21.25</u>
<u>1457</u>	<u>3600</u>	<u>16.9</u>	<u>822</u>	<u>-41.6</u>	<u>0.22</u>	<u>49.74</u>	<u>7.17</u>	<u>22.50</u>
<u>1500</u>	<u>4500</u>	<u>17.0</u>	<u>823</u>	<u>-35.1</u>	<u>0.21</u>	<u>67.09</u>	<u>7.17</u>	<u>25.00</u>

Well evacuated to dryness?	Yes / <u>No</u>	Time to recharge (min):	<u>—</u>	9. Decontamination Procedures:
1. Sample Filtered?	Yes / <u>No</u>	6. Sample Time:	<u>1503</u>	<u>Alconox/DI Rinse</u>
2. Sampling Equip. Used	<u>geocontrol pro</u>	7. Parameter/Container/Pres.	<u>See Attached COC</u>	10. Instrument type: <u>YSI ProDSS</u>
3. Drive Gas (Air/Nitrogen)	<u>AIR</u> / NITROGEN / N/A			Calibration Date: <u>LAB</u>
4. Sample Rate (mL/min)	<u>300</u>			Calibration Time: <u>LAB</u>
5. Sample Appearance:				Std. Reading Adjust
Turbidity	<u>medium</u>	8. Other Information:		pH
Color	<u>clear/grey</u>			Conduct.
Odor	<u>none</u>			ORP
				D.O.
				Turbidity

See attached Lab Form for Calibration Data

Sampler: Brendan Bunker and Richard Wilson

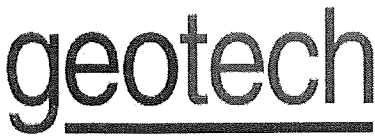
Equipment: Solinst 200' Water Level

Well	Date	CURRENT Time WL below TOC	PREV. Water Level below TOC	Bottom of Casing	Notes
MW-3		12.98	11.59		
MW-4		14.14	13.03		
MW-5		17.30	15.48		
MW-6		5.81	3.69		
MW-14R		19.32	14.15		
MW-15		11.65	7.1		
MW-16		13.59	11.85		
MW-18		17.02	14.6		
MW-19		11.46	6.41		
MW-23		13.62	14.36		
MW-24R		12.06	8.04		
MW-26		12.85	9.95		
MW-28		12.14	11.55		
MW-29		27.47	26.8		
MW-30R		18.69	15.36		
MW-31R		18.48	16.21		
MW-32R		17.50	15.03		
MW-33R		18.41	16.59		
MW-34		10.27	7.34		
MW-35R2		6.13	4.09		
MW-36		7.53	WL Below Pump		
MW-37		13.64	12.84		
MW-38		9.25	5.68		
MW-39		14.58	12.71		
MW-43		20.40	22.64		
MW-44A		7.15	3.64		
MW-44B		5.98	5.92		
MW-45		17.50	17.92		
MW-46		12.64	11.37		
MW-49R		DRY	DRY		
MW-50		13.01	11.1		
MW-51		2.43	1.06		
MW-52		5.91	5.86		
MW-53		6.30	4.83		
MW-54		11.08	8.12		
MW-55		18.91	14.37		
MW-56		16.23	14.75		
MW-57R		17.85	16.36		
MW-58		15.89	12.36		
MW-60		12.93	12.35		

Sampler: Brendan Bunker and Richard Wilson

Equipment: Solinst 200' Water Level

Well	Date	Time	Water Level below TOC	Bottom of Casing	Notes
MW-61		10.09	7.43		
MW-62		13.12	10.83		
MW-63		22.13	20.89		
MW-64		28.40	27.3		
MW-65		18.31	16.14		
MW-66		14.25	8.52		
MW-67		6.71	4.79		
MW-68		21.37	18.5		
MW-69		21.08	21.57		
MW-70		14.77	11.98		
MW-73		15.06	12.34		
MW-B		19.40	19.16		
MW-C		10.14	10.67		
MW-E		13.63	13.15		
PZ-11		8.93	6.94		
PZ-12		9.15	7.55		
PZ-13		12.08	9.93		
PZ-9		17.34	14.15		
SP-E1		14.50	14.75		
SP-E2		DRY	14.84		
SP-E3		DRY	14.75		
SP-E4		DRY	14.55		
SP-E5		DRY	DRY		
SP-E6		DRY	DRY		



Calibrated at Geotech's Colorado service center

2650 East 40th Avenue
Denver, CO 80205
(800) 833-7958 Fax: (303) 322-7242

YSI Pro DSS Calibration Certificate

Unit Number: 8435

Calibration Date 9/25/2024

Serial Number: 24D101464

Technician: Colt Riefenberg

Installed Probes

- Conductivity
- PH/ORP
- DO
- TURB

- Display is clear, and free of damage
- Cable and accessories are free of damage
- Firmware version is up to date.
- Display Battery 83 % **Pass**
- Cable Flex Test: **Pass**

Cable Length	30M	pH/ORP Serial #	24C104259
Cable Lot #	23J106704	DO Probe Serial #	24D100685
Cond Probe Lot #	24D100662	Turb Probe Serial #	24D100697
Bath Temp	31.3 °C		
Meter Temp	31.1 °C		
Variance	-0.20	Pass	

Cond				
Calibration	Reading		Buffer Lot #	Exp. Date
1.413 mS	1.413 mS	Pass	4GH0240	8/26 Pass

pH						
Point Test	Calibration	Reading	mV	Slope	Buffer Lot #	Exp. Date
2 Point	pH 7.00	pH 7.00	-17.7 mV		4GG1129	8/26 Pass
	pH 10.01	pH 10.01	-187.4 mV	169.7 Pass	4GE1203	5/26 Pass

ORP				
Calibration	Reading		Buffer Lot #	Exp. Date
220 mV	220 mV	Pass	4GH1281	9/26 Pass

Turbidity								
Zero	Reading	Variance		Cal	Reading	Variance	Buffer Lot #	Exp. Date
0 ntu	0 ntu	0 ntu	Pass	124 ntu	124 ntu	0.0% Pass	05	8/26 Pass

DO					
Barometer	Calibration	Reading	Variance		Test Fluid
633.5 mmHg	83.4 %	83.4 %	0.0% Pass		Water Saturated Air
Time:	Min.	Sec.	Reading		Nitrogen Lot #
	4	15	1 % Pass		153-402963686-1

Geotech Environmental Equipment, Inc. takes pride in ensuring this instrument is tested to function as specified by the manufacturer and was calibrated in accordance to manufacturer specifications. All calibration standards used are NIST traceable. With the provided lot numbers we can provide NIST documents on request. Call us at (800) 833-7958 and we will be glad to help.



Calibrated at Geotech's Colorado service center
 2650 East 40th Avenue
 Denver, CO 80205
 (800) 833-7958 Fax: (303) 322-7242

YSI Pro DSS Calibration Certificate

Unit Number: 7128

Calibration Date 9/26/2024

Serial Number: 20C200749

Technician: Brady Cox

Installed Probes

<input checked="" type="checkbox"/> Conductivity	<input checked="" type="checkbox"/> Display is clear, and free of damage	Cable Length	30M	pH/ORP Serial #	18J101153
<input checked="" type="checkbox"/> PH/ORP	<input checked="" type="checkbox"/> Cable and accessories are free of damage	Cable Lot #	16B103380	DO Probe Serial #	23A101685
<input checked="" type="checkbox"/> DO	<input checked="" type="checkbox"/> Firmware version is up to date.	Cond Probe Lot #	16B103787	Turb Probe Serial #	16B103994
<input checked="" type="checkbox"/> TURB	Display Battery	100 %	Pass	Bath Temp	31.24 °C
	Cable Flex Test:	Pass		Meter Temp	31.04 °C
				Variance	-0.20 Pass

Cond

Calibration	Reading	Pass	Buffer Lot #	Exp. Date	Pass
1.413 mS	1.413 mS	Pass	4GH0240	8/25	Pass

pH

Point Test	Calibration	Reading	mV	Slope	Buffer Lot #	Exp. Date	Pass
2 Point	pH 7.00	pH 7.00	-16.2 mV		4GG1129	7/26	Pass
	pH 10.01	pH 10.01	-184.6 mV	168.4	4GE1203	5/26	Pass

ORP

Calibration	Reading	Pass	Buffer Lot #	Exp. Date	Pass
220 mV	220 mV	Pass	4GI0852	6/25	Pass

Turbidity

Zero	Reading	Variance	Cal	Reading	Variance	Buffer Lot #	Exp. Date	Pass		
0 ntu	.01 ntu	0.01 ntu	Pass	124 ntu	124 ntu	0.0%	Pass	05	8/26	Pass

DO

Barometer	Calibration	Reading	Variance	Pass	Test Fluid
628.8 mmHg	82.7 %	82.9 %	0.2%	Pass	Water Saturated Air
Time:	Min.	Sec.	Reading	Pass	Nitrogen Lot #
	4	24	1 %	Pass	153403000947


Geotech Environmental Equipment, Inc. takes pride in ensuring this instrument is tested to function as specified by the manufacturer and was calibrated in accordance to manufacturer specifications. All calibration standards used are NIST traceable. With the provided lot numbers we can provide NIST documents on request. Call us at (800) 833-7958 and we will be glad to help.

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Appendix B

Laboratory Analytical
Reports



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Analytical Reports

July 2024



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ANALYTICAL REPORT

PREPARED FOR

Attn: Richard Wilson
HDR Inc
1917 S 67th Street
Omaha, Nebraska 68106

Generated 8/5/2024 3:13:25 PM

JOB DESCRIPTION

Metro Park EAST-Landfill - GW Ph2 (MW-E)

JOB NUMBER

310-285609-1

Eurofins Cedar Falls

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing North Central, LLC Project Manager.

Authorization



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Authorized for release by
Conner Calhoun, Project Management Assistant I
Conner.Calhoun@et.eurofinsus.com
(319)277-2401



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Case Narrative

Client: HDR Inc
Project: Metro Park EAST-Landfill - GW Ph2 (MW-E)

Job ID: 310-285609-1

Job ID: 310-285609-1

Eurofins Cedar Falls

Job Narrative 310-285609-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Receipt

The samples were received on 7/11/2024 3:45 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 1.4°C.

GC/MS VOA

Method 8260D: The continuing calibration verification (CCV) associated with batch 310-427115 recovered above the upper control limit for Carbon tetrachloride (24.0%D), Chlorodibromomethane (26.1%D), and Tetrachloroethene (20.6%D). The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated sample is impacted: (CCV 310-427115/3).

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Metals

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

General Chemistry

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Eurofins Cedar Falls

Sample Summary

Client: HDR Inc
Project/Site: Metro Park EAST-Landfill - GW Ph2 (MW-E)

Job ID: 310-285609-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
310-285609-1	MW-E	Water	07/10/24 15:20	07/11/24 15:45
310-285609-2	TB-2	Water	07/10/24 15:28	07/11/24 15:45

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Detection Summary

Client: HDR Inc
Project/Site: Metro Park EAST-Landfill - GW Ph2 (MW-E)

Job ID: 310-285609-1

Client Sample ID: MW-E

Lab Sample ID: 310-285609-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
Arsenic	0.00162	J	0.00200	0.000530	mg/L	1			6020B	Total/NA
Barium	0.530		0.00200	0.000660	mg/L	1			6020B	Total/NA
Cobalt	0.000677		0.000500	0.000170	mg/L	1			6020B	Total/NA

Client Sample ID: TB-2

Lab Sample ID: 310-285609-2

No Detections.

This Detection Summary does not include radiochemical test results.

Eurofins Cedar Falls



Client Sample Results

Client: HDR Inc
 Project/Site: Metro Park EAST-Landfill - GW Ph2 (MW-E)

Job ID: 310-285609-1

Client Sample ID: MW-E

Lab Sample ID: 310-285609-1

Date Collected: 07/10/24 15:20

Matrix: Water

Date Received: 07/11/24 15:45

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<10.0		10.0	3.10	ug/L			07/13/24 04:10	1
Acrylonitrile	<5.00		5.00	2.20	ug/L			07/13/24 04:10	1
Benzene	<0.500		0.500	0.220	ug/L			07/13/24 04:10	1
Bromochloromethane	<5.00		5.00	0.540	ug/L			07/13/24 04:10	1
Bromodichloromethane	<1.00		1.00	0.390	ug/L			07/13/24 04:10	1
Bromoform	<5.00		5.00	0.780	ug/L			07/13/24 04:10	1
Bromomethane	<4.00		4.00	1.10	ug/L			07/13/24 04:10	1
2-Butanone (MEK)	<10.0		10.0	2.10	ug/L			07/13/24 04:10	1
Carbon disulfide	<1.00		1.00	0.450	ug/L			07/13/24 04:10	1
Carbon tetrachloride	<2.00		2.00	0.650	ug/L			07/13/24 04:10	1
Chlorobenzene	<1.00		1.00	0.400	ug/L			07/13/24 04:10	1
Chlorodibromomethane	<5.00		5.00	0.750	ug/L			07/13/24 04:10	1
Chloroethane	<4.00		4.00	0.790	ug/L			07/13/24 04:10	1
Chloroform	<3.00		3.00	1.30	ug/L			07/13/24 04:10	1
Chloromethane	<3.00		3.00	0.610	ug/L			07/13/24 04:10	1
cis-1,2-Dichloroethene	<1.00		1.00	0.210	ug/L			07/13/24 04:10	1
cis-1,3-Dichloropropene	<5.00		5.00	0.250	ug/L			07/13/24 04:10	1
1,2-Dibromo-3-chloropropane	<5.00		5.00	1.20	ug/L			07/13/24 04:10	1
1,2-Dibromoethane (EDB)	<1.00		1.00	0.340	ug/L			07/13/24 04:10	1
Dibromomethane	<1.00		1.00	0.330	ug/L			07/13/24 04:10	1
1,2-Dichlorobenzene	<1.00		1.00	0.370	ug/L			07/13/24 04:10	1
1,4-Dichlorobenzene	<1.00		1.00	0.230	ug/L			07/13/24 04:10	1
1,1-Dichloroethane	<1.00		1.00	0.220	ug/L			07/13/24 04:10	1
1,2-Dichloroethane	<1.00		1.00	0.390	ug/L			07/13/24 04:10	1
1,1-Dichloroethene	<2.00		2.00	0.560	ug/L			07/13/24 04:10	1
1,2-Dichloropropane	<1.00		1.00	0.270	ug/L			07/13/24 04:10	1
Ethylbenzene	<1.00		1.00	0.310	ug/L			07/13/24 04:10	1
2-Hexanone	<10.0		10.0	2.00	ug/L			07/13/24 04:10	1
Iodomethane	<10.0		10.0	7.00	ug/L			07/13/24 04:10	1
Methylene chloride	<5.00		5.00	1.70	ug/L			07/13/24 04:10	1
4-Methyl-2-pentanone (MIBK)	<10.0		10.0	2.10	ug/L			07/13/24 04:10	1
Styrene	<1.00		1.00	0.370	ug/L			07/13/24 04:10	1
1,1,1,2-Tetrachloroethane	<1.00		1.00	0.380	ug/L			07/13/24 04:10	1
1,1,2,2-Tetrachloroethane	<1.00		1.00	0.470	ug/L			07/13/24 04:10	1
Tetrachloroethene	<1.00		1.00	0.480	ug/L			07/13/24 04:10	1
Toluene	<1.00		1.00	0.430	ug/L			07/13/24 04:10	1
trans-1,4-Dichloro-2-butene	<10.0		10.0	1.10	ug/L			07/13/24 04:10	1
trans-1,2-Dichloroethene	<1.00		1.00	0.270	ug/L			07/13/24 04:10	1
trans-1,3-Dichloropropene	<5.00		5.00	0.560	ug/L			07/13/24 04:10	1
1,1,1-Trichloroethane	<1.00		1.00	0.190	ug/L			07/13/24 04:10	1
1,1,2-Trichloroethane	<1.00		1.00	0.450	ug/L			07/13/24 04:10	1
Trichloroethene	<1.00		1.00	0.430	ug/L			07/13/24 04:10	1
Trichlorofluoromethane	<4.00		4.00	0.380	ug/L			07/13/24 04:10	1
1,2,3-Trichloropropane	<1.00		1.00	0.590	ug/L			07/13/24 04:10	1
Vinyl acetate	<10.0		10.0	2.50	ug/L			07/13/24 04:10	1
Vinyl chloride	<1.00		1.00	0.180	ug/L			07/13/24 04:10	1
Xylenes, Total	<3.00		3.00	0.400	ug/L			07/13/24 04:10	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	102		80 - 120		07/13/24 04:10	1

Eurofins Cedar Falls

Client Sample Results

Client: HDR Inc
 Project/Site: Metro Park EAST-Landfill - GW Ph2 (MW-E)

Job ID: 310-285609-1

Client Sample ID: MW-E

Lab Sample ID: 310-285609-1

Date Collected: 07/10/24 15:20

Matrix: Water

Date Received: 07/11/24 15:45

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Dibromofluoromethane (Surr)	105		73 - 130		07/13/24 04:10	1
Toluene-d8 (Surr)	91		80 - 120		07/13/24 04:10	1

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00200		0.00200	0.00100	mg/L		07/15/24 09:00	07/17/24 16:24	1
Arsenic	0.00162	J	0.00200	0.000530	mg/L		07/15/24 09:00	07/17/24 16:24	1
Barium	0.530		0.00200	0.000660	mg/L		07/15/24 09:00	07/17/24 16:24	1
Beryllium	<0.00100		0.00100	0.000330	mg/L		07/15/24 09:00	07/17/24 16:24	1
Cadmium	<0.000200		0.000200	0.000100	mg/L		07/15/24 09:00	07/17/24 16:24	1
Chromium	<0.00500		0.00500	0.00120	mg/L		07/15/24 09:00	07/17/24 16:24	1
Cobalt	0.000677		0.000500	0.000170	mg/L		07/15/24 09:00	07/17/24 16:24	1
Copper	<0.00500		0.00500	0.00180	mg/L		07/15/24 09:00	07/17/24 16:24	1
Lead	<0.000500		0.000500	0.000260	mg/L		07/15/24 09:00	07/17/24 16:24	1
Nickel	<0.00500		0.00500	0.00210	mg/L		07/15/24 09:00	07/17/24 16:24	1
Selenium	<0.00500		0.00500	0.00140	mg/L		07/15/24 09:00	07/17/24 16:24	1
Silver	<0.00100		0.00100	0.000500	mg/L		07/15/24 09:00	07/17/24 16:24	1
Thallium	<0.00100		0.00100	0.000570	mg/L		07/15/24 09:00	07/17/24 16:24	1
Vanadium	<0.00500		0.00500	0.00110	mg/L		07/15/24 09:00	07/17/24 16:24	1
Zinc	<0.0200		0.0200	0.00970	mg/L		07/15/24 09:00	07/17/24 16:24	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids (USGS I-3765-85)	<5.00		5.00	3.70	mg/L			07/16/24 13:15	1

Client Sample Results

Client: HDR Inc
 Project/Site: Metro Park EAST-Landfill - GW Ph2 (MW-E)

Job ID: 310-285609-1

Client Sample ID: TB-2

Lab Sample ID: 310-285609-2

Date Collected: 07/10/24 15:28

Matrix: Water

Date Received: 07/11/24 15:45

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<10.0		10.0	3.10	ug/L			07/13/24 03:25	1
Acrylonitrile	<5.00		5.00	2.20	ug/L			07/13/24 03:25	1
Benzene	<0.500		0.500	0.220	ug/L			07/13/24 03:25	1
Bromochloromethane	<5.00		5.00	0.540	ug/L			07/13/24 03:25	1
Bromodichloromethane	<1.00		1.00	0.390	ug/L			07/13/24 03:25	1
Bromoform	<5.00		5.00	0.780	ug/L			07/13/24 03:25	1
Bromomethane	<4.00		4.00	1.10	ug/L			07/13/24 03:25	1
2-Butanone (MEK)	<10.0		10.0	2.10	ug/L			07/13/24 03:25	1
Carbon disulfide	<1.00		1.00	0.450	ug/L			07/13/24 03:25	1
Carbon tetrachloride	<2.00		2.00	0.650	ug/L			07/13/24 03:25	1
Chlorobenzene	<1.00		1.00	0.400	ug/L			07/13/24 03:25	1
Chlorodibromomethane	<5.00		5.00	0.750	ug/L			07/13/24 03:25	1
Chloroethane	<4.00		4.00	0.790	ug/L			07/13/24 03:25	1
Chloroform	<3.00		3.00	1.30	ug/L			07/13/24 03:25	1
Chloromethane	<3.00		3.00	0.610	ug/L			07/13/24 03:25	1
cis-1,2-Dichloroethene	<1.00		1.00	0.210	ug/L			07/13/24 03:25	1
cis-1,3-Dichloropropene	<5.00		5.00	0.250	ug/L			07/13/24 03:25	1
1,2-Dibromo-3-chloropropane	<5.00		5.00	1.20	ug/L			07/13/24 03:25	1
1,2-Dibromoethane (EDB)	<1.00		1.00	0.340	ug/L			07/13/24 03:25	1
Dibromomethane	<1.00		1.00	0.330	ug/L			07/13/24 03:25	1
1,2-Dichlorobenzene	<1.00		1.00	0.370	ug/L			07/13/24 03:25	1
1,4-Dichlorobenzene	<1.00		1.00	0.230	ug/L			07/13/24 03:25	1
1,1-Dichloroethane	<1.00		1.00	0.220	ug/L			07/13/24 03:25	1
1,2-Dichloroethane	<1.00		1.00	0.390	ug/L			07/13/24 03:25	1
1,1-Dichloroethene	<2.00		2.00	0.560	ug/L			07/13/24 03:25	1
1,2-Dichloropropane	<1.00		1.00	0.270	ug/L			07/13/24 03:25	1
Ethylbenzene	<1.00		1.00	0.310	ug/L			07/13/24 03:25	1
2-Hexanone	<10.0		10.0	2.00	ug/L			07/13/24 03:25	1
Iodomethane	<10.0		10.0	7.00	ug/L			07/13/24 03:25	1
Methylene chloride	<5.00		5.00	1.70	ug/L			07/13/24 03:25	1
4-Methyl-2-pentanone (MIBK)	<10.0		10.0	2.10	ug/L			07/13/24 03:25	1
Styrene	<1.00		1.00	0.370	ug/L			07/13/24 03:25	1
1,1,1,2-Tetrachloroethane	<1.00		1.00	0.380	ug/L			07/13/24 03:25	1
1,1,2,2-Tetrachloroethane	<1.00		1.00	0.470	ug/L			07/13/24 03:25	1
Tetrachloroethene	<1.00		1.00	0.480	ug/L			07/13/24 03:25	1
Toluene	<1.00		1.00	0.430	ug/L			07/13/24 03:25	1
trans-1,4-Dichloro-2-butene	<10.0		10.0	1.10	ug/L			07/13/24 03:25	1
trans-1,2-Dichloroethene	<1.00		1.00	0.270	ug/L			07/13/24 03:25	1
trans-1,3-Dichloropropene	<5.00		5.00	0.560	ug/L			07/13/24 03:25	1
1,1,1-Trichloroethane	<1.00		1.00	0.190	ug/L			07/13/24 03:25	1
1,1,2-Trichloroethane	<1.00		1.00	0.450	ug/L			07/13/24 03:25	1
Trichloroethene	<1.00		1.00	0.430	ug/L			07/13/24 03:25	1
Trichlorofluoromethane	<4.00		4.00	0.380	ug/L			07/13/24 03:25	1
1,2,3-Trichloropropane	<1.00		1.00	0.590	ug/L			07/13/24 03:25	1
Vinyl acetate	<10.0		10.0	2.50	ug/L			07/13/24 03:25	1
Vinyl chloride	<1.00		1.00	0.180	ug/L			07/13/24 03:25	1
Xylenes, Total	<3.00		3.00	0.400	ug/L			07/13/24 03:25	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		80 - 120		07/13/24 03:25	1

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Client Sample Results

Client: HDR Inc
Project/Site: Metro Park EAST-Landfill - GW Ph2 (MW-E)

Job ID: 310-285609-1

Client Sample ID: TB-2

Lab Sample ID: 310-285609-2

Date Collected: 07/10/24 15:28

Matrix: Water

Date Received: 07/11/24 15:45

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

<u>Surrogate</u>	<u>%Recovery</u>	<u>Qualifier</u>	<u>Limits</u>	<u>Prepared</u>	<u>Analyzed</u>	<u>Dil Fac</u>
Dibromofluoromethane (Surr)	111		73 - 130		07/13/24 03:25	1
Toluene-d8 (Surr)	92		80 - 120		07/13/24 03:25	1

Definitions/Glossary

Client: HDR Inc

Job ID: 310-285609-1

Project/Site: Metro Park EAST-Landfill - GW Ph2 (MW-E)

Qualifiers

Metals

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
α	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Surrogate Summary

Client: HDR Inc
Project/Site: Metro Park EAST-Landfill - GW Ph2 (MW-E)

Job ID: 310-285609-1

Method: 8260D - Volatile Organic Compounds by GC/MS

Matrix: Water

Prep Type: Total/NA

Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	BFB	DBFM	TOL
		(80-120)	(73-130)	(80-120)
310-285609-1	MW-E	102	105	91
310-285609-2	TB-2	103	111	92
LCS 310-427115/6	Lab Control Sample	100	110	96
LCS 310-427115/7	Lab Control Sample	101	110	93
MB 310-427115/5	Method Blank	105	108	92

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)
DBFM = Dibromofluoromethane (Surr)
TOL = Toluene-d8 (Surr)

QC Sample Results

Client: HDR Inc

Job ID: 310-285609-1

Project/Site: Metro Park EAST-Landfill - GW Ph2 (MW-E)

Method: 8260D - Volatile Organic Compounds by GC/MS

Lab Sample ID: MB 310-427115/5

Client Sample ID: Method Blank

Matrix: Water

Prep Type: Total/NA

Analysis Batch: 427115

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Acetone	<10.0		10.0	3.10	ug/L			07/13/24 01:09	1
Acrylonitrile	<5.00		5.00	2.20	ug/L			07/13/24 01:09	1
Benzene	<0.500		0.500	0.220	ug/L			07/13/24 01:09	1
Bromochloromethane	<5.00		5.00	0.540	ug/L			07/13/24 01:09	1
Bromodichloromethane	<1.00		1.00	0.390	ug/L			07/13/24 01:09	1
Bromoform	<5.00		5.00	0.780	ug/L			07/13/24 01:09	1
Bromomethane	<4.00		4.00	1.10	ug/L			07/13/24 01:09	1
2-Butanone (MEK)	<10.0		10.0	2.10	ug/L			07/13/24 01:09	1
Carbon disulfide	<1.00		1.00	0.450	ug/L			07/13/24 01:09	1
Carbon tetrachloride	<2.00		2.00	0.650	ug/L			07/13/24 01:09	1
Chlorobenzene	<1.00		1.00	0.400	ug/L			07/13/24 01:09	1
Chlorodibromomethane	<5.00		5.00	0.750	ug/L			07/13/24 01:09	1
Chloroethane	<4.00		4.00	0.790	ug/L			07/13/24 01:09	1
Chloroform	<3.00		3.00	1.30	ug/L			07/13/24 01:09	1
Chloromethane	<3.00		3.00	0.610	ug/L			07/13/24 01:09	1
cis-1,2-Dichloroethene	<1.00		1.00	0.210	ug/L			07/13/24 01:09	1
cis-1,3-Dichloropropene	<5.00		5.00	0.250	ug/L			07/13/24 01:09	1
1,2-Dibromo-3-chloropropane	<5.00		5.00	1.20	ug/L			07/13/24 01:09	1
1,2-Dibromoethane (EDB)	<1.00		1.00	0.340	ug/L			07/13/24 01:09	1
Dibromomethane	<1.00		1.00	0.330	ug/L			07/13/24 01:09	1
1,2-Dichlorobenzene	<1.00		1.00	0.370	ug/L			07/13/24 01:09	1
1,4-Dichlorobenzene	<1.00		1.00	0.230	ug/L			07/13/24 01:09	1
1,1-Dichloroethane	<1.00		1.00	0.220	ug/L			07/13/24 01:09	1
1,2-Dichloroethane	<1.00		1.00	0.390	ug/L			07/13/24 01:09	1
1,1-Dichloroethene	<2.00		2.00	0.560	ug/L			07/13/24 01:09	1
1,2-Dichloropropane	<1.00		1.00	0.270	ug/L			07/13/24 01:09	1
Ethylbenzene	<1.00		1.00	0.310	ug/L			07/13/24 01:09	1
2-Hexanone	<10.0		10.0	2.00	ug/L			07/13/24 01:09	1
Iodomethane	<10.0		10.0	7.00	ug/L			07/13/24 01:09	1
Methylene chloride	<5.00		5.00	1.70	ug/L			07/13/24 01:09	1
4-Methyl-2-pentanone (MIBK)	<10.0		10.0	2.10	ug/L			07/13/24 01:09	1
Styrene	<1.00		1.00	0.370	ug/L			07/13/24 01:09	1
1,1,1,2-Tetrachloroethane	<1.00		1.00	0.380	ug/L			07/13/24 01:09	1
1,1,2,2-Tetrachloroethane	<1.00		1.00	0.470	ug/L			07/13/24 01:09	1
Tetrachloroethene	<1.00		1.00	0.480	ug/L			07/13/24 01:09	1
Toluene	<1.00		1.00	0.430	ug/L			07/13/24 01:09	1
trans-1,4-Dichloro-2-butene	<10.0		10.0	1.10	ug/L			07/13/24 01:09	1
trans-1,2-Dichloroethene	<1.00		1.00	0.270	ug/L			07/13/24 01:09	1
trans-1,3-Dichloropropene	<5.00		5.00	0.560	ug/L			07/13/24 01:09	1
1,1,1-Trichloroethane	<1.00		1.00	0.190	ug/L			07/13/24 01:09	1
1,1,2-Trichloroethane	<1.00		1.00	0.450	ug/L			07/13/24 01:09	1
Trichloroethene	<1.00		1.00	0.430	ug/L			07/13/24 01:09	1
Trichlorofluoromethane	<4.00		4.00	0.380	ug/L			07/13/24 01:09	1
1,2,3-Trichloropropane	<1.00		1.00	0.590	ug/L			07/13/24 01:09	1
Vinyl acetate	<10.0		10.0	2.50	ug/L			07/13/24 01:09	1
Vinyl chloride	<1.00		1.00	0.180	ug/L			07/13/24 01:09	1
Xylenes, Total	<3.00		3.00	0.400	ug/L			07/13/24 01:09	1

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QC Sample Results

Client: HDR Inc
 Project/Site: Metro Park EAST-Landfill - GW Ph2 (MW-E)

Job ID: 310-285609-1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 310-427115/5

Matrix: Water

Analysis Batch: 427115

Client Sample ID: Method Blank

Prep Type: Total/NA

Surrogate	MB MB		Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
4-Bromofluorobenzene (Surr)	105		80 - 120		07/13/24 01:09	1
Dibromofluoromethane (Surr)	108		73 - 130		07/13/24 01:09	1
Toluene-d8 (Surr)	92		80 - 120		07/13/24 01:09	1

Lab Sample ID: LCS 310-427115/6

Matrix: Water

Analysis Batch: 427115

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Acrylonitrile	200	198.0		ug/L		99	50 - 150
Benzene	20.0	19.66		ug/L		98	72 - 124
Bromochloromethane	20.0	22.73		ug/L		114	73 - 130
Bromodichloromethane	20.0	21.57		ug/L		108	74 - 122
Bromoform	20.0	18.40		ug/L		92	61 - 122
2-Butanone (MEK)	40.0	38.77		ug/L		97	50 - 150
Carbon disulfide	20.0	19.69		ug/L		98	59 - 135
Carbon tetrachloride	20.0	23.07		ug/L		115	67 - 132
Chlorobenzene	20.0	19.10		ug/L		96	76 - 120
Chlorodibromomethane	20.0	22.72		ug/L		114	71 - 121
Chloroform	20.0	20.95		ug/L		105	72 - 125
cis-1,2-Dichloroethene	20.0	19.63		ug/L		98	74 - 123
cis-1,3-Dichloropropene	20.0	20.07		ug/L		100	71 - 125
1,2-Dibromo-3-chloropropane	20.0	17.92		ug/L		90	50 - 150
1,2-Dibromoethane (EDB)	20.0	21.39		ug/L		107	75 - 125
Dibromomethane	20.0	20.99		ug/L		105	74 - 125
1,2-Dichlorobenzene	20.0	18.82		ug/L		94	74 - 120
1,4-Dichlorobenzene	20.0	18.12		ug/L		91	72 - 120
1,1-Dichloroethane	20.0	19.94		ug/L		100	70 - 127
1,2-Dichloroethane	20.0	21.44		ug/L		107	71 - 125
1,1-Dichloroethene	20.0	22.55		ug/L		113	63 - 132
1,2-Dichloropropane	20.0	20.29		ug/L		101	73 - 124
Ethylbenzene	20.0	19.35		ug/L		97	74 - 122
2-Hexanone	40.0	42.09		ug/L		105	60 - 140
Iodomethane	20.0	22.48		ug/L		112	10 - 150
Methylene chloride	20.0	20.97		ug/L		105	50 - 150
4-Methyl-2-pentanone (MIBK)	40.0	41.13		ug/L		103	60 - 139
Styrene	20.0	19.96		ug/L		100	74 - 121
1,1,1,2-Tetrachloroethane	20.0	19.91		ug/L		100	71 - 120
1,1,2,2-Tetrachloroethane	20.0	19.32		ug/L		97	68 - 124
Tetrachloroethene	20.0	23.52		ug/L		118	71 - 130
Toluene	20.0	20.05		ug/L		100	74 - 123
trans-1,4-Dichloro-2-butene	20.0	16.04		ug/L		80	50 - 150
trans-1,2-Dichloroethene	20.0	21.56		ug/L		108	70 - 126
trans-1,3-Dichloropropene	20.0	20.35		ug/L		102	69 - 123
1,1,1-Trichloroethane	20.0	22.40		ug/L		112	73 - 129
1,1,2-Trichloroethane	20.0	20.56		ug/L		103	73 - 123
Trichloroethene	20.0	21.86		ug/L		109	72 - 126

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QC Sample Results

Client: HDR Inc
 Project/Site: Metro Park EAST-Landfill - GW Ph2 (MW-E)

Job ID: 310-285609-1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 310-427115/6
Matrix: Water
Analysis Batch: 427115

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS	LCS	Unit	D	%Rec	%Rec Limits
		Result	Qualifier				
1,2,3-Trichloropropane	20.0	19.05		ug/L		95	65 - 127
Vinyl acetate	40.0	38.11		ug/L		95	50 - 150
Xylenes, Total	40.0	38.47		ug/L		96	73 - 123

Surrogate	LCS		Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene (Surr)	100		80 - 120
Dibromofluoromethane (Surr)	110		73 - 130
Toluene-d8 (Surr)	96		80 - 120

Lab Sample ID: LCS 310-427115/7
Matrix: Water
Analysis Batch: 427115

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS	LCS	Unit	D	%Rec	%Rec Limits
		Result	Qualifier				
Bromomethane	20.0	24.29		ug/L		121	23 - 150
Chloroethane	20.0	19.26		ug/L		96	54 - 136
Chloromethane	20.0	21.50		ug/L		107	38 - 150
Trichlorofluoromethane	20.0	22.62		ug/L		113	54 - 149
Vinyl chloride	20.0	20.01		ug/L		100	56 - 140

Surrogate	LCS		Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene (Surr)	101		80 - 120
Dibromofluoromethane (Surr)	110		73 - 130
Toluene-d8 (Surr)	93		80 - 120

Method: 6020B - Metals (ICP/MS)

Lab Sample ID: MB 310-427186/1-A
Matrix: Water
Analysis Batch: 427643

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 427186

Analyte	MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Arsenic	<0.00200		0.00200	0.000530	mg/L		07/15/24 09:00	07/17/24 15:15	1
Barium	<0.00200		0.00200	0.000660	mg/L		07/15/24 09:00	07/17/24 15:15	1
Beryllium	<0.00100		0.00100	0.000330	mg/L		07/15/24 09:00	07/17/24 15:15	1
Cadmium	<0.000200		0.000200	0.000100	mg/L		07/15/24 09:00	07/17/24 15:15	1
Chromium	<0.00500		0.00500	0.00120	mg/L		07/15/24 09:00	07/17/24 15:15	1
Cobalt	<0.000500		0.000500	0.000170	mg/L		07/15/24 09:00	07/17/24 15:15	1
Copper	<0.00500		0.00500	0.00180	mg/L		07/15/24 09:00	07/17/24 15:15	1
Lead	<0.000500		0.000500	0.000260	mg/L		07/15/24 09:00	07/17/24 15:15	1
Nickel	<0.00500		0.00500	0.00210	mg/L		07/15/24 09:00	07/17/24 15:15	1
Selenium	<0.00500		0.00500	0.00140	mg/L		07/15/24 09:00	07/17/24 15:15	1
Silver	<0.00100		0.00100	0.000500	mg/L		07/15/24 09:00	07/17/24 15:15	1
Thallium	<0.00100		0.00100	0.000570	mg/L		07/15/24 09:00	07/17/24 15:15	1
Vanadium	<0.00500		0.00500	0.00110	mg/L		07/15/24 09:00	07/17/24 15:15	1
Zinc	<0.0200		0.0200	0.00970	mg/L		07/15/24 09:00	07/17/24 15:15	1

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QC Sample Results

Client: HDR Inc
 Project/Site: Metro Park EAST-Landfill - GW Ph2 (MW-E)

Job ID: 310-285609-1

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: MB 310-427186/1-A
 Matrix: Water
 Analysis Batch: 429423

Client Sample ID: Method Blank
 Prep Type: Total/NA
 Prep Batch: 427186

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00200		0.00200	0.00100	mg/L		07/15/24 09:00	08/05/24 14:06	1

Lab Sample ID: LCS 310-427186/2-A
 Matrix: Water
 Analysis Batch: 427643

Client Sample ID: Lab Control Sample
 Prep Type: Total/NA
 Prep Batch: 427186

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Arsenic	0.200	0.2117		mg/L		106	80 - 120
Barium	0.100	0.1089		mg/L		109	80 - 120
Beryllium	0.100	0.09564		mg/L		96	80 - 120
Cadmium	0.100	0.1015		mg/L		102	80 - 120
Chromium	0.100	0.1054		mg/L		105	80 - 120
Cobalt	0.100	0.1086		mg/L		109	80 - 120
Copper	0.200	0.2118		mg/L		106	80 - 120
Lead	0.200	0.2173		mg/L		109	80 - 120
Nickel	0.200	0.2083		mg/L		104	80 - 120
Selenium	0.400	0.4284		mg/L		107	80 - 120
Silver	0.100	0.1102		mg/L		110	80 - 120
Thallium	0.100	0.1100		mg/L		110	80 - 120
Vanadium	0.100	0.1035		mg/L		104	80 - 120
Zinc	0.200	0.1881		mg/L		94	80 - 120

Lab Sample ID: LCS 310-427186/2-A
 Matrix: Water
 Analysis Batch: 429423

Client Sample ID: Lab Control Sample
 Prep Type: Total/NA
 Prep Batch: 427186

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	0.200	0.2319		mg/L		116	80 - 120

Method: I-3765-85 - Residue, Non-filterable (TSS)

Lab Sample ID: MB 310-427430/1
 Matrix: Water
 Analysis Batch: 427430

Client Sample ID: Method Blank
 Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids	<5.00		5.00	3.70	mg/L			07/16/24 13:15	1

Lab Sample ID: LCS 310-427430/2
 Matrix: Water
 Analysis Batch: 427430

Client Sample ID: Lab Control Sample
 Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Suspended Solids	100	106.0		mg/L		106	81 - 116

QC Association Summary

Client: HDR Inc
Project/Site: Metro Park EAST-Landfill - GW Ph2 (MW-E)

Job ID: 310-285609-1

GC/MS VOA

Analysis Batch: 427115

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-285609-1	MW-E	Total/NA	Water	8260D	
310-285609-2	TB-2	Total/NA	Water	8260D	
MB 310-427115/5	Method Blank	Total/NA	Water	8260D	
LCS 310-427115/6	Lab Control Sample	Total/NA	Water	8260D	
LCS 310-427115/7	Lab Control Sample	Total/NA	Water	8260D	

Metals

Prep Batch: 427186

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-285609-1	MW-E	Total/NA	Water	3005A	
MB 310-427186/1-A	Method Blank	Total/NA	Water	3005A	
LCS 310-427186/2-A	Lab Control Sample	Total/NA	Water	3005A	

Analysis Batch: 427643

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-285609-1	MW-E	Total/NA	Water	6020B	427186
MB 310-427186/1-A	Method Blank	Total/NA	Water	6020B	427186
LCS 310-427186/2-A	Lab Control Sample	Total/NA	Water	6020B	427186

Analysis Batch: 429423

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 310-427186/1-A	Method Blank	Total/NA	Water	6020B	427186
LCS 310-427186/2-A	Lab Control Sample	Total/NA	Water	6020B	427186

General Chemistry

Analysis Batch: 427430

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-285609-1	MW-E	Total/NA	Water	I-3765-85	
MB 310-427430/1	Method Blank	Total/NA	Water	I-3765-85	
LCS 310-427430/2	Lab Control Sample	Total/NA	Water	I-3765-85	

Lab Chronicle

Client: HDR Inc
 Project/Site: Metro Park EAST-Landfill - GW Ph2 (MW-E)

Job ID: 310-285609-1

Client Sample ID: MW-E

Lab Sample ID: 310-285609-1

Date Collected: 07/10/24 15:20

Matrix: Water

Date Received: 07/11/24 15:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	427115	WSE8	EET CF	07/13/24 04:10
Total/NA	Prep	3005A			427186	QTZ5	EET CF	07/15/24 09:00
Total/NA	Analysis	6020B		1	427643	NFT2	EET CF	07/17/24 16:24
Total/NA	Analysis	I-3765-85		1	427430	HE7K	EET CF	07/16/24 13:15

Client Sample ID: TB-2

Lab Sample ID: 310-285609-2

Date Collected: 07/10/24 15:28

Matrix: Water

Date Received: 07/11/24 15:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	427115	WSE8	EET CF	07/13/24 03:25

Laboratory References:

EET CF = Eurofins Cedar Falls, 3019 Venture Way, Cedar Falls, IA 50613, TEL (319)277-2401



Accreditation/Certification Summary

Client: HDR Inc
Project/Site: Metro Park EAST-Landfill - GW Ph2 (MW-E)

Job ID: 310-285609-1

Laboratory: Eurofins Cedar Falls

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Iowa	State	007	12-01-25

1

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Method Summary

Client: HDR Inc
Project/Site: Metro Park EAST-Landfill - GW Ph2 (MW-E)

Job ID: 310-285609-1

Method	Method Description	Protocol	Laboratory
8260D	Volatile Organic Compounds by GC/MS	SW846	EET CF
6020B	Metals (ICP/MS)	SW846	EET CF
I-3765-85	Residue, Non-filterable (TSS)	USGS	EET CF
3005A	Preparation, Total Metals	SW846	EET CF
5030B	Purge and Trap	SW846	EET CF

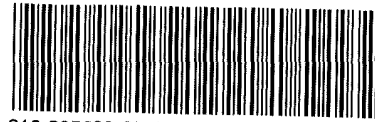
Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.
USGS = "Methods For Analysis Of Water And Fluvial Sediments", USGS, 1989

Laboratory References:

EET CF = Eurofins Cedar Falls, 3019 Venture Way, Cedar Falls, IA 50613, TEL (319)277-2401





Cooler/Sample Receipt and Temperature Log Form

Client Information			
Client: <u>HDR</u>			
City/State:	CITY <u>Omaha</u>	STATE <u>NE</u>	Project:
Receipt Information			
Date/Time Received:	DATE <u>7/11/24</u>	TIME <u>1545</u>	Received By: <u>MRH</u>
Delivery Type: <input type="checkbox"/> UPS <input type="checkbox"/> FedEx <input type="checkbox"/> FedEx Ground <input type="checkbox"/> US Mail <input type="checkbox"/> Spee-Dee <input checked="" type="checkbox"/> Lab Courier <input type="checkbox"/> Lab Field Services <input type="checkbox"/> Client Drop-off <input type="checkbox"/> Other: _____			
Condition of Cooler/Containers			
Sample(s) received in Cooler?		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	If yes: Cooler ID: _____
Multiple Coolers?		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If yes: Cooler # _____ of _____
Cooler Custody Seals Present?		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If yes: Cooler custody seals intact? <input type="checkbox"/> Yes <input type="checkbox"/> No
Sample Custody Seals Present?		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If yes: Sample custody seals intact? <input type="checkbox"/> Yes <input type="checkbox"/> No
Trip Blank Present?		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	If yes: Which VOA samples are in cooler? ↓
<u>TB for Ph II. All vials rec'd</u>			
Temperature Record			
Coolant: <input checked="" type="checkbox"/> Wet ice <input type="checkbox"/> Blue ice <input type="checkbox"/> Dry ice <input type="checkbox"/> Other: _____ <input type="checkbox"/> NONE			
Thermometer ID: <u>Y</u>		Correction Factor (°C): <u>0.0</u>	
Temp Blank Temperature - If no temp blank, or temp blank temperature above criteria, proceed to Sample Container Temperature			
Uncorrected Temp (°C): <u>1.4</u>		Corrected Temp (°C): <u>1.4</u>	
Sample Container Temperature			
Container(s) used:	<u>CONTAINER 1</u>	<u>CONTAINER 2</u>	
Uncorrected Temp (°C):			
Corrected Temp (°C):			
Exceptions Noted			
1) If temperature exceeds criteria, was sample(s) received same day of sampling? <input type="checkbox"/> Yes <input type="checkbox"/> No a) If yes: Is there evidence that the chilling process began? <input type="checkbox"/> Yes <input type="checkbox"/> No			
2) If temperature is <0°C, are there obvious signs that the integrity of sample containers is compromised? (e.g., bulging septa, broken/cracked bottles, frozen solid?) <input type="checkbox"/> Yes <input type="checkbox"/> No			
NOTE. If yes, contact PM before proceeding. If no, proceed with login			
Additional Comments			



Client Information		Lab PM: Calhoun Commer M		Carrier Tracking No(s):		COC No: 310-94514-259411	
Richard Wilson		E-Mail: Conner Calhoun@et.eurofins.com		State of Origin:		Page: Page 1 of 1	
Company: HDR Inc		PWSID:		Analysis Requested		Job #: _____	
Address: 1917 S 67th Street		Due Date Requested:		Preservation Codes		D - HNC3	
City: Omaha		TAT Requested (days):		A - HCL		N - None	
State, Zip: NE, 68106		Compliance Project: <input type="checkbox"/> Yes <input type="checkbox"/> No		6020B - Appendix I		Total Number of Containers	
Phone: 402-392-6714(Tel)		Purchase Order not required		6260D - Volatile Appendix I Sublist		Other	
Email: richard.wilson2@hdrinc.com		WO #: _____		Form MS/MSD (Yes or No)		Special Instructions/Note:	
Project Name: Metro Park EAST Landfill- GW Ph 2 (MW-E)		ENTER PROJ NAME FROM COC HERE		Field Filtered Sample (Yes or No)		_____	
Site: _____		Project #: 31016556		D A N		_____	
Sample Identification		Sample Date		Sample Time		Sample Type (C=Comp, G=grab)	
MW-E		7/10/24		1520		G	
TB-2		7/10/24		1528		G	
Matrix (Water, Solid, Organic, Aqueous)		Preservation Code:		Matrix		Water	
_____		_____		Water		Water	
Possible Hazard Identification		<input type="checkbox"/> Non-Hazard		<input type="checkbox"/> Flammable		<input type="checkbox"/> Skin Irritant	
Deliverable Requested I, II, III, IV, Other (specify)		<input type="checkbox"/> Poison B		<input type="checkbox"/> Unknown		<input type="checkbox"/> Radiological	
Empty Kit Relinquished by: _____		Date: _____		Time: _____		Method of Shipment: _____	
Relinquished by: _____		Date/Time: 7/10/24 2045		Company: HDR		Received by: _____	
Relinquished by: _____		Date/Time: 7/11/24 0100		Company: _____		Received by: _____	
Relinquished by: _____		Date/Time: _____		Company: _____		Received by: _____	
Custody Seals Intact: <input type="checkbox"/> Yes <input type="checkbox"/> No		Custody Seal No		Cooler Temperature(s) °C and Other Remarks.		_____	

Login Sample Receipt Checklist

Client: HDR Inc

Job Number: 310-285609-1

SDG Number:

Login Number: 285609

List Number: 1

Creator: Homolar, Dana J

List Source: Eurofins Cedar Falls

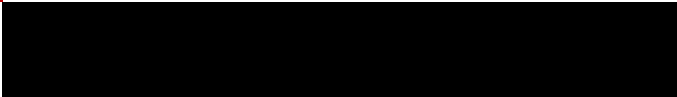
Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	





Analytical Reports

October 2024



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ANALYTICAL REPORT

PREPARED FOR

Attn: Richard Wilson
HDR Inc
1917 S 67th Street
Omaha, Nebraska 68106
Generated 10/30/2024 4:21:26 PM

JOB DESCRIPTION

Metro Park EAST-Landfill Phase II

JOB NUMBER

310-292696-1

Eurofins Cedar Falls

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing North Central, LLC Project Manager.

Authorization



Generated
10/30/2024 4:21:26 PM

Authorized for release by
Conner Calhoun, Client Service Manager
Conner.Calhoun@et.eurofinsus.com
(319)277-2401



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Case Narrative

Client: HDR Inc
Project: Metro Park EAST-Landfill Phase II

Job ID: 310-292696-1

Job ID: 310-292696-1

Eurofins Cedar Falls

Job Narrative 310-292696-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Receipt

The samples were received on 10/11/2024 5:10 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperatures of the 2 coolers at receipt time were 1.0°C and 1.3°C.

Subcontract Work

Method Asbestos: This method was subcontracted to International Asbestos Testing Labs. The subcontract laboratory certification is different from that of the facility issuing the final report. The subcontract report is appended in its entirety.

GC/MS VOA

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

GC/MS Semi VOA

Method 8270E: The continuing calibration verification (CCV) associated with batch 310-436778 recovered above the upper control limit for Pronamide (20.3%D). The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

PCBs

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Pesticides

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Metals

Method 6020B: The following sample was received with insufficient preservation: Leachate (310-292696-12). The maximum amount of preservative was added by the laboratory, but the sample remained strongly basic. No further attempt was made to acidify the sample, as it would have diluted the sample. This does not meet regulatory requirements. Due to the difficult matrix, only 10 mL was used for digestion.

Method 6020B: The following samples were diluted due to the nature of the sample matrix: GU-3 (310-292696-6), MW-66 (310-292696-10) and GU-5 (310-292696-15). Elevated reporting limits (RLs) are provided.

Method 6020B: The following samples were diluted due to the nature of the sample matrix: MW-66 (310-292696-10) and GU-5 (310-292696-15). Elevated reporting limits (RLs) are provided.

Method 7470A: The following sample was received with insufficient preservation: Leachate (310-292696-12). The maximum amount of preservative was added by the laboratory, but the sample remained strongly basic. No further attempt was made to acidify the sample, as it would have diluted the sample. This does not meet regulatory requirements. Due to the difficult matrix of the sample, only 10 mL was digested.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

General Chemistry

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Eurofins Cedar Falls

Case Narrative

Client: HDR Inc
Project: Metro Park EAST-Landfill Phase II

Job ID: 310-292696-1

Job ID: 310-292696-1 (Continued)

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Eurofins Cedar Falls

Sample Summary

Client: HDR Inc
Project/Site: Metro Park EAST-Landfill Phase II

Job ID: 310-292696-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
310-292696-1	MW-26	Water	10/10/24 14:43	10/11/24 17:10
310-292696-2	MW-67	Water	10/10/24 10:30	10/11/24 17:10
310-292696-3	MW-B	Water	10/10/24 12:58	10/11/24 17:10
310-292696-4	MW-C	Water	10/10/24 12:46	10/11/24 17:10
310-292696-5	MW-E	Water	10/10/24 15:03	10/11/24 17:10
310-292696-6	GU-3	Water	10/10/24 17:50	10/11/24 17:10
310-292696-9	MW-37	Water	10/10/24 11:55	10/11/24 17:10
310-292696-10	MW-66	Water	10/10/24 09:52	10/11/24 17:10
310-292696-11	Dup-4	Water	10/10/24 13:00	10/11/24 17:10
310-292696-12	Leachate	Water	10/10/24 16:10	10/11/24 17:10
310-292696-13	TB-2	Water	10/10/24 17:08	10/11/24 17:10
310-292696-14	GU-4	Water	10/10/24 17:08	10/11/24 17:10
310-292696-15	GU-5	Water	10/10/24 17:08	10/11/24 17:10

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Detection Summary

Client: HDR Inc

Job ID: 310-292696-1

Project/Site: Metro Park EAST-Landfill Phase II

Client Sample ID: MW-26

Lab Sample ID: 310-292696-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	0.0703		0.00200	0.000660	mg/L	1		6020B	Total/NA
Cadmium	0.000175	J	0.000200	0.000100	mg/L	1		6020B	Total/NA
Cobalt	0.000189	J	0.000500	0.000170	mg/L	1		6020B	Total/NA
Copper	0.00576		0.00500	0.00180	mg/L	1		6020B	Total/NA
Nickel	0.00345	J	0.00500	0.00210	mg/L	1		6020B	Total/NA
Selenium	0.00163	J	0.00500	0.00140	mg/L	1		6020B	Total/NA
Vanadium	0.00139	J	0.00500	0.00110	mg/L	1		6020B	Total/NA

Client Sample ID: MW-67

Lab Sample ID: 310-292696-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	0.0340		0.00200	0.000660	mg/L	1		6020B	Total/NA
Cobalt	0.000745		0.000500	0.000170	mg/L	1		6020B	Total/NA
Nickel	0.00789		0.00500	0.00210	mg/L	1		6020B	Total/NA
Total Suspended Solids	6.00		1.88	1.39	mg/L	1		I-3765-85	Total/NA

Client Sample ID: MW-B

Lab Sample ID: 310-292696-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	0.0443		0.00200	0.000660	mg/L	1		6020B	Total/NA
Cobalt	0.000257	J	0.000500	0.000170	mg/L	1		6020B	Total/NA
Total Suspended Solids	3.00		1.88	1.39	mg/L	1		I-3765-85	Total/NA

Client Sample ID: MW-C

Lab Sample ID: 310-292696-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	0.00150	J	0.00200	0.000530	mg/L	1		6020B	Total/NA
Barium	0.273		0.00200	0.000660	mg/L	1		6020B	Total/NA
Cobalt	0.000177	J	0.000500	0.000170	mg/L	1		6020B	Total/NA
Total Suspended Solids	9.20		3.00	2.22	mg/L	1		I-3765-85	Total/NA

Client Sample ID: MW-E

Lab Sample ID: 310-292696-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	0.00139	J	0.00200	0.000530	mg/L	1		6020B	Total/NA
Barium	0.596		0.00200	0.000660	mg/L	1		6020B	Total/NA
Cadmium	0.000130	J	0.000200	0.000100	mg/L	1		6020B	Total/NA
Cobalt	0.000652		0.000500	0.000170	mg/L	1		6020B	Total/NA
Lead	0.000348	J	0.000500	0.000260	mg/L	1		6020B	Total/NA
Total Suspended Solids	14.1		1.88	1.39	mg/L	1		I-3765-85	Total/NA

Client Sample ID: GU-3

Lab Sample ID: 310-292696-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	0.00281		0.00200	0.000530	mg/L	1		6020B	Total/NA
Barium	0.0839		0.00200	0.000660	mg/L	1		6020B	Total/NA
Cadmium	0.000414		0.000200	0.000100	mg/L	1		6020B	Total/NA
Chromium	0.0114		0.00500	0.00120	mg/L	1		6020B	Total/NA
Cobalt	0.00196		0.000500	0.000170	mg/L	1		6020B	Total/NA
Copper	0.00507		0.00500	0.00180	mg/L	1		6020B	Total/NA
Lead	0.000764		0.000500	0.000260	mg/L	1		6020B	Total/NA
Nickel	0.0342		0.0200	0.00840	mg/L	4		6020B	Total/NA
Vanadium	0.00365	J	0.00500	0.00110	mg/L	1		6020B	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Cedar Falls

Detection Summary

Client: HDR Inc
Project/Site: Metro Park EAST-Landfill Phase II

Job ID: 310-292696-1

Client Sample ID: GU-3 (Continued)

Lab Sample ID: 310-292696-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Zinc	3.05		0.0800	0.0388	mg/L	4		6020B	Total/NA
Total Suspended Solids	29.6		3.00	2.22	mg/L	1		I-3765-85	Total/NA

Client Sample ID: MW-37

Lab Sample ID: 310-292696-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	0.00182	J	0.00200	0.000530	mg/L	1		6020B	Total/NA
Barium	0.0771		0.00200	0.000660	mg/L	1		6020B	Total/NA
Cobalt	0.000770		0.000500	0.000170	mg/L	1		6020B	Total/NA
Total Suspended Solids	8.80		3.00	2.22	mg/L	1		I-3765-85	Total/NA

Client Sample ID: MW-66

Lab Sample ID: 310-292696-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	0.000971	J	0.00200	0.000530	mg/L	1		6020B	Total/NA
Barium	0.0238		0.00200	0.000660	mg/L	1		6020B	Total/NA
Cobalt	0.000204	J	0.000500	0.000170	mg/L	1		6020B	Total/NA

Client Sample ID: Dup-4

Lab Sample ID: 310-292696-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	0.0424		0.00200	0.000660	mg/L	1		6020B	Total/NA
Cadmium	0.000189	J	0.000200	0.000100	mg/L	1		6020B	Total/NA
Cobalt	0.000259	J	0.000500	0.000170	mg/L	1		6020B	Total/NA
Total Suspended Solids	2.75		1.88	1.39	mg/L	1		I-3765-85	Total/NA

Client Sample ID: Leachate

Lab Sample ID: 310-292696-12

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	2950		100	31.0	ug/L	10		8260D	Total/NA
Benzene	2.46	J	5.00	2.20	ug/L	10		8260D	Total/NA
2-Butanone (MEK)	904		100	21.0	ug/L	10		8260D	Total/NA
4-Methyl-2-pentanone (MIBK)	27.1	J	100	21.0	ug/L	10		8260D	Total/NA
Toluene	8.52	J	10.0	4.30	ug/L	10		8260D	Total/NA
Xylenes, Total	14.8	J	30.0	4.00	ug/L	10		8260D	Total/NA
2-Methylphenol	5.15	J	10.0	0.650	ug/L	1		8270E	Total/NA
Acetophenone	9.74	J	10.0	0.690	ug/L	1		8270E	Total/NA
N-Nitrosodiethylamine	12.9		10.0	3.40	ug/L	1		8270E	Total/NA
Antimony	0.0238		0.0100	0.00500	mg/L	1		6020B	Total/NA
Arsenic	0.0672		0.0100	0.00265	mg/L	1		6020B	Total/NA
Barium	0.329		0.0100	0.00330	mg/L	1		6020B	Total/NA
Chromium	0.0665		0.0250	0.00600	mg/L	1		6020B	Total/NA
Cobalt	0.0214		0.00250	0.000850	mg/L	1		6020B	Total/NA
Nickel	0.160		0.0250	0.0105	mg/L	1		6020B	Total/NA
Vanadium	0.0412		0.0250	0.00550	mg/L	1		6020B	Total/NA
Cyanide, Total	0.00384	J	0.0100	0.00350	mg/L	1		335.4	Total/NA
Total Dissolved Solids	5610		250	210	mg/L	1		SM 2540C	Total/NA

Client Sample ID: TB-2

Lab Sample ID: 310-292696-13

No Detections.

This Detection Summary does not include radiochemical test results.

Eurofins Cedar Falls

Detection Summary

Client: HDR Inc

Job ID: 310-292696-1

Project/Site: Metro Park EAST-Landfill Phase II

Client Sample ID: GU-4

Lab Sample ID: 310-292696-14

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	0.00102	J	0.00200	0.000530	mg/L	1		6020B	Total/NA
Barium	0.0745		0.00200	0.000660	mg/L	1		6020B	Total/NA
Cobalt	0.00525		0.000500	0.000170	mg/L	1		6020B	Total/NA
Nickel	0.0106		0.00500	0.00210	mg/L	1		6020B	Total/NA

Client Sample ID: GU-5

Lab Sample ID: 310-292696-15

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	0.00767		0.00200	0.000530	mg/L	1		6020B	Total/NA
Barium	0.0579		0.00200	0.000660	mg/L	1		6020B	Total/NA
Cobalt	0.00526		0.000500	0.000170	mg/L	1		6020B	Total/NA
Total Suspended Solids	40.5		7.50	5.55	mg/L	1		I-3765-85	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Cedar Falls

Client Sample Results

Client: HDR Inc
 Project/Site: Metro Park EAST-Landfill Phase II

Job ID: 310-292696-1

Client Sample ID: MW-26

Lab Sample ID: 310-292696-1

Date Collected: 10/10/24 14:43

Matrix: Water

Date Received: 10/11/24 17:10

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<10.0		10.0	3.10	ug/L			10/18/24 08:14	1
Acrylonitrile	<5.00		5.00	2.20	ug/L			10/18/24 08:14	1
Benzene	<0.500		0.500	0.220	ug/L			10/18/24 08:14	1
Bromochloromethane	<5.00		5.00	0.540	ug/L			10/18/24 08:14	1
Bromodichloromethane	<1.00		1.00	0.390	ug/L			10/18/24 08:14	1
Bromoform	<5.00		5.00	0.780	ug/L			10/18/24 08:14	1
Bromomethane	<4.00		4.00	1.10	ug/L			10/18/24 08:14	1
2-Butanone (MEK)	<10.0		10.0	2.10	ug/L			10/18/24 08:14	1
Carbon disulfide	<1.00		1.00	0.450	ug/L			10/18/24 08:14	1
Carbon tetrachloride	<2.00		2.00	0.650	ug/L			10/18/24 08:14	1
Chlorobenzene	<1.00		1.00	0.400	ug/L			10/18/24 08:14	1
Chlorodibromomethane	<5.00		5.00	0.750	ug/L			10/18/24 08:14	1
Chloroethane	<4.00		4.00	0.790	ug/L			10/18/24 08:14	1
Chloroform	<3.00		3.00	1.30	ug/L			10/18/24 08:14	1
Chloromethane	<3.00		3.00	0.610	ug/L			10/18/24 08:14	1
cis-1,2-Dichloroethene	<1.00		1.00	0.210	ug/L			10/18/24 08:14	1
cis-1,3-Dichloropropene	<5.00		5.00	0.250	ug/L			10/18/24 08:14	1
1,2-Dibromo-3-chloropropane	<5.00		5.00	1.20	ug/L			10/18/24 08:14	1
1,2-Dibromoethane (EDB)	<1.00		1.00	0.340	ug/L			10/18/24 08:14	1
Dibromomethane	<1.00		1.00	0.330	ug/L			10/18/24 08:14	1
1,2-Dichlorobenzene	<1.00		1.00	0.370	ug/L			10/18/24 08:14	1
1,4-Dichlorobenzene	<1.00		1.00	0.230	ug/L			10/18/24 08:14	1
1,1-Dichloroethane	<1.00		1.00	0.220	ug/L			10/18/24 08:14	1
1,2-Dichloroethane	<1.00		1.00	0.390	ug/L			10/18/24 08:14	1
1,1-Dichloroethene	<2.00		2.00	0.560	ug/L			10/18/24 08:14	1
1,2-Dichloropropane	<1.00		1.00	0.270	ug/L			10/18/24 08:14	1
Ethylbenzene	<1.00		1.00	0.310	ug/L			10/18/24 08:14	1
2-Hexanone	<10.0		10.0	2.00	ug/L			10/18/24 08:14	1
Iodomethane	<10.0		10.0	7.00	ug/L			10/18/24 08:14	1
Methylene chloride	<5.00		5.00	1.70	ug/L			10/18/24 08:14	1
4-Methyl-2-pentanone (MIBK)	<10.0		10.0	2.10	ug/L			10/18/24 08:14	1
Styrene	<1.00		1.00	0.370	ug/L			10/18/24 08:14	1
1,1,1,2-Tetrachloroethane	<1.00		1.00	0.380	ug/L			10/18/24 08:14	1
1,1,2,2-Tetrachloroethane	<1.00		1.00	0.470	ug/L			10/18/24 08:14	1
Tetrachloroethene	<1.00		1.00	0.480	ug/L			10/18/24 08:14	1
Toluene	<1.00		1.00	0.430	ug/L			10/18/24 08:14	1
trans-1,4-Dichloro-2-butene	<10.0		10.0	1.10	ug/L			10/18/24 08:14	1
trans-1,2-Dichloroethene	<1.00		1.00	0.270	ug/L			10/18/24 08:14	1
trans-1,3-Dichloropropene	<5.00		5.00	0.560	ug/L			10/18/24 08:14	1
1,1,1-Trichloroethane	<1.00		1.00	0.190	ug/L			10/18/24 08:14	1
1,1,2-Trichloroethane	<1.00		1.00	0.450	ug/L			10/18/24 08:14	1
Trichloroethene	<1.00		1.00	0.430	ug/L			10/18/24 08:14	1
Trichlorofluoromethane	<4.00		4.00	0.380	ug/L			10/18/24 08:14	1
1,2,3-Trichloropropane	<1.00		1.00	0.590	ug/L			10/18/24 08:14	1
Vinyl acetate	<10.0		10.0	2.50	ug/L			10/18/24 08:14	1
Vinyl chloride	<1.00		1.00	0.180	ug/L			10/18/24 08:14	1
Xylenes, Total	<3.00		3.00	0.400	ug/L			10/18/24 08:14	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	100		80 - 120		10/18/24 08:14	1

Eurofins Cedar Falls

Client Sample Results

Client: HDR Inc
 Project/Site: Metro Park EAST-Landfill Phase II

Job ID: 310-292696-1

Client Sample ID: MW-26

Lab Sample ID: 310-292696-1

Date Collected: 10/10/24 14:43

Matrix: Water

Date Received: 10/11/24 17:10

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Dibromofluoromethane (Surr)	102		73 - 130		10/18/24 08:14	1
Toluene-d8 (Surr)	98		80 - 120		10/18/24 08:14	1

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00200		0.00200	0.00100	mg/L		10/15/24 09:30	10/16/24 16:31	1
Arsenic	<0.00200		0.00200	0.000530	mg/L		10/15/24 09:30	10/16/24 16:31	1
Barium	0.0703		0.00200	0.000660	mg/L		10/15/24 09:30	10/16/24 16:31	1
Beryllium	<0.00100		0.00100	0.000330	mg/L		10/15/24 09:30	10/16/24 16:31	1
Cadmium	0.000175 J		0.000200	0.000100	mg/L		10/15/24 09:30	10/16/24 16:31	1
Chromium	<0.00500		0.00500	0.00120	mg/L		10/15/24 09:30	10/16/24 16:31	1
Cobalt	0.000189 J		0.000500	0.000170	mg/L		10/15/24 09:30	10/16/24 16:31	1
Copper	0.00576		0.00500	0.00180	mg/L		10/15/24 09:30	10/16/24 16:31	1
Lead	<0.000500		0.000500	0.000260	mg/L		10/15/24 09:30	10/16/24 16:31	1
Nickel	0.00345 J		0.00500	0.00210	mg/L		10/15/24 09:30	10/22/24 17:58	1
Selenium	0.00163 J		0.00500	0.00140	mg/L		10/15/24 09:30	10/16/24 16:31	1
Silver	<0.00100		0.00100	0.000500	mg/L		10/15/24 09:30	10/16/24 16:31	1
Thallium	<0.00100		0.00100	0.000570	mg/L		10/15/24 09:30	10/29/24 16:39	1
Vanadium	0.00139 J		0.00500	0.00110	mg/L		10/15/24 09:30	10/16/24 16:31	1
Zinc	<0.0200		0.0200	0.00970	mg/L		10/15/24 09:30	10/16/24 16:31	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids (USGS I-3765-85)	<1.88		1.88	1.39	mg/L			10/16/24 15:09	1

Client Sample Results

Client: HDR Inc
 Project/Site: Metro Park EAST-Landfill Phase II

Job ID: 310-292696-1

Client Sample ID: MW-67

Lab Sample ID: 310-292696-2

Date Collected: 10/10/24 10:30

Matrix: Water

Date Received: 10/11/24 17:10

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<10.0		10.0	3.10	ug/L			10/18/24 08:36	1
Acrylonitrile	<5.00		5.00	2.20	ug/L			10/18/24 08:36	1
Benzene	<0.500		0.500	0.220	ug/L			10/18/24 08:36	1
Bromochloromethane	<5.00		5.00	0.540	ug/L			10/18/24 08:36	1
Bromodichloromethane	<1.00		1.00	0.390	ug/L			10/18/24 08:36	1
Bromoform	<5.00		5.00	0.780	ug/L			10/18/24 08:36	1
Bromomethane	<4.00		4.00	1.10	ug/L			10/18/24 08:36	1
2-Butanone (MEK)	<10.0		10.0	2.10	ug/L			10/18/24 08:36	1
Carbon disulfide	<1.00		1.00	0.450	ug/L			10/18/24 08:36	1
Carbon tetrachloride	<2.00		2.00	0.650	ug/L			10/18/24 08:36	1
Chlorobenzene	<1.00		1.00	0.400	ug/L			10/18/24 08:36	1
Chlorodibromomethane	<5.00		5.00	0.750	ug/L			10/18/24 08:36	1
Chloroethane	<4.00		4.00	0.790	ug/L			10/18/24 08:36	1
Chloroform	<3.00		3.00	1.30	ug/L			10/18/24 08:36	1
Chloromethane	<3.00		3.00	0.610	ug/L			10/18/24 08:36	1
cis-1,2-Dichloroethene	<1.00		1.00	0.210	ug/L			10/18/24 08:36	1
cis-1,3-Dichloropropene	<5.00		5.00	0.250	ug/L			10/18/24 08:36	1
1,2-Dibromo-3-chloropropane	<5.00		5.00	1.20	ug/L			10/18/24 08:36	1
1,2-Dibromoethane (EDB)	<1.00		1.00	0.340	ug/L			10/18/24 08:36	1
Dibromomethane	<1.00		1.00	0.330	ug/L			10/18/24 08:36	1
1,2-Dichlorobenzene	<1.00		1.00	0.370	ug/L			10/18/24 08:36	1
1,4-Dichlorobenzene	<1.00		1.00	0.230	ug/L			10/18/24 08:36	1
1,1-Dichloroethane	<1.00		1.00	0.220	ug/L			10/18/24 08:36	1
1,2-Dichloroethane	<1.00		1.00	0.390	ug/L			10/18/24 08:36	1
1,1-Dichloroethene	<2.00		2.00	0.560	ug/L			10/18/24 08:36	1
1,2-Dichloropropane	<1.00		1.00	0.270	ug/L			10/18/24 08:36	1
Ethylbenzene	<1.00		1.00	0.310	ug/L			10/18/24 08:36	1
2-Hexanone	<10.0		10.0	2.00	ug/L			10/18/24 08:36	1
Iodomethane	<10.0		10.0	7.00	ug/L			10/18/24 08:36	1
Methylene chloride	<5.00		5.00	1.70	ug/L			10/18/24 08:36	1
4-Methyl-2-pentanone (MIBK)	<10.0		10.0	2.10	ug/L			10/18/24 08:36	1
Styrene	<1.00		1.00	0.370	ug/L			10/18/24 08:36	1
1,1,1,2-Tetrachloroethane	<1.00		1.00	0.380	ug/L			10/18/24 08:36	1
1,1,2,2-Tetrachloroethane	<1.00		1.00	0.470	ug/L			10/18/24 08:36	1
Tetrachloroethene	<1.00		1.00	0.480	ug/L			10/18/24 08:36	1
Toluene	<1.00		1.00	0.430	ug/L			10/18/24 08:36	1
trans-1,4-Dichloro-2-butene	<10.0		10.0	1.10	ug/L			10/18/24 08:36	1
trans-1,2-Dichloroethene	<1.00		1.00	0.270	ug/L			10/18/24 08:36	1
trans-1,3-Dichloropropene	<5.00		5.00	0.560	ug/L			10/18/24 08:36	1
1,1,1-Trichloroethane	<1.00		1.00	0.190	ug/L			10/18/24 08:36	1
1,1,2-Trichloroethane	<1.00		1.00	0.450	ug/L			10/18/24 08:36	1
Trichloroethene	<1.00		1.00	0.430	ug/L			10/18/24 08:36	1
Trichlorofluoromethane	<4.00		4.00	0.380	ug/L			10/18/24 08:36	1
1,2,3-Trichloropropane	<1.00		1.00	0.590	ug/L			10/18/24 08:36	1
Vinyl acetate	<10.0		10.0	2.50	ug/L			10/18/24 08:36	1
Vinyl chloride	<1.00		1.00	0.180	ug/L			10/18/24 08:36	1
Xylenes, Total	<3.00		3.00	0.400	ug/L			10/18/24 08:36	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	99		80 - 120		10/18/24 08:36	1

Eurofins Cedar Falls

Client Sample Results

Client: HDR Inc
Project/Site: Metro Park EAST-Landfill Phase II

Job ID: 310-292696-1

Client Sample ID: MW-67

Lab Sample ID: 310-292696-2

Date Collected: 10/10/24 10:30

Matrix: Water

Date Received: 10/11/24 17:10

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Dibromofluoromethane (Surr)	102		73 - 130		10/18/24 08:36	1
Toluene-d8 (Surr)	97		80 - 120		10/18/24 08:36	1

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00200		0.00200	0.00100	mg/L		10/15/24 09:30	10/16/24 16:33	1
Arsenic	<0.00200		0.00200	0.000530	mg/L		10/15/24 09:30	10/16/24 16:33	1
Barium	0.0340		0.00200	0.000660	mg/L		10/15/24 09:30	10/16/24 16:33	1
Beryllium	<0.00100		0.00100	0.000330	mg/L		10/15/24 09:30	10/16/24 16:33	1
Cadmium	<0.000200		0.000200	0.000100	mg/L		10/15/24 09:30	10/16/24 16:33	1
Chromium	<0.00500		0.00500	0.00120	mg/L		10/15/24 09:30	10/16/24 16:33	1
Cobalt	0.000745		0.000500	0.000170	mg/L		10/15/24 09:30	10/16/24 16:33	1
Copper	<0.00500		0.00500	0.00180	mg/L		10/15/24 09:30	10/16/24 16:33	1
Lead	<0.000500		0.000500	0.000260	mg/L		10/15/24 09:30	10/16/24 16:33	1
Nickel	0.00789		0.00500	0.00210	mg/L		10/15/24 09:30	10/22/24 18:01	1
Selenium	<0.00500		0.00500	0.00140	mg/L		10/15/24 09:30	10/16/24 16:33	1
Silver	<0.00100		0.00100	0.000500	mg/L		10/15/24 09:30	10/16/24 16:33	1
Thallium	<0.00100		0.00100	0.000570	mg/L		10/15/24 09:30	10/29/24 16:41	1
Vanadium	<0.00500		0.00500	0.00110	mg/L		10/15/24 09:30	10/16/24 16:33	1
Zinc	<0.0200		0.0200	0.00970	mg/L		10/15/24 09:30	10/16/24 16:33	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids (USGS I-3765-85)	6.00		1.88	1.39	mg/L			10/16/24 15:09	1

Client Sample Results

Client: HDR Inc
Project/Site: Metro Park EAST-Landfill Phase II

Job ID: 310-292696-1

Client Sample ID: MW-B

Lab Sample ID: 310-292696-3

Date Collected: 10/10/24 12:58

Matrix: Water

Date Received: 10/11/24 17:10

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<10.0		10.0	3.10	ug/L			10/18/24 08:59	1
Acrylonitrile	<5.00		5.00	2.20	ug/L			10/18/24 08:59	1
Benzene	<0.500		0.500	0.220	ug/L			10/18/24 08:59	1
Bromochloromethane	<5.00		5.00	0.540	ug/L			10/18/24 08:59	1
Bromodichloromethane	<1.00		1.00	0.390	ug/L			10/18/24 08:59	1
Bromoform	<5.00		5.00	0.780	ug/L			10/18/24 08:59	1
Bromomethane	<4.00		4.00	1.10	ug/L			10/18/24 08:59	1
2-Butanone (MEK)	<10.0		10.0	2.10	ug/L			10/18/24 08:59	1
Carbon disulfide	<1.00		1.00	0.450	ug/L			10/18/24 08:59	1
Carbon tetrachloride	<2.00		2.00	0.650	ug/L			10/18/24 08:59	1
Chlorobenzene	<1.00		1.00	0.400	ug/L			10/18/24 08:59	1
Chlorodibromomethane	<5.00		5.00	0.750	ug/L			10/18/24 08:59	1
Chloroethane	<4.00		4.00	0.790	ug/L			10/18/24 08:59	1
Chloroform	<3.00		3.00	1.30	ug/L			10/18/24 08:59	1
Chloromethane	<3.00		3.00	0.610	ug/L			10/18/24 08:59	1
cis-1,2-Dichloroethene	<1.00		1.00	0.210	ug/L			10/18/24 08:59	1
cis-1,3-Dichloropropene	<5.00		5.00	0.250	ug/L			10/18/24 08:59	1
1,2-Dibromo-3-chloropropane	<5.00		5.00	1.20	ug/L			10/18/24 08:59	1
1,2-Dibromoethane (EDB)	<1.00		1.00	0.340	ug/L			10/18/24 08:59	1
Dibromomethane	<1.00		1.00	0.330	ug/L			10/18/24 08:59	1
1,2-Dichlorobenzene	<1.00		1.00	0.370	ug/L			10/18/24 08:59	1
1,4-Dichlorobenzene	<1.00		1.00	0.230	ug/L			10/18/24 08:59	1
1,1-Dichloroethane	<1.00		1.00	0.220	ug/L			10/18/24 08:59	1
1,2-Dichloroethane	<1.00		1.00	0.390	ug/L			10/18/24 08:59	1
1,1-Dichloroethene	<2.00		2.00	0.560	ug/L			10/18/24 08:59	1
1,2-Dichloropropane	<1.00		1.00	0.270	ug/L			10/18/24 08:59	1
Ethylbenzene	<1.00		1.00	0.310	ug/L			10/18/24 08:59	1
2-Hexanone	<10.0		10.0	2.00	ug/L			10/18/24 08:59	1
Iodomethane	<10.0		10.0	7.00	ug/L			10/18/24 08:59	1
Methylene chloride	<5.00		5.00	1.70	ug/L			10/18/24 08:59	1
4-Methyl-2-pentanone (MIBK)	<10.0		10.0	2.10	ug/L			10/18/24 08:59	1
Styrene	<1.00		1.00	0.370	ug/L			10/18/24 08:59	1
1,1,1,2-Tetrachloroethane	<1.00		1.00	0.380	ug/L			10/18/24 08:59	1
1,1,2,2-Tetrachloroethane	<1.00		1.00	0.470	ug/L			10/18/24 08:59	1
Tetrachloroethene	<1.00		1.00	0.480	ug/L			10/18/24 08:59	1
Toluene	<1.00		1.00	0.430	ug/L			10/18/24 08:59	1
trans-1,4-Dichloro-2-butene	<10.0		10.0	1.10	ug/L			10/18/24 08:59	1
trans-1,2-Dichloroethene	<1.00		1.00	0.270	ug/L			10/18/24 08:59	1
trans-1,3-Dichloropropene	<5.00		5.00	0.560	ug/L			10/18/24 08:59	1
1,1,1-Trichloroethane	<1.00		1.00	0.190	ug/L			10/18/24 08:59	1
1,1,2-Trichloroethane	<1.00		1.00	0.450	ug/L			10/18/24 08:59	1
Trichloroethene	<1.00		1.00	0.430	ug/L			10/18/24 08:59	1
Trichlorofluoromethane	<4.00		4.00	0.380	ug/L			10/18/24 08:59	1
1,2,3-Trichloropropane	<1.00		1.00	0.590	ug/L			10/18/24 08:59	1
Vinyl acetate	<10.0		10.0	2.50	ug/L			10/18/24 08:59	1
Vinyl chloride	<1.00		1.00	0.180	ug/L			10/18/24 08:59	1
Xylenes, Total	<3.00		3.00	0.400	ug/L			10/18/24 08:59	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	100		80 - 120		10/18/24 08:59	1

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Client Sample Results

Client: HDR Inc
 Project/Site: Metro Park EAST-Landfill Phase II

Job ID: 310-292696-1

Client Sample ID: MW-B

Lab Sample ID: 310-292696-3

Date Collected: 10/10/24 12:58

Matrix: Water

Date Received: 10/11/24 17:10

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Dibromofluoromethane (Surr)	102		73 - 130		10/18/24 08:59	1
Toluene-d8 (Surr)	98		80 - 120		10/18/24 08:59	1

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00200		0.00200	0.00100	mg/L		10/15/24 09:30	10/16/24 16:35	1
Arsenic	<0.00200		0.00200	0.000530	mg/L		10/15/24 09:30	10/16/24 16:35	1
Barium	0.0443		0.00200	0.000660	mg/L		10/15/24 09:30	10/16/24 16:35	1
Beryllium	<0.00100		0.00100	0.000330	mg/L		10/15/24 09:30	10/16/24 16:35	1
Cadmium	<0.000200		0.000200	0.000100	mg/L		10/15/24 09:30	10/16/24 16:35	1
Chromium	<0.00500		0.00500	0.00120	mg/L		10/15/24 09:30	10/16/24 16:35	1
Cobalt	0.000257	J	0.000500	0.000170	mg/L		10/15/24 09:30	10/16/24 16:35	1
Copper	<0.00500		0.00500	0.00180	mg/L		10/15/24 09:30	10/16/24 16:35	1
Lead	<0.000500		0.000500	0.000260	mg/L		10/15/24 09:30	10/16/24 16:35	1
Nickel	<0.00500		0.00500	0.00210	mg/L		10/15/24 09:30	10/22/24 18:03	1
Selenium	<0.00500		0.00500	0.00140	mg/L		10/15/24 09:30	10/16/24 16:35	1
Silver	<0.00100		0.00100	0.000500	mg/L		10/15/24 09:30	10/16/24 16:35	1
Thallium	<0.00100		0.00100	0.000570	mg/L		10/15/24 09:30	10/29/24 16:44	1
Vanadium	<0.00500		0.00500	0.00110	mg/L		10/15/24 09:30	10/16/24 16:35	1
Zinc	<0.0200		0.0200	0.00970	mg/L		10/15/24 09:30	10/16/24 16:35	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids (USGS I-3765-85)	3.00		1.88	1.39	mg/L			10/16/24 15:09	1

Client Sample Results

Client: HDR Inc
 Project/Site: Metro Park EAST-Landfill Phase II

Job ID: 310-292696-1

Client Sample ID: MW-C

Lab Sample ID: 310-292696-4

Date Collected: 10/10/24 12:46

Matrix: Water

Date Received: 10/11/24 17:10

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<10.0		10.0	3.10	ug/L			10/18/24 09:22	1
Acrylonitrile	<5.00		5.00	2.20	ug/L			10/18/24 09:22	1
Benzene	<0.500		0.500	0.220	ug/L			10/18/24 09:22	1
Bromochloromethane	<5.00		5.00	0.540	ug/L			10/18/24 09:22	1
Bromodichloromethane	<1.00		1.00	0.390	ug/L			10/18/24 09:22	1
Bromoform	<5.00		5.00	0.780	ug/L			10/18/24 09:22	1
Bromomethane	<4.00		4.00	1.10	ug/L			10/18/24 09:22	1
2-Butanone (MEK)	<10.0		10.0	2.10	ug/L			10/18/24 09:22	1
Carbon disulfide	<1.00		1.00	0.450	ug/L			10/18/24 09:22	1
Carbon tetrachloride	<2.00		2.00	0.650	ug/L			10/18/24 09:22	1
Chlorobenzene	<1.00		1.00	0.400	ug/L			10/18/24 09:22	1
Chlorodibromomethane	<5.00		5.00	0.750	ug/L			10/18/24 09:22	1
Chloroethane	<4.00		4.00	0.790	ug/L			10/18/24 09:22	1
Chloroform	<3.00		3.00	1.30	ug/L			10/18/24 09:22	1
Chloromethane	<3.00		3.00	0.610	ug/L			10/18/24 09:22	1
cis-1,2-Dichloroethene	<1.00		1.00	0.210	ug/L			10/18/24 09:22	1
cis-1,3-Dichloropropene	<5.00		5.00	0.250	ug/L			10/18/24 09:22	1
1,2-Dibromo-3-chloropropane	<5.00		5.00	1.20	ug/L			10/18/24 09:22	1
1,2-Dibromoethane (EDB)	<1.00		1.00	0.340	ug/L			10/18/24 09:22	1
Dibromomethane	<1.00		1.00	0.330	ug/L			10/18/24 09:22	1
1,2-Dichlorobenzene	<1.00		1.00	0.370	ug/L			10/18/24 09:22	1
1,4-Dichlorobenzene	<1.00		1.00	0.230	ug/L			10/18/24 09:22	1
1,1-Dichloroethane	<1.00		1.00	0.220	ug/L			10/18/24 09:22	1
1,2-Dichloroethane	<1.00		1.00	0.390	ug/L			10/18/24 09:22	1
1,1-Dichloroethene	<2.00		2.00	0.560	ug/L			10/18/24 09:22	1
1,2-Dichloropropane	<1.00		1.00	0.270	ug/L			10/18/24 09:22	1
Ethylbenzene	<1.00		1.00	0.310	ug/L			10/18/24 09:22	1
2-Hexanone	<10.0		10.0	2.00	ug/L			10/18/24 09:22	1
Iodomethane	<10.0		10.0	7.00	ug/L			10/18/24 09:22	1
Methylene chloride	<5.00		5.00	1.70	ug/L			10/18/24 09:22	1
4-Methyl-2-pentanone (MIBK)	<10.0		10.0	2.10	ug/L			10/18/24 09:22	1
Styrene	<1.00		1.00	0.370	ug/L			10/18/24 09:22	1
1,1,1,2-Tetrachloroethane	<1.00		1.00	0.380	ug/L			10/18/24 09:22	1
1,1,2,2-Tetrachloroethane	<1.00		1.00	0.470	ug/L			10/18/24 09:22	1
Tetrachloroethene	<1.00		1.00	0.480	ug/L			10/18/24 09:22	1
Toluene	<1.00		1.00	0.430	ug/L			10/18/24 09:22	1
trans-1,4-Dichloro-2-butene	<10.0		10.0	1.10	ug/L			10/18/24 09:22	1
trans-1,2-Dichloroethene	<1.00		1.00	0.270	ug/L			10/18/24 09:22	1
trans-1,3-Dichloropropene	<5.00		5.00	0.560	ug/L			10/18/24 09:22	1
1,1,1-Trichloroethane	<1.00		1.00	0.190	ug/L			10/18/24 09:22	1
1,1,2-Trichloroethane	<1.00		1.00	0.450	ug/L			10/18/24 09:22	1
Trichloroethene	<1.00		1.00	0.430	ug/L			10/18/24 09:22	1
Trichlorofluoromethane	<4.00		4.00	0.380	ug/L			10/18/24 09:22	1
1,2,3-Trichloropropane	<1.00		1.00	0.590	ug/L			10/18/24 09:22	1
Vinyl acetate	<10.0		10.0	2.50	ug/L			10/18/24 09:22	1
Vinyl chloride	<1.00		1.00	0.180	ug/L			10/18/24 09:22	1
Xylenes, Total	<3.00		3.00	0.400	ug/L			10/18/24 09:22	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	99		80 - 120		10/18/24 09:22	1

Eurofins Cedar Falls

Client Sample Results

Client: HDR Inc
 Project/Site: Metro Park EAST-Landfill Phase II

Job ID: 310-292696-1

Client Sample ID: MW-C

Lab Sample ID: 310-292696-4

Date Collected: 10/10/24 12:46

Matrix: Water

Date Received: 10/11/24 17:10

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Dibromofluoromethane (Surr)	103		73 - 130		10/18/24 09:22	1
Toluene-d8 (Surr)	97		80 - 120		10/18/24 09:22	1

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00200		0.00200	0.00100	mg/L		10/15/24 09:30	10/16/24 16:38	1
Arsenic	0.00150	J	0.00200	0.000530	mg/L		10/15/24 09:30	10/16/24 16:38	1
Barium	0.273		0.00200	0.000660	mg/L		10/15/24 09:30	10/16/24 16:38	1
Beryllium	<0.00100		0.00100	0.000330	mg/L		10/15/24 09:30	10/16/24 16:38	1
Cadmium	<0.000200		0.000200	0.000100	mg/L		10/15/24 09:30	10/16/24 16:38	1
Chromium	<0.00500		0.00500	0.00120	mg/L		10/15/24 09:30	10/16/24 16:38	1
Cobalt	0.000177	J	0.000500	0.000170	mg/L		10/15/24 09:30	10/16/24 16:38	1
Copper	<0.00500		0.00500	0.00180	mg/L		10/15/24 09:30	10/16/24 16:38	1
Lead	<0.000500		0.000500	0.000260	mg/L		10/15/24 09:30	10/16/24 16:38	1
Nickel	<0.00500		0.00500	0.00210	mg/L		10/15/24 09:30	10/22/24 18:05	1
Selenium	<0.00500		0.00500	0.00140	mg/L		10/15/24 09:30	10/16/24 16:38	1
Silver	<0.00100		0.00100	0.000500	mg/L		10/15/24 09:30	10/16/24 16:38	1
Thallium	<0.00100		0.00100	0.000570	mg/L		10/15/24 09:30	10/29/24 16:46	1
Vanadium	<0.00500		0.00500	0.00110	mg/L		10/15/24 09:30	10/16/24 16:38	1
Zinc	<0.0200		0.0200	0.00970	mg/L		10/15/24 09:30	10/16/24 16:38	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids (USGS I-3765-85)	9.20		3.00	2.22	mg/L			10/16/24 15:09	1

Client Sample Results

Client: HDR Inc
Project/Site: Metro Park EAST-Landfill Phase II

Job ID: 310-292696-1

Client Sample ID: MW-E

Lab Sample ID: 310-292696-5

Date Collected: 10/10/24 15:03

Matrix: Water

Date Received: 10/11/24 17:10

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<10.0		10.0	3.10	ug/L			10/18/24 09:45	1
Acrylonitrile	<5.00		5.00	2.20	ug/L			10/18/24 09:45	1
Benzene	<0.500		0.500	0.220	ug/L			10/18/24 09:45	1
Bromochloromethane	<5.00		5.00	0.540	ug/L			10/18/24 09:45	1
Bromodichloromethane	<1.00		1.00	0.390	ug/L			10/18/24 09:45	1
Bromoform	<5.00		5.00	0.780	ug/L			10/18/24 09:45	1
Bromomethane	<4.00		4.00	1.10	ug/L			10/18/24 09:45	1
2-Butanone (MEK)	<10.0		10.0	2.10	ug/L			10/18/24 09:45	1
Carbon disulfide	<1.00		1.00	0.450	ug/L			10/18/24 09:45	1
Carbon tetrachloride	<2.00		2.00	0.650	ug/L			10/18/24 09:45	1
Chlorobenzene	<1.00		1.00	0.400	ug/L			10/18/24 09:45	1
Chlorodibromomethane	<5.00		5.00	0.750	ug/L			10/18/24 09:45	1
Chloroethane	<4.00		4.00	0.790	ug/L			10/18/24 09:45	1
Chloroform	<3.00		3.00	1.30	ug/L			10/18/24 09:45	1
Chloromethane	<3.00		3.00	0.610	ug/L			10/18/24 09:45	1
cis-1,2-Dichloroethene	<1.00		1.00	0.210	ug/L			10/18/24 09:45	1
cis-1,3-Dichloropropene	<5.00		5.00	0.250	ug/L			10/18/24 09:45	1
1,2-Dibromo-3-chloropropane	<5.00		5.00	1.20	ug/L			10/18/24 09:45	1
1,2-Dibromoethane (EDB)	<1.00		1.00	0.340	ug/L			10/18/24 09:45	1
Dibromomethane	<1.00		1.00	0.330	ug/L			10/18/24 09:45	1
1,2-Dichlorobenzene	<1.00		1.00	0.370	ug/L			10/18/24 09:45	1
1,4-Dichlorobenzene	<1.00		1.00	0.230	ug/L			10/18/24 09:45	1
1,1-Dichloroethane	<1.00		1.00	0.220	ug/L			10/18/24 09:45	1
1,2-Dichloroethane	<1.00		1.00	0.390	ug/L			10/18/24 09:45	1
1,1-Dichloroethene	<2.00		2.00	0.560	ug/L			10/18/24 09:45	1
1,2-Dichloropropane	<1.00		1.00	0.270	ug/L			10/18/24 09:45	1
Ethylbenzene	<1.00		1.00	0.310	ug/L			10/18/24 09:45	1
2-Hexanone	<10.0		10.0	2.00	ug/L			10/18/24 09:45	1
Iodomethane	<10.0		10.0	7.00	ug/L			10/18/24 09:45	1
Methylene chloride	<5.00		5.00	1.70	ug/L			10/18/24 09:45	1
4-Methyl-2-pentanone (MIBK)	<10.0		10.0	2.10	ug/L			10/18/24 09:45	1
Styrene	<1.00		1.00	0.370	ug/L			10/18/24 09:45	1
1,1,1,2-Tetrachloroethane	<1.00		1.00	0.380	ug/L			10/18/24 09:45	1
1,1,2,2-Tetrachloroethane	<1.00		1.00	0.470	ug/L			10/18/24 09:45	1
Tetrachloroethene	<1.00		1.00	0.480	ug/L			10/18/24 09:45	1
Toluene	<1.00		1.00	0.430	ug/L			10/18/24 09:45	1
trans-1,4-Dichloro-2-butene	<10.0		10.0	1.10	ug/L			10/18/24 09:45	1
trans-1,2-Dichloroethene	<1.00		1.00	0.270	ug/L			10/18/24 09:45	1
trans-1,3-Dichloropropene	<5.00		5.00	0.560	ug/L			10/18/24 09:45	1
1,1,1-Trichloroethane	<1.00		1.00	0.190	ug/L			10/18/24 09:45	1
1,1,2-Trichloroethane	<1.00		1.00	0.450	ug/L			10/18/24 09:45	1
Trichloroethene	<1.00		1.00	0.430	ug/L			10/18/24 09:45	1
Trichlorofluoromethane	<4.00		4.00	0.380	ug/L			10/18/24 09:45	1
1,2,3-Trichloropropane	<1.00		1.00	0.590	ug/L			10/18/24 09:45	1
Vinyl acetate	<10.0		10.0	2.50	ug/L			10/18/24 09:45	1
Vinyl chloride	<1.00		1.00	0.180	ug/L			10/18/24 09:45	1
Xylenes, Total	<3.00		3.00	0.400	ug/L			10/18/24 09:45	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	99		80 - 120		10/18/24 09:45	1

Eurofins Cedar Falls

Client Sample Results

Client: HDR Inc
 Project/Site: Metro Park EAST-Landfill Phase II

Job ID: 310-292696-1

Client Sample ID: MW-E

Lab Sample ID: 310-292696-5

Date Collected: 10/10/24 15:03

Matrix: Water

Date Received: 10/11/24 17:10

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Dibromofluoromethane (Surr)	102		73 - 130		10/18/24 09:45	1
Toluene-d8 (Surr)	97		80 - 120		10/18/24 09:45	1

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00200		0.00200	0.00100	mg/L		10/15/24 09:30	10/16/24 16:40	1
Arsenic	0.00139	J	0.00200	0.000530	mg/L		10/15/24 09:30	10/16/24 16:40	1
Barium	0.596		0.00200	0.000660	mg/L		10/15/24 09:30	10/16/24 16:40	1
Beryllium	<0.00100		0.00100	0.000330	mg/L		10/15/24 09:30	10/16/24 16:40	1
Cadmium	0.000130	J	0.000200	0.000100	mg/L		10/15/24 09:30	10/16/24 16:40	1
Chromium	<0.00500		0.00500	0.00120	mg/L		10/15/24 09:30	10/16/24 16:40	1
Cobalt	0.000652		0.000500	0.000170	mg/L		10/15/24 09:30	10/16/24 16:40	1
Copper	<0.00500		0.00500	0.00180	mg/L		10/15/24 09:30	10/16/24 16:40	1
Lead	0.000348	J	0.000500	0.000260	mg/L		10/15/24 09:30	10/16/24 16:40	1
Nickel	<0.00500		0.00500	0.00210	mg/L		10/15/24 09:30	10/22/24 18:07	1
Selenium	<0.00500		0.00500	0.00140	mg/L		10/15/24 09:30	10/16/24 16:40	1
Silver	<0.00100		0.00100	0.000500	mg/L		10/15/24 09:30	10/16/24 16:40	1
Thallium	<0.00100		0.00100	0.000570	mg/L		10/15/24 09:30	10/29/24 16:48	1
Vanadium	<0.00500		0.00500	0.00110	mg/L		10/15/24 09:30	10/16/24 16:40	1
Zinc	<0.0200		0.0200	0.00970	mg/L		10/15/24 09:30	10/16/24 16:40	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids (USGS I-3765-85)	14.1		1.88	1.39	mg/L			10/16/24 15:09	1

Client Sample Results

Client: HDR Inc
Project/Site: Metro Park EAST-Landfill Phase II

Job ID: 310-292696-1

Client Sample ID: GU-3

Lab Sample ID: 310-292696-6

Date Collected: 10/10/24 17:50

Matrix: Water

Date Received: 10/11/24 17:10

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<10.0		10.0	3.10	ug/L			10/18/24 10:08	1
Acrylonitrile	<5.00		5.00	2.20	ug/L			10/18/24 10:08	1
Benzene	<0.500		0.500	0.220	ug/L			10/18/24 10:08	1
Bromochloromethane	<5.00		5.00	0.540	ug/L			10/18/24 10:08	1
Bromodichloromethane	<1.00		1.00	0.390	ug/L			10/18/24 10:08	1
Bromoform	<5.00		5.00	0.780	ug/L			10/18/24 10:08	1
Bromomethane	<4.00		4.00	1.10	ug/L			10/18/24 10:08	1
2-Butanone (MEK)	<10.0		10.0	2.10	ug/L			10/18/24 10:08	1
Carbon disulfide	<1.00		1.00	0.450	ug/L			10/18/24 10:08	1
Carbon tetrachloride	<2.00		2.00	0.650	ug/L			10/18/24 10:08	1
Chlorobenzene	<1.00		1.00	0.400	ug/L			10/18/24 10:08	1
Chlorodibromomethane	<5.00		5.00	0.750	ug/L			10/18/24 10:08	1
Chloroethane	<4.00		4.00	0.790	ug/L			10/18/24 10:08	1
Chloroform	<3.00		3.00	1.30	ug/L			10/18/24 10:08	1
Chloromethane	<3.00		3.00	0.610	ug/L			10/18/24 10:08	1
cis-1,2-Dichloroethene	<1.00		1.00	0.210	ug/L			10/18/24 10:08	1
cis-1,3-Dichloropropene	<5.00		5.00	0.250	ug/L			10/18/24 10:08	1
1,2-Dibromo-3-chloropropane	<5.00		5.00	1.20	ug/L			10/18/24 10:08	1
1,2-Dibromoethane (EDB)	<1.00		1.00	0.340	ug/L			10/18/24 10:08	1
Dibromomethane	<1.00		1.00	0.330	ug/L			10/18/24 10:08	1
1,2-Dichlorobenzene	<1.00		1.00	0.370	ug/L			10/18/24 10:08	1
1,4-Dichlorobenzene	<1.00		1.00	0.230	ug/L			10/18/24 10:08	1
1,1-Dichloroethane	<1.00		1.00	0.220	ug/L			10/18/24 10:08	1
1,2-Dichloroethane	<1.00		1.00	0.390	ug/L			10/18/24 10:08	1
1,1-Dichloroethene	<2.00		2.00	0.560	ug/L			10/18/24 10:08	1
1,2-Dichloropropane	<1.00		1.00	0.270	ug/L			10/18/24 10:08	1
Ethylbenzene	<1.00		1.00	0.310	ug/L			10/18/24 10:08	1
2-Hexanone	<10.0		10.0	2.00	ug/L			10/18/24 10:08	1
Iodomethane	<10.0		10.0	7.00	ug/L			10/18/24 10:08	1
Methylene chloride	<5.00		5.00	1.70	ug/L			10/18/24 10:08	1
4-Methyl-2-pentanone (MIBK)	<10.0		10.0	2.10	ug/L			10/18/24 10:08	1
Styrene	<1.00		1.00	0.370	ug/L			10/18/24 10:08	1
1,1,1,2-Tetrachloroethane	<1.00		1.00	0.380	ug/L			10/18/24 10:08	1
1,1,2,2-Tetrachloroethane	<1.00		1.00	0.470	ug/L			10/18/24 10:08	1
Tetrachloroethene	<1.00		1.00	0.480	ug/L			10/18/24 10:08	1
Toluene	<1.00		1.00	0.430	ug/L			10/18/24 10:08	1
trans-1,4-Dichloro-2-butene	<10.0		10.0	1.10	ug/L			10/18/24 10:08	1
trans-1,2-Dichloroethene	<1.00		1.00	0.270	ug/L			10/18/24 10:08	1
trans-1,3-Dichloropropene	<5.00		5.00	0.560	ug/L			10/18/24 10:08	1
1,1,1-Trichloroethane	<1.00		1.00	0.190	ug/L			10/18/24 10:08	1
1,1,2-Trichloroethane	<1.00		1.00	0.450	ug/L			10/18/24 10:08	1
Trichloroethene	<1.00		1.00	0.430	ug/L			10/18/24 10:08	1
Trichlorofluoromethane	<4.00		4.00	0.380	ug/L			10/18/24 10:08	1
1,2,3-Trichloropropane	<1.00		1.00	0.590	ug/L			10/18/24 10:08	1
Vinyl acetate	<10.0		10.0	2.50	ug/L			10/18/24 10:08	1
Vinyl chloride	<1.00		1.00	0.180	ug/L			10/18/24 10:08	1
Xylenes, Total	<3.00		3.00	0.400	ug/L			10/18/24 10:08	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	99		80 - 120		10/18/24 10:08	1

Eurofins Cedar Falls

Client Sample Results

Client: HDR Inc
 Project/Site: Metro Park EAST-Landfill Phase II

Job ID: 310-292696-1

Client Sample ID: GU-3

Lab Sample ID: 310-292696-6

Date Collected: 10/10/24 17:50

Matrix: Water

Date Received: 10/11/24 17:10

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Dibromofluoromethane (Surr)	102		73 - 130		10/18/24 10:08	1
Toluene-d8 (Surr)	97		80 - 120		10/18/24 10:08	1

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00200		0.00200	0.00100	mg/L		10/15/24 09:30	10/16/24 16:53	1
Arsenic	0.00281		0.00200	0.000530	mg/L		10/15/24 09:30	10/16/24 16:53	1
Barium	0.0839		0.00200	0.000660	mg/L		10/15/24 09:30	10/16/24 16:53	1
Beryllium	<0.00100		0.00100	0.000330	mg/L		10/15/24 09:30	10/16/24 16:53	1
Cadmium	0.000414		0.000200	0.000100	mg/L		10/15/24 09:30	10/16/24 16:53	1
Chromium	0.0114		0.00500	0.00120	mg/L		10/15/24 09:30	10/16/24 16:53	1
Cobalt	0.00196		0.000500	0.000170	mg/L		10/15/24 09:30	10/16/24 16:53	1
Copper	0.00507		0.00500	0.00180	mg/L		10/15/24 09:30	10/16/24 16:53	1
Lead	0.000764		0.000500	0.000260	mg/L		10/15/24 09:30	10/16/24 16:53	1
Nickel	0.0342		0.0200	0.00840	mg/L		10/15/24 09:30	10/22/24 18:12	4
Selenium	<0.00500		0.00500	0.00140	mg/L		10/15/24 09:30	10/16/24 16:53	1
Silver	<0.00100		0.00100	0.000500	mg/L		10/15/24 09:30	10/16/24 16:53	1
Thallium	<0.00400		0.00400	0.00228	mg/L		10/15/24 09:30	10/29/24 17:01	4
Vanadium	0.00365	J	0.00500	0.00110	mg/L		10/15/24 09:30	10/16/24 16:53	1
Zinc	3.05		0.0800	0.0388	mg/L		10/15/24 09:30	10/30/24 13:20	4

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids (USGS I-3765-85)	29.6		3.00	2.22	mg/L			10/16/24 15:09	1

Client Sample Results

Client: HDR Inc
 Project/Site: Metro Park EAST-Landfill Phase II

Job ID: 310-292696-1

Client Sample ID: MW-37

Lab Sample ID: 310-292696-9

Date Collected: 10/10/24 11:55

Matrix: Water

Date Received: 10/11/24 17:10

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<10.0		10.0	3.10	ug/L			10/18/24 10:30	1
Acrylonitrile	<5.00		5.00	2.20	ug/L			10/18/24 10:30	1
Benzene	<0.500		0.500	0.220	ug/L			10/18/24 10:30	1
Bromochloromethane	<5.00		5.00	0.540	ug/L			10/18/24 10:30	1
Bromodichloromethane	<1.00		1.00	0.390	ug/L			10/18/24 10:30	1
Bromoform	<5.00		5.00	0.780	ug/L			10/18/24 10:30	1
Bromomethane	<4.00		4.00	1.10	ug/L			10/18/24 10:30	1
2-Butanone (MEK)	<10.0		10.0	2.10	ug/L			10/18/24 10:30	1
Carbon disulfide	<1.00		1.00	0.450	ug/L			10/18/24 10:30	1
Carbon tetrachloride	<2.00		2.00	0.650	ug/L			10/18/24 10:30	1
Chlorobenzene	<1.00		1.00	0.400	ug/L			10/18/24 10:30	1
Chlorodibromomethane	<5.00		5.00	0.750	ug/L			10/18/24 10:30	1
Chloroethane	<4.00		4.00	0.790	ug/L			10/18/24 10:30	1
Chloroform	<3.00		3.00	1.30	ug/L			10/18/24 10:30	1
Chloromethane	<3.00		3.00	0.610	ug/L			10/18/24 10:30	1
cis-1,2-Dichloroethene	<1.00		1.00	0.210	ug/L			10/18/24 10:30	1
cis-1,3-Dichloropropene	<5.00		5.00	0.250	ug/L			10/18/24 10:30	1
1,2-Dibromo-3-chloropropane	<5.00		5.00	1.20	ug/L			10/18/24 10:30	1
1,2-Dibromoethane (EDB)	<1.00		1.00	0.340	ug/L			10/18/24 10:30	1
Dibromomethane	<1.00		1.00	0.330	ug/L			10/18/24 10:30	1
1,2-Dichlorobenzene	<1.00		1.00	0.370	ug/L			10/18/24 10:30	1
1,4-Dichlorobenzene	<1.00		1.00	0.230	ug/L			10/18/24 10:30	1
1,1-Dichloroethane	<1.00		1.00	0.220	ug/L			10/18/24 10:30	1
1,2-Dichloroethane	<1.00		1.00	0.390	ug/L			10/18/24 10:30	1
1,1-Dichloroethene	<2.00		2.00	0.560	ug/L			10/18/24 10:30	1
1,2-Dichloropropane	<1.00		1.00	0.270	ug/L			10/18/24 10:30	1
Ethylbenzene	<1.00		1.00	0.310	ug/L			10/18/24 10:30	1
2-Hexanone	<10.0		10.0	2.00	ug/L			10/18/24 10:30	1
Iodomethane	<10.0		10.0	7.00	ug/L			10/18/24 10:30	1
Methylene chloride	<5.00		5.00	1.70	ug/L			10/18/24 10:30	1
4-Methyl-2-pentanone (MIBK)	<10.0		10.0	2.10	ug/L			10/18/24 10:30	1
Styrene	<1.00		1.00	0.370	ug/L			10/18/24 10:30	1
1,1,1,2-Tetrachloroethane	<1.00		1.00	0.380	ug/L			10/18/24 10:30	1
1,1,2,2-Tetrachloroethane	<1.00		1.00	0.470	ug/L			10/18/24 10:30	1
Tetrachloroethene	<1.00		1.00	0.480	ug/L			10/18/24 10:30	1
Toluene	<1.00		1.00	0.430	ug/L			10/18/24 10:30	1
trans-1,4-Dichloro-2-butene	<10.0		10.0	1.10	ug/L			10/18/24 10:30	1
trans-1,2-Dichloroethene	<1.00		1.00	0.270	ug/L			10/18/24 10:30	1
trans-1,3-Dichloropropene	<5.00		5.00	0.560	ug/L			10/18/24 10:30	1
1,1,1-Trichloroethane	<1.00		1.00	0.190	ug/L			10/18/24 10:30	1
1,1,2-Trichloroethane	<1.00		1.00	0.450	ug/L			10/18/24 10:30	1
Trichloroethene	<1.00		1.00	0.430	ug/L			10/18/24 10:30	1
Trichlorofluoromethane	<4.00		4.00	0.380	ug/L			10/18/24 10:30	1
1,2,3-Trichloropropane	<1.00		1.00	0.590	ug/L			10/18/24 10:30	1
Vinyl acetate	<10.0		10.0	2.50	ug/L			10/18/24 10:30	1
Vinyl chloride	<1.00		1.00	0.180	ug/L			10/18/24 10:30	1
Xylenes, Total	<3.00		3.00	0.400	ug/L			10/18/24 10:30	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		80 - 120		10/18/24 10:30	1

Eurofins Cedar Falls

Client Sample Results

Client: HDR Inc
 Project/Site: Metro Park EAST-Landfill Phase II

Job ID: 310-292696-1

Client Sample ID: MW-37

Lab Sample ID: 310-292696-9

Date Collected: 10/10/24 11:55

Matrix: Water

Date Received: 10/11/24 17:10

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Dibromofluoromethane (Surr)	102		73 - 130		10/18/24 10:30	1
Toluene-d8 (Surr)	97		80 - 120		10/18/24 10:30	1

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00200		0.00200	0.00100	mg/L		10/15/24 09:30	10/16/24 16:57	1
Arsenic	0.00182	J	0.00200	0.000530	mg/L		10/15/24 09:30	10/16/24 16:57	1
Barium	0.0771		0.00200	0.000660	mg/L		10/15/24 09:30	10/16/24 16:57	1
Beryllium	<0.00100		0.00100	0.000330	mg/L		10/15/24 09:30	10/16/24 16:57	1
Cadmium	<0.000200		0.000200	0.000100	mg/L		10/15/24 09:30	10/16/24 16:57	1
Chromium	<0.00500		0.00500	0.00120	mg/L		10/15/24 09:30	10/16/24 16:57	1
Cobalt	0.000770		0.000500	0.000170	mg/L		10/15/24 09:30	10/16/24 16:57	1
Copper	<0.00500		0.00500	0.00180	mg/L		10/15/24 09:30	10/16/24 16:57	1
Lead	<0.000500		0.000500	0.000260	mg/L		10/15/24 09:30	10/16/24 16:57	1
Nickel	<0.00500		0.00500	0.00210	mg/L		10/15/24 09:30	10/22/24 18:16	1
Selenium	<0.00500		0.00500	0.00140	mg/L		10/15/24 09:30	10/16/24 16:57	1
Silver	<0.00100		0.00100	0.000500	mg/L		10/15/24 09:30	10/16/24 16:57	1
Thallium	<0.00100		0.00100	0.000570	mg/L		10/15/24 09:30	10/29/24 17:06	1
Vanadium	<0.00500		0.00500	0.00110	mg/L		10/15/24 09:30	10/16/24 16:57	1
Zinc	<0.0200		0.0200	0.00970	mg/L		10/15/24 09:30	10/16/24 16:57	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids (USGS I-3765-85)	8.80		3.00	2.22	mg/L			10/16/24 15:09	1

Client Sample Results

Client: HDR Inc
Project/Site: Metro Park EAST-Landfill Phase II

Job ID: 310-292696-1

Client Sample ID: MW-66

Lab Sample ID: 310-292696-10

Date Collected: 10/10/24 09:52

Matrix: Water

Date Received: 10/11/24 17:10

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<10.0		10.0	3.10	ug/L			10/18/24 10:53	1
Acrylonitrile	<5.00		5.00	2.20	ug/L			10/18/24 10:53	1
Benzene	<0.500		0.500	0.220	ug/L			10/18/24 10:53	1
Bromochloromethane	<5.00		5.00	0.540	ug/L			10/18/24 10:53	1
Bromodichloromethane	<1.00		1.00	0.390	ug/L			10/18/24 10:53	1
Bromoform	<5.00		5.00	0.780	ug/L			10/18/24 10:53	1
Bromomethane	<4.00		4.00	1.10	ug/L			10/18/24 10:53	1
2-Butanone (MEK)	<10.0		10.0	2.10	ug/L			10/18/24 10:53	1
Carbon disulfide	<1.00		1.00	0.450	ug/L			10/18/24 10:53	1
Carbon tetrachloride	<2.00		2.00	0.650	ug/L			10/18/24 10:53	1
Chlorobenzene	<1.00		1.00	0.400	ug/L			10/18/24 10:53	1
Chlorodibromomethane	<5.00		5.00	0.750	ug/L			10/18/24 10:53	1
Chloroethane	<4.00		4.00	0.790	ug/L			10/18/24 10:53	1
Chloroform	<3.00		3.00	1.30	ug/L			10/18/24 10:53	1
Chloromethane	<3.00		3.00	0.610	ug/L			10/18/24 10:53	1
cis-1,2-Dichloroethene	<1.00		1.00	0.210	ug/L			10/18/24 10:53	1
cis-1,3-Dichloropropene	<5.00		5.00	0.250	ug/L			10/18/24 10:53	1
1,2-Dibromo-3-chloropropane	<5.00		5.00	1.20	ug/L			10/18/24 10:53	1
1,2-Dibromoethane (EDB)	<1.00		1.00	0.340	ug/L			10/18/24 10:53	1
Dibromomethane	<1.00		1.00	0.330	ug/L			10/18/24 10:53	1
1,2-Dichlorobenzene	<1.00		1.00	0.370	ug/L			10/18/24 10:53	1
1,4-Dichlorobenzene	<1.00		1.00	0.230	ug/L			10/18/24 10:53	1
1,1-Dichloroethane	<1.00		1.00	0.220	ug/L			10/18/24 10:53	1
1,2-Dichloroethane	<1.00		1.00	0.390	ug/L			10/18/24 10:53	1
1,1-Dichloroethene	<2.00		2.00	0.560	ug/L			10/18/24 10:53	1
1,2-Dichloropropane	<1.00		1.00	0.270	ug/L			10/18/24 10:53	1
Ethylbenzene	<1.00		1.00	0.310	ug/L			10/18/24 10:53	1
2-Hexanone	<10.0		10.0	2.00	ug/L			10/18/24 10:53	1
Iodomethane	<10.0		10.0	7.00	ug/L			10/18/24 10:53	1
Methylene chloride	<5.00		5.00	1.70	ug/L			10/18/24 10:53	1
4-Methyl-2-pentanone (MIBK)	<10.0		10.0	2.10	ug/L			10/18/24 10:53	1
Styrene	<1.00		1.00	0.370	ug/L			10/18/24 10:53	1
1,1,1,2-Tetrachloroethane	<1.00		1.00	0.380	ug/L			10/18/24 10:53	1
1,1,2,2-Tetrachloroethane	<1.00		1.00	0.470	ug/L			10/18/24 10:53	1
Tetrachloroethene	<1.00		1.00	0.480	ug/L			10/18/24 10:53	1
Toluene	<1.00		1.00	0.430	ug/L			10/18/24 10:53	1
trans-1,4-Dichloro-2-butene	<10.0		10.0	1.10	ug/L			10/18/24 10:53	1
trans-1,2-Dichloroethene	<1.00		1.00	0.270	ug/L			10/18/24 10:53	1
trans-1,3-Dichloropropene	<5.00		5.00	0.560	ug/L			10/18/24 10:53	1
1,1,1-Trichloroethane	<1.00		1.00	0.190	ug/L			10/18/24 10:53	1
1,1,2-Trichloroethane	<1.00		1.00	0.450	ug/L			10/18/24 10:53	1
Trichloroethene	<1.00		1.00	0.430	ug/L			10/18/24 10:53	1
Trichlorofluoromethane	<4.00		4.00	0.380	ug/L			10/18/24 10:53	1
1,2,3-Trichloropropane	<1.00		1.00	0.590	ug/L			10/18/24 10:53	1
Vinyl acetate	<10.0		10.0	2.50	ug/L			10/18/24 10:53	1
Vinyl chloride	<1.00		1.00	0.180	ug/L			10/18/24 10:53	1
Xylenes, Total	<3.00		3.00	0.400	ug/L			10/18/24 10:53	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	100		80 - 120		10/18/24 10:53	1

Eurofins Cedar Falls

Client Sample Results

Client: HDR Inc
 Project/Site: Metro Park EAST-Landfill Phase II

Job ID: 310-292696-1

Client Sample ID: MW-66

Lab Sample ID: 310-292696-10

Date Collected: 10/10/24 09:52

Matrix: Water

Date Received: 10/11/24 17:10

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Dibromofluoromethane (Surr)	102		73 - 130		10/18/24 10:53	1
Toluene-d8 (Surr)	97		80 - 120		10/18/24 10:53	1

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00200		0.00200	0.00100	mg/L		10/15/24 09:30	10/16/24 17:00	1
Arsenic	0.000971	J	0.00200	0.000530	mg/L		10/15/24 09:30	10/16/24 17:00	1
Barium	0.0238		0.00200	0.000660	mg/L		10/15/24 09:30	10/16/24 17:00	1
Beryllium	<0.00100		0.00100	0.000330	mg/L		10/15/24 09:30	10/16/24 17:00	1
Cadmium	<0.000200		0.000200	0.000100	mg/L		10/15/24 09:30	10/16/24 17:00	1
Chromium	<0.00500		0.00500	0.00120	mg/L		10/15/24 09:30	10/16/24 17:00	1
Cobalt	0.000204	J	0.000500	0.000170	mg/L		10/15/24 09:30	10/16/24 17:00	1
Copper	<0.00500		0.00500	0.00180	mg/L		10/15/24 09:30	10/16/24 17:00	1
Lead	<0.000500		0.000500	0.000260	mg/L		10/15/24 09:30	10/16/24 17:00	1
Nickel	<0.0200		0.0200	0.00840	mg/L		10/15/24 09:30	10/30/24 13:38	4
Selenium	<0.00500		0.00500	0.00140	mg/L		10/15/24 09:30	10/16/24 17:00	1
Silver	<0.00100		0.00100	0.000500	mg/L		10/15/24 09:30	10/16/24 17:00	1
Thallium	<0.00400		0.00400	0.00228	mg/L		10/15/24 09:30	10/29/24 17:08	4
Vanadium	<0.00500		0.00500	0.00110	mg/L		10/15/24 09:30	10/16/24 17:00	1
Zinc	<0.0200		0.0200	0.00970	mg/L		10/15/24 09:30	10/16/24 17:00	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids (USGS I-3765-85)	<1.88		1.88	1.39	mg/L			10/16/24 15:09	1

Client Sample Results

Client: HDR Inc
 Project/Site: Metro Park EAST-Landfill Phase II

Job ID: 310-292696-1

Client Sample ID: Dup-4

Lab Sample ID: 310-292696-11

Date Collected: 10/10/24 13:00

Matrix: Water

Date Received: 10/11/24 17:10

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<10.0		10.0	3.10	ug/L			10/18/24 11:16	1
Acrylonitrile	<5.00		5.00	2.20	ug/L			10/18/24 11:16	1
Benzene	<0.500		0.500	0.220	ug/L			10/18/24 11:16	1
Bromochloromethane	<5.00		5.00	0.540	ug/L			10/18/24 11:16	1
Bromodichloromethane	<1.00		1.00	0.390	ug/L			10/18/24 11:16	1
Bromoform	<5.00		5.00	0.780	ug/L			10/18/24 11:16	1
Bromomethane	<4.00		4.00	1.10	ug/L			10/18/24 11:16	1
2-Butanone (MEK)	<10.0		10.0	2.10	ug/L			10/18/24 11:16	1
Carbon disulfide	<1.00		1.00	0.450	ug/L			10/18/24 11:16	1
Carbon tetrachloride	<2.00		2.00	0.650	ug/L			10/18/24 11:16	1
Chlorobenzene	<1.00		1.00	0.400	ug/L			10/18/24 11:16	1
Chlorodibromomethane	<5.00		5.00	0.750	ug/L			10/18/24 11:16	1
Chloroethane	<4.00		4.00	0.790	ug/L			10/18/24 11:16	1
Chloroform	<3.00		3.00	1.30	ug/L			10/18/24 11:16	1
Chloromethane	<3.00		3.00	0.610	ug/L			10/18/24 11:16	1
cis-1,2-Dichloroethene	<1.00		1.00	0.210	ug/L			10/18/24 11:16	1
cis-1,3-Dichloropropene	<5.00		5.00	0.250	ug/L			10/18/24 11:16	1
1,2-Dibromo-3-chloropropane	<5.00		5.00	1.20	ug/L			10/18/24 11:16	1
1,2-Dibromoethane (EDB)	<1.00		1.00	0.340	ug/L			10/18/24 11:16	1
Dibromomethane	<1.00		1.00	0.330	ug/L			10/18/24 11:16	1
1,2-Dichlorobenzene	<1.00		1.00	0.370	ug/L			10/18/24 11:16	1
1,4-Dichlorobenzene	<1.00		1.00	0.230	ug/L			10/18/24 11:16	1
1,1-Dichloroethane	<1.00		1.00	0.220	ug/L			10/18/24 11:16	1
1,2-Dichloroethane	<1.00		1.00	0.390	ug/L			10/18/24 11:16	1
1,1-Dichloroethene	<2.00		2.00	0.560	ug/L			10/18/24 11:16	1
1,2-Dichloropropane	<1.00		1.00	0.270	ug/L			10/18/24 11:16	1
Ethylbenzene	<1.00		1.00	0.310	ug/L			10/18/24 11:16	1
2-Hexanone	<10.0		10.0	2.00	ug/L			10/18/24 11:16	1
Iodomethane	<10.0		10.0	7.00	ug/L			10/18/24 11:16	1
Methylene chloride	<5.00		5.00	1.70	ug/L			10/18/24 11:16	1
4-Methyl-2-pentanone (MIBK)	<10.0		10.0	2.10	ug/L			10/18/24 11:16	1
Styrene	<1.00		1.00	0.370	ug/L			10/18/24 11:16	1
1,1,1,2-Tetrachloroethane	<1.00		1.00	0.380	ug/L			10/18/24 11:16	1
1,1,2,2-Tetrachloroethane	<1.00		1.00	0.470	ug/L			10/18/24 11:16	1
Tetrachloroethene	<1.00		1.00	0.480	ug/L			10/18/24 11:16	1
Toluene	<1.00		1.00	0.430	ug/L			10/18/24 11:16	1
trans-1,4-Dichloro-2-butene	<10.0		10.0	1.10	ug/L			10/18/24 11:16	1
trans-1,2-Dichloroethene	<1.00		1.00	0.270	ug/L			10/18/24 11:16	1
trans-1,3-Dichloropropene	<5.00		5.00	0.560	ug/L			10/18/24 11:16	1
1,1,1-Trichloroethane	<1.00		1.00	0.190	ug/L			10/18/24 11:16	1
1,1,2-Trichloroethane	<1.00		1.00	0.450	ug/L			10/18/24 11:16	1
Trichloroethene	<1.00		1.00	0.430	ug/L			10/18/24 11:16	1
Trichlorofluoromethane	<4.00		4.00	0.380	ug/L			10/18/24 11:16	1
1,2,3-Trichloropropane	<1.00		1.00	0.590	ug/L			10/18/24 11:16	1
Vinyl acetate	<10.0		10.0	2.50	ug/L			10/18/24 11:16	1
Vinyl chloride	<1.00		1.00	0.180	ug/L			10/18/24 11:16	1
Xylenes, Total	<3.00		3.00	0.400	ug/L			10/18/24 11:16	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	99		80 - 120		10/18/24 11:16	1

Eurofins Cedar Falls

Client Sample Results

Client: HDR Inc
 Project/Site: Metro Park EAST-Landfill Phase II

Job ID: 310-292696-1

Client Sample ID: Dup-4

Lab Sample ID: 310-292696-11

Date Collected: 10/10/24 13:00

Matrix: Water

Date Received: 10/11/24 17:10

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Dibromofluoromethane (Surr)	101		73 - 130		10/18/24 11:16	1
Toluene-d8 (Surr)	98		80 - 120		10/18/24 11:16	1

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00200		0.00200	0.00100	mg/L		10/15/24 09:30	10/16/24 17:02	1
Arsenic	<0.00200		0.00200	0.000530	mg/L		10/15/24 09:30	10/16/24 17:02	1
Barium	0.0424		0.00200	0.000660	mg/L		10/15/24 09:30	10/16/24 17:02	1
Beryllium	<0.00100		0.00100	0.000330	mg/L		10/15/24 09:30	10/16/24 17:02	1
Cadmium	0.000189	J	0.000200	0.000100	mg/L		10/15/24 09:30	10/16/24 17:02	1
Chromium	<0.00500		0.00500	0.00120	mg/L		10/15/24 09:30	10/16/24 17:02	1
Cobalt	0.000259	J	0.000500	0.000170	mg/L		10/15/24 09:30	10/16/24 17:02	1
Copper	<0.00500		0.00500	0.00180	mg/L		10/15/24 09:30	10/16/24 17:02	1
Lead	<0.000500		0.000500	0.000260	mg/L		10/15/24 09:30	10/16/24 17:02	1
Nickel	<0.00500		0.00500	0.00210	mg/L		10/15/24 09:30	10/22/24 18:30	1
Selenium	<0.00500		0.00500	0.00140	mg/L		10/15/24 09:30	10/16/24 17:02	1
Silver	<0.00100		0.00100	0.000500	mg/L		10/15/24 09:30	10/16/24 17:02	1
Thallium	<0.00100		0.00100	0.000570	mg/L		10/15/24 09:30	10/29/24 17:10	1
Vanadium	<0.00500		0.00500	0.00110	mg/L		10/15/24 09:30	10/16/24 17:02	1
Zinc	<0.0200		0.0200	0.00970	mg/L		10/15/24 09:30	10/16/24 17:02	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids (USGS I-3765-85)	2.75		1.88	1.39	mg/L			10/16/24 15:09	1

Client Sample Results

Client: HDR Inc
Project/Site: Metro Park EAST-Landfill Phase II

Job ID: 310-292696-1

Client Sample ID: Leachate

Lab Sample ID: 310-292696-12

Date Collected: 10/10/24 16:10

Matrix: Water

Date Received: 10/11/24 17:10

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	2950		100	31.0	ug/L			10/18/24 12:25	10
Acrylonitrile	<50.0		50.0	22.0	ug/L			10/18/24 12:25	10
Benzene	2.46	J	5.00	2.20	ug/L			10/18/24 12:25	10
Bromochloromethane	<50.0		50.0	5.40	ug/L			10/18/24 12:25	10
Bromodichloromethane	<10.0		10.0	3.90	ug/L			10/18/24 12:25	10
Bromoform	<50.0		50.0	7.80	ug/L			10/18/24 12:25	10
Bromomethane	<40.0		40.0	11.0	ug/L			10/18/24 12:25	10
2-Butanone (MEK)	904		100	21.0	ug/L			10/18/24 12:25	10
Carbon disulfide	<10.0		10.0	4.50	ug/L			10/18/24 12:25	10
Carbon tetrachloride	<20.0		20.0	6.50	ug/L			10/18/24 12:25	10
Chlorobenzene	<10.0		10.0	4.00	ug/L			10/18/24 12:25	10
Chlorodibromomethane	<50.0		50.0	7.50	ug/L			10/18/24 12:25	10
Chloroethane	<40.0		40.0	7.90	ug/L			10/18/24 12:25	10
Chloroform	<30.0		30.0	13.0	ug/L			10/18/24 12:25	10
Chloromethane	<30.0		30.0	6.10	ug/L			10/18/24 12:25	10
cis-1,2-Dichloroethene	<10.0		10.0	2.10	ug/L			10/18/24 12:25	10
cis-1,3-Dichloropropene	<50.0		50.0	2.50	ug/L			10/18/24 12:25	10
1,2-Dibromo-3-chloropropane	<50.0		50.0	12.0	ug/L			10/18/24 12:25	10
1,2-Dibromoethane (EDB)	<10.0		10.0	3.40	ug/L			10/18/24 12:25	10
Dibromomethane	<10.0		10.0	3.30	ug/L			10/18/24 12:25	10
1,2-Dichlorobenzene	<10.0		10.0	3.70	ug/L			10/18/24 12:25	10
1,4-Dichlorobenzene	<10.0		10.0	2.30	ug/L			10/18/24 12:25	10
1,1-Dichloroethane	<10.0		10.0	2.20	ug/L			10/18/24 12:25	10
1,2-Dichloroethane	<10.0		10.0	3.90	ug/L			10/18/24 12:25	10
1,1-Dichloroethene	<20.0		20.0	5.60	ug/L			10/18/24 12:25	10
1,2-Dichloropropane	<10.0		10.0	2.70	ug/L			10/18/24 12:25	10
Ethylbenzene	<10.0		10.0	3.10	ug/L			10/18/24 12:25	10
2-Hexanone	<100		100	20.0	ug/L			10/18/24 12:25	10
Iodomethane	<100		100	70.0	ug/L			10/18/24 12:25	10
Methylene chloride	<50.0		50.0	17.0	ug/L			10/18/24 12:25	10
4-Methyl-2-pentanone (MIBK)	27.1	J	100	21.0	ug/L			10/18/24 12:25	10
Styrene	<10.0		10.0	3.70	ug/L			10/18/24 12:25	10
1,1,1,2-Tetrachloroethane	<10.0		10.0	3.80	ug/L			10/18/24 12:25	10
1,1,2,2-Tetrachloroethane	<10.0		10.0	4.70	ug/L			10/18/24 12:25	10
Tetrachloroethene	<10.0		10.0	4.80	ug/L			10/18/24 12:25	10
Toluene	8.52	J	10.0	4.30	ug/L			10/18/24 12:25	10
trans-1,4-Dichloro-2-butene	<100		100	11.0	ug/L			10/18/24 12:25	10
trans-1,2-Dichloroethene	<10.0		10.0	2.70	ug/L			10/18/24 12:25	10
trans-1,3-Dichloropropene	<50.0		50.0	5.60	ug/L			10/18/24 12:25	10
1,1,1-Trichloroethane	<10.0		10.0	1.90	ug/L			10/18/24 12:25	10
1,1,2-Trichloroethane	<10.0		10.0	4.50	ug/L			10/18/24 12:25	10
Trichloroethene	<10.0		10.0	4.30	ug/L			10/18/24 12:25	10
Trichlorofluoromethane	<40.0		40.0	3.80	ug/L			10/18/24 12:25	10
1,2,3-Trichloropropane	<10.0		10.0	5.90	ug/L			10/18/24 12:25	10
Vinyl acetate	<100		100	25.0	ug/L			10/18/24 12:25	10
Vinyl chloride	<10.0		10.0	1.80	ug/L			10/18/24 12:25	10
Xylenes, Total	14.8	J	30.0	4.00	ug/L			10/18/24 12:25	10

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		80 - 120		10/18/24 12:25	10

Eurofins Cedar Falls

Client Sample Results

Client: HDR Inc
 Project/Site: Metro Park EAST-Landfill Phase II

Job ID: 310-292696-1

Client Sample ID: Leachate

Lab Sample ID: 310-292696-12

Date Collected: 10/10/24 16:10

Matrix: Water

Date Received: 10/11/24 17:10

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Dibromofluoromethane (Surr)	101		73 - 130		10/18/24 12:25	10
Toluene-d8 (Surr)	98		80 - 120		10/18/24 12:25	10

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4,5-Tetrachlorobenzene	<10.0		10.0	0.540	ug/L		10/17/24 11:57	10/18/24 18:02	1
1,3,5-Trinitrobenzene	<10.0		10.0	2.30	ug/L		10/17/24 11:57	10/18/24 18:02	1
1,3-Dinitrobenzene	<10.0		10.0	3.20	ug/L		10/17/24 11:57	10/18/24 18:02	1
1,4-Naphthoquinone	<10.0		10.0	3.60	ug/L		10/17/24 11:57	10/18/24 18:02	1
1,4-Phenylenediamine	<10.0		10.0	1.90	ug/L		10/17/24 11:57	10/18/24 18:02	1
1-Naphthylamine	<10.0		10.0	2.50	ug/L		10/17/24 11:57	10/18/24 18:02	1
2,3,4,6-Tetrachlorophenol	<10.0		10.0	5.30	ug/L		10/17/24 11:57	10/18/24 18:02	1
2,4,5-Trichlorophenol	<10.0		10.0	5.30	ug/L		10/17/24 11:57	10/18/24 18:02	1
2,4,6-Trichlorophenol	<10.0		10.0	5.00	ug/L		10/17/24 11:57	10/18/24 18:02	1
2,4-Dichlorophenol	<10.0		10.0	0.850	ug/L		10/17/24 11:57	10/18/24 18:02	1
2,4-Dimethylphenol	<10.0		10.0	0.580	ug/L		10/17/24 11:57	10/18/24 18:02	1
2,4-Dinitrophenol	<20.0		20.0	13.0	ug/L		10/17/24 11:57	10/18/24 18:02	1
2,4-Dinitrotoluene	<10.0		10.0	6.40	ug/L		10/17/24 11:57	10/18/24 18:02	1
2,6-Dichlorophenol	<10.0		10.0	0.690	ug/L		10/17/24 11:57	10/18/24 18:02	1
2,6-Dinitrotoluene	<10.0		10.0	0.520	ug/L		10/17/24 11:57	10/18/24 18:02	1
2-Acetylaminofluorene	<10.0		10.0	2.70	ug/L		10/17/24 11:57	10/18/24 18:02	1
2-Chloronaphthalene	<10.0		10.0	0.640	ug/L		10/17/24 11:57	10/18/24 18:02	1
2-Chlorophenol	<10.0		10.0	0.540	ug/L		10/17/24 11:57	10/18/24 18:02	1
2-Methylnaphthalene	<10.0		10.0	0.590	ug/L		10/17/24 11:57	10/18/24 18:02	1
2-Methylphenol	5.15	J	10.0	0.650	ug/L		10/17/24 11:57	10/18/24 18:02	1
2-Naphthylamine	<10.0		10.0	2.10	ug/L		10/17/24 11:57	10/18/24 18:02	1
2-Nitroaniline	<10.0		10.0	5.90	ug/L		10/17/24 11:57	10/18/24 18:02	1
2-Nitrophenol	<10.0		10.0	6.80	ug/L		10/17/24 11:57	10/18/24 18:02	1
3,3'-Dichlorobenzidine	<10.0		10.0	1.40	ug/L		10/17/24 11:57	10/18/24 18:02	1
3,3'-Dimethylbenzidine	<10.0		10.0	1.50	ug/L		10/17/24 11:57	10/18/24 18:02	1
3-Methylcholanthrene	<10.0		10.0	0.320	ug/L		10/17/24 11:57	10/18/24 18:02	1
3-Nitroaniline	<10.0		10.0	2.70	ug/L		10/17/24 11:57	10/18/24 18:02	1
4,6-Dinitro-2-methylphenol	<10.0		10.0	6.90	ug/L		10/17/24 11:57	10/18/24 18:02	1
4-Aminobiphenyl	<10.0		10.0	2.20	ug/L		10/17/24 11:57	10/18/24 18:02	1
4-Bromophenyl phenyl ether	<10.0		10.0	0.700	ug/L		10/17/24 11:57	10/18/24 18:02	1
4-Chloro-3-methylphenol	<10.0		10.0	0.840	ug/L		10/17/24 11:57	10/18/24 18:02	1
4-Chloroaniline	<10.0		10.0	0.620	ug/L		10/17/24 11:57	10/18/24 18:02	1
4-Chlorophenyl phenyl ether	<10.0		10.0	0.690	ug/L		10/17/24 11:57	10/18/24 18:02	1
4-Methylphenol (and/or 3-Methylphenol)	<10.0		10.0	0.700	ug/L		10/17/24 11:57	10/18/24 18:02	1
4-Nitroaniline	<10.0		10.0	1.30	ug/L		10/17/24 11:57	10/18/24 18:02	1
4-Nitrophenol	<10.0		10.0	7.60	ug/L		10/17/24 11:57	10/18/24 18:02	1
5-Nitro-o-toluidine	<10.0		10.0	2.80	ug/L		10/17/24 11:57	10/18/24 18:02	1
7,12-Dimethylbenz(a)anthracene	<10.0		10.0	1.90	ug/L		10/17/24 11:57	10/18/24 18:02	1
Acenaphthene	<10.0		10.0	0.640	ug/L		10/17/24 11:57	10/18/24 18:02	1
Acenaphthylene	<10.0		10.0	0.720	ug/L		10/17/24 11:57	10/18/24 18:02	1
Acetophenone	9.74	J	10.0	0.690	ug/L		10/17/24 11:57	10/18/24 18:02	1
Anthracene	<10.0		10.0	0.870	ug/L		10/17/24 11:57	10/18/24 18:02	1
Benzo(a)anthracene	<10.0		10.0	0.850	ug/L		10/17/24 11:57	10/18/24 18:02	1

Eurofins Cedar Falls

Client Sample Results

Client: HDR Inc
 Project/Site: Metro Park EAST-Landfill Phase II

Job ID: 310-292696-1

Client Sample ID: Leachate

Lab Sample ID: 310-292696-12

Date Collected: 10/10/24 16:10

Matrix: Water

Date Received: 10/11/24 17:10

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo(a)pyrene	<10.0		10.0	8.10	ug/L		10/17/24 11:57	10/18/24 18:02	1
Benzo(b)fluoranthene	<10.0		10.0	4.90	ug/L		10/17/24 11:57	10/18/24 18:02	1
Benzo(g,h,i)perylene	<10.0		10.0	6.30	ug/L		10/17/24 11:57	10/18/24 18:02	1
Benzo(k)fluoranthene	<10.0		10.0	2.20	ug/L		10/17/24 11:57	10/18/24 18:02	1
Benzyl alcohol	<10.0		10.0	1.30	ug/L		10/17/24 11:57	10/18/24 18:02	1
Bis(2-chloroethoxy)methane	<10.0		10.0	0.760	ug/L		10/17/24 11:57	10/18/24 18:02	1
Bis(2-chloroethyl)ether	<10.0		10.0	0.820	ug/L		10/17/24 11:57	10/18/24 18:02	1
bis(2-chloroisopropyl) ether	<10.0		10.0	0.540	ug/L		10/17/24 11:57	10/18/24 18:02	1
Bis(2-ethylhexyl) phthalate	<10.0		10.0	5.50	ug/L		10/17/24 11:57	10/18/24 18:02	1
Butyl benzyl phthalate	<10.0		10.0	5.40	ug/L		10/17/24 11:57	10/18/24 18:02	1
Chlorobenzilate	<10.0		10.0	3.60	ug/L		10/17/24 11:57	10/18/24 18:02	1
Chrysene	<10.0		10.0	0.870	ug/L		10/17/24 11:57	10/18/24 18:02	1
Diallate	<10.0		10.0	4.00	ug/L		10/17/24 11:57	10/18/24 18:02	1
Dibenz(a,h)anthracene	<10.0		10.0	3.90	ug/L		10/17/24 11:57	10/18/24 18:02	1
Dibenzofuran	<10.0		10.0	0.740	ug/L		10/17/24 11:57	10/18/24 18:02	1
Diethyl phthalate	<10.0		10.0	1.70	ug/L		10/17/24 11:57	10/18/24 18:02	1
Dimethoate	<10.0		10.0	3.60	ug/L		10/17/24 11:57	10/18/24 18:02	1
Dimethyl phthalate	<10.0		10.0	1.00	ug/L		10/17/24 11:57	10/18/24 18:02	1
Di-n-butyl phthalate	<10.0		10.0	5.60	ug/L		10/17/24 11:57	10/18/24 18:02	1
Di-n-octyl phthalate	<20.0		20.0	7.00	ug/L		10/17/24 11:57	10/18/24 18:02	1
Diphenylamine	<10.0		10.0	6.00	ug/L		10/17/24 11:57	10/18/24 18:02	1
Disulfoton	<10.0		10.0	2.40	ug/L		10/17/24 11:57	10/18/24 18:02	1
Ethyl methanesulfonate	<10.0		10.0	3.60	ug/L		10/17/24 11:57	10/18/24 18:02	1
Ethyl parathion	<10.0		10.0	2.20	ug/L		10/17/24 11:57	10/18/24 18:02	1
Famphur	<10.0		10.0	3.80	ug/L		10/17/24 11:57	10/18/24 18:02	1
Fluoranthene	<10.0		10.0	1.70	ug/L		10/17/24 11:57	10/18/24 18:02	1
Fluorene	<10.0		10.0	0.790	ug/L		10/17/24 11:57	10/18/24 18:02	1
Hexachlorobenzene	<10.0		10.0	0.700	ug/L		10/17/24 11:57	10/18/24 18:02	1
Hexachlorobutadiene	<10.0		10.0	0.860	ug/L		10/17/24 11:57	10/18/24 18:02	1
Hexachlorocyclopentadiene	<10.0		10.0	5.10	ug/L		10/17/24 11:57	10/18/24 18:02	1
Hexachloroethane	<10.0		10.0	0.970	ug/L		10/17/24 11:57	10/18/24 18:02	1
Hexachloropropene	<10.0		10.0	2.60	ug/L		10/17/24 11:57	10/18/24 18:02	1
Indeno(1,2,3-cd)pyrene	<10.0		10.0	4.20	ug/L		10/17/24 11:57	10/18/24 18:02	1
Isodrin	<10.0		10.0	4.70	ug/L		10/17/24 11:57	10/18/24 18:02	1
Isophorone	<10.0		10.0	0.930	ug/L		10/17/24 11:57	10/18/24 18:02	1
Isosafrole	<10.0		10.0	2.30	ug/L		10/17/24 11:57	10/18/24 18:02	1
Kepone	<10.0		10.0	1.00	ug/L		10/17/24 11:57	10/18/24 18:02	1
Methapyrilene	<10.0		10.0	0.760	ug/L		10/17/24 11:57	10/18/24 18:02	1
Methyl methanesulfonate	<10.0		10.0	3.30	ug/L		10/17/24 11:57	10/18/24 18:02	1
Methyl parathion	<10.0		10.0	2.30	ug/L		10/17/24 11:57	10/18/24 18:02	1
Nitrobenzene	<10.0		10.0	0.800	ug/L		10/17/24 11:57	10/18/24 18:02	1
N-Nitrosodiethylamine	12.9		10.0	3.40	ug/L		10/17/24 11:57	10/18/24 18:02	1
N-Nitrosodimethylamine	<10.0		10.0	0.720	ug/L		10/17/24 11:57	10/18/24 18:02	1
N-Nitrosodi-n-butylamine	<10.0		10.0	3.90	ug/L		10/17/24 11:57	10/18/24 18:02	1
N-Nitrosodi-n-propylamine	<10.0		10.0	0.920	ug/L		10/17/24 11:57	10/18/24 18:02	1
N-Nitrosodiphenylamine	<10.0		10.0	0.750	ug/L		10/17/24 11:57	10/18/24 18:02	1
N-Nitrosomethylethylamine	<10.0		10.0	4.90	ug/L		10/17/24 11:57	10/18/24 18:02	1
N-Nitrosopiperidine	<10.0		10.0	2.70	ug/L		10/17/24 11:57	10/18/24 18:02	1
N-Nitrosopyrrolidine	<10.0		10.0	3.60	ug/L		10/17/24 11:57	10/18/24 18:02	1

Eurofins Cedar Falls

Client Sample Results

Client: HDR Inc
Project/Site: Metro Park EAST-Landfill Phase II

Job ID: 310-292696-1

Client Sample ID: Leachate

Lab Sample ID: 310-292696-12

Date Collected: 10/10/24 16:10

Matrix: Water

Date Received: 10/11/24 17:10

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
o,o',o"-Triethylphosphorothioate	<10.0		10.0	3.20	ug/L		10/17/24 11:57	10/18/24 18:02	1
o-Toluidine	<10.0		10.0	2.90	ug/L		10/17/24 11:57	10/18/24 18:02	1
p-Dimethylamino azobenzene	<10.0		10.0	2.20	ug/L		10/17/24 11:57	10/18/24 18:02	1
Pentachlorobenzene	<10.0		10.0	2.80	ug/L		10/17/24 11:57	10/18/24 18:02	1
Pentachloronitrobenzene	<10.0		10.0	5.80	ug/L		10/17/24 11:57	10/18/24 18:02	1
Pentachlorophenol	<10.0		10.0	9.60	ug/L		10/17/24 11:57	10/18/24 18:02	1
Phenacetin	<10.0		10.0	1.90	ug/L		10/17/24 11:57	10/18/24 18:02	1
Phenanthrene	<10.0		10.0	0.790	ug/L		10/17/24 11:57	10/18/24 18:02	1
Phenol	<10.0		10.0	1.10	ug/L		10/17/24 11:57	10/18/24 18:02	1
Phorate	<10.0		10.0	3.20	ug/L		10/17/24 11:57	10/18/24 18:02	1
Pronamide	<10.0		10.0	2.70	ug/L		10/17/24 11:57	10/18/24 18:02	1
Pyrene	<10.0		10.0	0.790	ug/L		10/17/24 11:57	10/18/24 18:02	1
Safrole	<10.0		10.0	2.80	ug/L		10/17/24 11:57	10/18/24 18:02	1
Thionazin	<10.0		10.0	3.50	ug/L		10/17/24 11:57	10/18/24 18:02	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorophenol (Surr)	57		25 - 110	10/17/24 11:57	10/18/24 18:02	1
Phenol-d5 (Surr)	53		21 - 110	10/17/24 11:57	10/18/24 18:02	1
Nitrobenzene-d5 (Surr)	81		45 - 129	10/17/24 11:57	10/18/24 18:02	1
2-Fluorobiphenyl (Surr)	67		39 - 118	10/17/24 11:57	10/18/24 18:02	1
2,4,6-Tribromophenol (Surr)	82		27 - 136	10/17/24 11:57	10/18/24 18:02	1
Terphenyl-d14 (Surr)	64		12 - 144	10/17/24 11:57	10/18/24 18:02	1

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aldrin	<0.0938		0.0938	0.0206	ug/L		10/14/24 09:17	10/15/24 13:15	1
alpha-BHC	<0.0938		0.0938	0.00938	ug/L		10/14/24 09:17	10/15/24 13:15	1
beta-BHC	<0.0938		0.0938	0.0394	ug/L		10/14/24 09:17	10/15/24 13:15	1
gamma-BHC (Lindane)	<0.0938		0.0938	0.00938	ug/L		10/14/24 09:17	10/15/24 13:15	1
Chlordane (technical)	<1.88		1.88	0.366	ug/L		10/14/24 09:17	10/15/24 13:15	1
delta-BHC	<0.0938		0.0938	0.0300	ug/L		10/14/24 09:17	10/15/24 13:15	1
Dieldrin	<0.0938		0.0938	0.0197	ug/L		10/14/24 09:17	10/15/24 13:15	1
4,4'-DDD	<0.0938		0.0938	0.0235	ug/L		10/14/24 09:17	10/15/24 13:15	1
4,4'-DDE	<0.0938		0.0938	0.0282	ug/L		10/14/24 09:17	10/15/24 13:15	1
4,4'-DDT	<0.0938		0.0938	0.0188	ug/L		10/14/24 09:17	10/15/24 13:15	1
Endosulfan I	<0.0938		0.0938	0.0263	ug/L		10/14/24 09:17	10/15/24 13:15	1
Endosulfan II	<0.0938		0.0938	0.0244	ug/L		10/14/24 09:17	10/15/24 13:15	1
Endosulfan sulfate	<0.0938		0.0938	0.0169	ug/L		10/14/24 09:17	10/15/24 13:15	1
Endrin	<0.0938		0.0938	0.0263	ug/L		10/14/24 09:17	10/15/24 13:15	1
Endrin aldehyde	<0.0938		0.0938	0.0253	ug/L		10/14/24 09:17	10/15/24 13:15	1
Heptachlor	<0.0938		0.0938	0.0216	ug/L		10/14/24 09:17	10/15/24 13:15	1
Heptachlor epoxide	<0.0938		0.0938	0.0300	ug/L		10/14/24 09:17	10/15/24 13:15	1
Methoxychlor	<0.0938		0.0938	0.0300	ug/L		10/14/24 09:17	10/15/24 13:15	1
Toxaphene	<1.88		1.88	0.938	ug/L		10/14/24 09:17	10/15/24 13:15	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr)	69		10 - 136	10/14/24 09:17	10/15/24 13:15	1
Tetrachloro-m-xylene (Surr)	79		10 - 130	10/14/24 09:17	10/15/24 13:15	1

Eurofins Cedar Falls

Client Sample Results

Client: HDR Inc
Project/Site: Metro Park EAST-Landfill Phase II

Job ID: 310-292696-1

Client Sample ID: Leachate

Lab Sample ID: 310-292696-12

Date Collected: 10/10/24 16:10

Matrix: Water

Date Received: 10/11/24 17:10

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<1.88		1.88	0.769	ug/L		10/14/24 09:17	10/15/24 13:15	1
PCB-1221	<1.88		1.88	0.769	ug/L		10/14/24 09:17	10/15/24 13:15	1
PCB-1232	<1.88		1.88	0.769	ug/L		10/14/24 09:17	10/15/24 13:15	1
PCB-1242	<1.88		1.88	0.769	ug/L		10/14/24 09:17	10/15/24 13:15	1
PCB-1248	<1.88		1.88	0.647	ug/L		10/14/24 09:17	10/15/24 13:15	1
PCB-1254	<1.88		1.88	0.647	ug/L		10/14/24 09:17	10/15/24 13:15	1
PCB-1260	<1.88		1.88	0.647	ug/L		10/14/24 09:17	10/15/24 13:15	1
PCB-1268	<1.88		1.88	0.647	ug/L		10/14/24 09:17	10/15/24 13:15	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr)	69		10 - 136				10/14/24 09:17	10/15/24 13:15	1
Tetrachloro-m-xylene (Surr)	79		10 - 130				10/14/24 09:17	10/15/24 13:15	1

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.0238		0.0100	0.00500	mg/L		10/15/24 09:30	10/16/24 17:04	1
Arsenic	0.0672		0.0100	0.00265	mg/L		10/15/24 09:30	10/16/24 17:04	1
Barium	0.329		0.0100	0.00330	mg/L		10/15/24 09:30	10/16/24 17:04	1
Beryllium	<0.00500		0.00500	0.00165	mg/L		10/15/24 09:30	10/16/24 17:04	1
Cadmium	<0.00100		0.00100	0.000500	mg/L		10/15/24 09:30	10/16/24 17:04	1
Chromium	0.0665		0.0250	0.00600	mg/L		10/15/24 09:30	10/16/24 17:04	1
Cobalt	0.0214		0.00250	0.000850	mg/L		10/15/24 09:30	10/16/24 17:04	1
Copper	<0.0250		0.0250	0.00900	mg/L		10/15/24 09:30	10/16/24 17:04	1
Lead	<0.00250		0.00250	0.00130	mg/L		10/15/24 09:30	10/16/24 17:04	1
Nickel	0.160		0.0250	0.0105	mg/L		10/15/24 09:30	10/22/24 18:32	1
Selenium	<0.0250		0.0250	0.00700	mg/L		10/15/24 09:30	10/16/24 17:04	1
Silver	<0.00500		0.00500	0.00250	mg/L		10/15/24 09:30	10/16/24 17:04	1
Thallium	<0.00500		0.00500	0.00285	mg/L		10/15/24 09:30	10/29/24 17:13	1
Tin	<0.0250		0.0250	0.0115	mg/L		10/15/24 09:30	10/16/24 17:04	1
Vanadium	0.0412		0.0250	0.00550	mg/L		10/15/24 09:30	10/16/24 17:04	1
Zinc	<0.100		0.100	0.0485	mg/L		10/15/24 09:30	10/16/24 17:04	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000600		0.000600	0.000330	mg/L		10/23/24 13:35	10/24/24 11:51	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
HEM (Oil and Grease) (40CFR136A 1664A)	<4.9		4.9	4.4	mg/L		10/15/24 08:30	10/15/24 08:30	1
Cyanide, Total (EPA 335.4)	0.00384	J	0.0100	0.00350	mg/L		10/17/24 10:34	10/17/24 18:26	1
Total Dissolved Solids (SM 2540C)	5610		250	210	mg/L			10/15/24 17:46	1

Client Sample Results

Client: HDR Inc
Project/Site: Metro Park EAST-Landfill Phase II

Job ID: 310-292696-1

Client Sample ID: TB-2

Lab Sample ID: 310-292696-13

Date Collected: 10/10/24 17:08

Matrix: Water

Date Received: 10/11/24 17:10

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<10.0		10.0	3.10	ug/L			10/18/24 06:42	1
Acrylonitrile	<5.00		5.00	2.20	ug/L			10/18/24 06:42	1
Benzene	<0.500		0.500	0.220	ug/L			10/18/24 06:42	1
Bromochloromethane	<5.00		5.00	0.540	ug/L			10/18/24 06:42	1
Bromodichloromethane	<1.00		1.00	0.390	ug/L			10/18/24 06:42	1
Bromoform	<5.00		5.00	0.780	ug/L			10/18/24 06:42	1
Bromomethane	<4.00		4.00	1.10	ug/L			10/18/24 06:42	1
2-Butanone (MEK)	<10.0		10.0	2.10	ug/L			10/18/24 06:42	1
Carbon disulfide	<1.00		1.00	0.450	ug/L			10/18/24 06:42	1
Carbon tetrachloride	<2.00		2.00	0.650	ug/L			10/18/24 06:42	1
Chlorobenzene	<1.00		1.00	0.400	ug/L			10/18/24 06:42	1
Chlorodibromomethane	<5.00		5.00	0.750	ug/L			10/18/24 06:42	1
Chloroethane	<4.00		4.00	0.790	ug/L			10/18/24 06:42	1
Chloroform	<3.00		3.00	1.30	ug/L			10/18/24 06:42	1
Chloromethane	<3.00		3.00	0.610	ug/L			10/18/24 06:42	1
cis-1,2-Dichloroethene	<1.00		1.00	0.210	ug/L			10/18/24 06:42	1
cis-1,3-Dichloropropene	<5.00		5.00	0.250	ug/L			10/18/24 06:42	1
1,2-Dibromo-3-chloropropane	<5.00		5.00	1.20	ug/L			10/18/24 06:42	1
1,2-Dibromoethane (EDB)	<1.00		1.00	0.340	ug/L			10/18/24 06:42	1
Dibromomethane	<1.00		1.00	0.330	ug/L			10/18/24 06:42	1
1,2-Dichlorobenzene	<1.00		1.00	0.370	ug/L			10/18/24 06:42	1
1,4-Dichlorobenzene	<1.00		1.00	0.230	ug/L			10/18/24 06:42	1
1,1-Dichloroethane	<1.00		1.00	0.220	ug/L			10/18/24 06:42	1
1,2-Dichloroethane	<1.00		1.00	0.390	ug/L			10/18/24 06:42	1
1,1-Dichloroethene	<2.00		2.00	0.560	ug/L			10/18/24 06:42	1
1,2-Dichloropropane	<1.00		1.00	0.270	ug/L			10/18/24 06:42	1
Ethylbenzene	<1.00		1.00	0.310	ug/L			10/18/24 06:42	1
2-Hexanone	<10.0		10.0	2.00	ug/L			10/18/24 06:42	1
Iodomethane	<10.0		10.0	7.00	ug/L			10/18/24 06:42	1
Methylene chloride	<5.00		5.00	1.70	ug/L			10/18/24 06:42	1
4-Methyl-2-pentanone (MIBK)	<10.0		10.0	2.10	ug/L			10/18/24 06:42	1
Styrene	<1.00		1.00	0.370	ug/L			10/18/24 06:42	1
1,1,1,2-Tetrachloroethane	<1.00		1.00	0.380	ug/L			10/18/24 06:42	1
1,1,2,2-Tetrachloroethane	<1.00		1.00	0.470	ug/L			10/18/24 06:42	1
Tetrachloroethene	<1.00		1.00	0.480	ug/L			10/18/24 06:42	1
Toluene	<1.00		1.00	0.430	ug/L			10/18/24 06:42	1
trans-1,4-Dichloro-2-butene	<10.0		10.0	1.10	ug/L			10/18/24 06:42	1
trans-1,2-Dichloroethene	<1.00		1.00	0.270	ug/L			10/18/24 06:42	1
trans-1,3-Dichloropropene	<5.00		5.00	0.560	ug/L			10/18/24 06:42	1
1,1,1-Trichloroethane	<1.00		1.00	0.190	ug/L			10/18/24 06:42	1
1,1,2-Trichloroethane	<1.00		1.00	0.450	ug/L			10/18/24 06:42	1
Trichloroethene	<1.00		1.00	0.430	ug/L			10/18/24 06:42	1
Trichlorofluoromethane	<4.00		4.00	0.380	ug/L			10/18/24 06:42	1
1,2,3-Trichloropropane	<1.00		1.00	0.590	ug/L			10/18/24 06:42	1
Vinyl acetate	<10.0		10.0	2.50	ug/L			10/18/24 06:42	1
Vinyl chloride	<1.00		1.00	0.180	ug/L			10/18/24 06:42	1
Xylenes, Total	<3.00		3.00	0.400	ug/L			10/18/24 06:42	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	99		80 - 120		10/18/24 06:42	1

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Client Sample Results

Client: HDR Inc
Project/Site: Metro Park EAST-Landfill Phase II

Job ID: 310-292696-1

Client Sample ID: TB-2

Lab Sample ID: 310-292696-13

Date Collected: 10/10/24 17:08

Matrix: Water

Date Received: 10/11/24 17:10

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

<u>Surrogate</u>	<u>%Recovery</u>	<u>Qualifier</u>	<u>Limits</u>	<u>Prepared</u>	<u>Analyzed</u>	<u>Dil Fac</u>
Dibromofluoromethane (Surr)	100		73 - 130		10/18/24 06:42	1
Toluene-d8 (Surr)	99		80 - 120		10/18/24 06:42	1

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Client Sample Results

Client: HDR Inc
 Project/Site: Metro Park EAST-Landfill Phase II

Job ID: 310-292696-1

Client Sample ID: GU-4

Lab Sample ID: 310-292696-14

Date Collected: 10/10/24 17:08

Matrix: Water

Date Received: 10/11/24 17:10

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<10.0		10.0	3.10	ug/L			10/18/24 11:39	1
Acrylonitrile	<5.00		5.00	2.20	ug/L			10/18/24 11:39	1
Benzene	<0.500		0.500	0.220	ug/L			10/18/24 11:39	1
Bromochloromethane	<5.00		5.00	0.540	ug/L			10/18/24 11:39	1
Bromodichloromethane	<1.00		1.00	0.390	ug/L			10/18/24 11:39	1
Bromoform	<5.00		5.00	0.780	ug/L			10/18/24 11:39	1
Bromomethane	<4.00		4.00	1.10	ug/L			10/18/24 11:39	1
2-Butanone (MEK)	<10.0		10.0	2.10	ug/L			10/18/24 11:39	1
Carbon disulfide	<1.00		1.00	0.450	ug/L			10/18/24 11:39	1
Carbon tetrachloride	<2.00		2.00	0.650	ug/L			10/18/24 11:39	1
Chlorobenzene	<1.00		1.00	0.400	ug/L			10/18/24 11:39	1
Chlorodibromomethane	<5.00		5.00	0.750	ug/L			10/18/24 11:39	1
Chloroethane	<4.00		4.00	0.790	ug/L			10/18/24 11:39	1
Chloroform	<3.00		3.00	1.30	ug/L			10/18/24 11:39	1
Chloromethane	<3.00		3.00	0.610	ug/L			10/18/24 11:39	1
cis-1,2-Dichloroethene	<1.00		1.00	0.210	ug/L			10/18/24 11:39	1
cis-1,3-Dichloropropene	<5.00		5.00	0.250	ug/L			10/18/24 11:39	1
1,2-Dibromo-3-chloropropane	<5.00		5.00	1.20	ug/L			10/18/24 11:39	1
1,2-Dibromoethane (EDB)	<1.00		1.00	0.340	ug/L			10/18/24 11:39	1
Dibromomethane	<1.00		1.00	0.330	ug/L			10/18/24 11:39	1
1,2-Dichlorobenzene	<1.00		1.00	0.370	ug/L			10/18/24 11:39	1
1,4-Dichlorobenzene	<1.00		1.00	0.230	ug/L			10/18/24 11:39	1
1,1-Dichloroethane	<1.00		1.00	0.220	ug/L			10/18/24 11:39	1
1,2-Dichloroethane	<1.00		1.00	0.390	ug/L			10/18/24 11:39	1
1,1-Dichloroethene	<2.00		2.00	0.560	ug/L			10/18/24 11:39	1
1,2-Dichloropropane	<1.00		1.00	0.270	ug/L			10/18/24 11:39	1
Ethylbenzene	<1.00		1.00	0.310	ug/L			10/18/24 11:39	1
2-Hexanone	<10.0		10.0	2.00	ug/L			10/18/24 11:39	1
Iodomethane	<10.0		10.0	7.00	ug/L			10/18/24 11:39	1
Methylene chloride	<5.00		5.00	1.70	ug/L			10/18/24 11:39	1
4-Methyl-2-pentanone (MIBK)	<10.0		10.0	2.10	ug/L			10/18/24 11:39	1
Styrene	<1.00		1.00	0.370	ug/L			10/18/24 11:39	1
1,1,1,2-Tetrachloroethane	<1.00		1.00	0.380	ug/L			10/18/24 11:39	1
1,1,2,2-Tetrachloroethane	<1.00		1.00	0.470	ug/L			10/18/24 11:39	1
Tetrachloroethene	<1.00		1.00	0.480	ug/L			10/18/24 11:39	1
Toluene	<1.00		1.00	0.430	ug/L			10/18/24 11:39	1
trans-1,4-Dichloro-2-butene	<10.0		10.0	1.10	ug/L			10/18/24 11:39	1
trans-1,2-Dichloroethene	<1.00		1.00	0.270	ug/L			10/18/24 11:39	1
trans-1,3-Dichloropropene	<5.00		5.00	0.560	ug/L			10/18/24 11:39	1
1,1,1-Trichloroethane	<1.00		1.00	0.190	ug/L			10/18/24 11:39	1
1,1,2-Trichloroethane	<1.00		1.00	0.450	ug/L			10/18/24 11:39	1
Trichloroethene	<1.00		1.00	0.430	ug/L			10/18/24 11:39	1
Trichlorofluoromethane	<4.00		4.00	0.380	ug/L			10/18/24 11:39	1
1,2,3-Trichloropropane	<1.00		1.00	0.590	ug/L			10/18/24 11:39	1
Vinyl acetate	<10.0		10.0	2.50	ug/L			10/18/24 11:39	1
Vinyl chloride	<1.00		1.00	0.180	ug/L			10/18/24 11:39	1
Xylenes, Total	<3.00		3.00	0.400	ug/L			10/18/24 11:39	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	100		80 - 120		10/18/24 11:39	1

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Client Sample Results

Client: HDR Inc
Project/Site: Metro Park EAST-Landfill Phase II

Job ID: 310-292696-1

Client Sample ID: GU-4

Lab Sample ID: 310-292696-14

Date Collected: 10/10/24 17:08

Matrix: Water

Date Received: 10/11/24 17:10

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Dibromofluoromethane (Surr)	102		73 - 130		10/18/24 11:39	1
Toluene-d8 (Surr)	98		80 - 120		10/18/24 11:39	1

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00200		0.00200	0.00100	mg/L		10/15/24 09:30	10/16/24 17:06	1
Arsenic	0.00102	J	0.00200	0.000530	mg/L		10/15/24 09:30	10/16/24 17:06	1
Barium	0.0745		0.00200	0.000660	mg/L		10/15/24 09:30	10/16/24 17:06	1
Beryllium	<0.00100		0.00100	0.000330	mg/L		10/15/24 09:30	10/16/24 17:06	1
Cadmium	<0.000200		0.000200	0.000100	mg/L		10/15/24 09:30	10/16/24 17:06	1
Chromium	<0.00500		0.00500	0.00120	mg/L		10/15/24 09:30	10/16/24 17:06	1
Cobalt	0.00525		0.000500	0.000170	mg/L		10/15/24 09:30	10/16/24 17:06	1
Copper	<0.00500		0.00500	0.00180	mg/L		10/15/24 09:30	10/16/24 17:06	1
Lead	<0.000500		0.000500	0.000260	mg/L		10/15/24 09:30	10/16/24 17:06	1
Nickel	0.0106		0.00500	0.00210	mg/L		10/15/24 09:30	10/22/24 18:35	1
Selenium	<0.00500		0.00500	0.00140	mg/L		10/15/24 09:30	10/16/24 17:06	1
Silver	<0.00100		0.00100	0.000500	mg/L		10/15/24 09:30	10/16/24 17:06	1
Thallium	<0.00100		0.00100	0.000570	mg/L		10/15/24 09:30	10/29/24 17:15	1
Vanadium	<0.00500		0.00500	0.00110	mg/L		10/15/24 09:30	10/16/24 17:06	1
Zinc	<0.0200		0.0200	0.00970	mg/L		10/15/24 09:30	10/16/24 17:06	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids (USGS I-3765-85)	<1.88		1.88	1.39	mg/L			10/14/24 14:12	1

Client Sample Results

Client: HDR Inc
Project/Site: Metro Park EAST-Landfill Phase II

Job ID: 310-292696-1

Client Sample ID: GU-5

Lab Sample ID: 310-292696-15

Date Collected: 10/10/24 17:08

Matrix: Water

Date Received: 10/11/24 17:10

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<10.0		10.0	3.10	ug/L			10/18/24 12:02	1
Acrylonitrile	<5.00		5.00	2.20	ug/L			10/18/24 12:02	1
Benzene	<0.500		0.500	0.220	ug/L			10/18/24 12:02	1
Bromochloromethane	<5.00		5.00	0.540	ug/L			10/18/24 12:02	1
Bromodichloromethane	<1.00		1.00	0.390	ug/L			10/18/24 12:02	1
Bromoform	<5.00		5.00	0.780	ug/L			10/18/24 12:02	1
Bromomethane	<4.00		4.00	1.10	ug/L			10/18/24 12:02	1
2-Butanone (MEK)	<10.0		10.0	2.10	ug/L			10/18/24 12:02	1
Carbon disulfide	<1.00		1.00	0.450	ug/L			10/18/24 12:02	1
Carbon tetrachloride	<2.00		2.00	0.650	ug/L			10/18/24 12:02	1
Chlorobenzene	<1.00		1.00	0.400	ug/L			10/18/24 12:02	1
Chlorodibromomethane	<5.00		5.00	0.750	ug/L			10/18/24 12:02	1
Chloroethane	<4.00		4.00	0.790	ug/L			10/18/24 12:02	1
Chloroform	<3.00		3.00	1.30	ug/L			10/18/24 12:02	1
Chloromethane	<3.00		3.00	0.610	ug/L			10/18/24 12:02	1
cis-1,2-Dichloroethene	<1.00		1.00	0.210	ug/L			10/18/24 12:02	1
cis-1,3-Dichloropropene	<5.00		5.00	0.250	ug/L			10/18/24 12:02	1
1,2-Dibromo-3-chloropropane	<5.00		5.00	1.20	ug/L			10/18/24 12:02	1
1,2-Dibromoethane (EDB)	<1.00		1.00	0.340	ug/L			10/18/24 12:02	1
Dibromomethane	<1.00		1.00	0.330	ug/L			10/18/24 12:02	1
1,2-Dichlorobenzene	<1.00		1.00	0.370	ug/L			10/18/24 12:02	1
1,4-Dichlorobenzene	<1.00		1.00	0.230	ug/L			10/18/24 12:02	1
1,1-Dichloroethane	<1.00		1.00	0.220	ug/L			10/18/24 12:02	1
1,2-Dichloroethane	<1.00		1.00	0.390	ug/L			10/18/24 12:02	1
1,1-Dichloroethene	<2.00		2.00	0.560	ug/L			10/18/24 12:02	1
1,2-Dichloropropane	<1.00		1.00	0.270	ug/L			10/18/24 12:02	1
Ethylbenzene	<1.00		1.00	0.310	ug/L			10/18/24 12:02	1
2-Hexanone	<10.0		10.0	2.00	ug/L			10/18/24 12:02	1
Iodomethane	<10.0		10.0	7.00	ug/L			10/18/24 12:02	1
Methylene chloride	<5.00		5.00	1.70	ug/L			10/18/24 12:02	1
4-Methyl-2-pentanone (MIBK)	<10.0		10.0	2.10	ug/L			10/18/24 12:02	1
Styrene	<1.00		1.00	0.370	ug/L			10/18/24 12:02	1
1,1,1,2-Tetrachloroethane	<1.00		1.00	0.380	ug/L			10/18/24 12:02	1
1,1,2,2-Tetrachloroethane	<1.00		1.00	0.470	ug/L			10/18/24 12:02	1
Tetrachloroethene	<1.00		1.00	0.480	ug/L			10/18/24 12:02	1
Toluene	<1.00		1.00	0.430	ug/L			10/18/24 12:02	1
trans-1,4-Dichloro-2-butene	<10.0		10.0	1.10	ug/L			10/18/24 12:02	1
trans-1,2-Dichloroethene	<1.00		1.00	0.270	ug/L			10/18/24 12:02	1
trans-1,3-Dichloropropene	<5.00		5.00	0.560	ug/L			10/18/24 12:02	1
1,1,1-Trichloroethane	<1.00		1.00	0.190	ug/L			10/18/24 12:02	1
1,1,2-Trichloroethane	<1.00		1.00	0.450	ug/L			10/18/24 12:02	1
Trichloroethene	<1.00		1.00	0.430	ug/L			10/18/24 12:02	1
Trichlorofluoromethane	<4.00		4.00	0.380	ug/L			10/18/24 12:02	1
1,2,3-Trichloropropane	<1.00		1.00	0.590	ug/L			10/18/24 12:02	1
Vinyl acetate	<10.0		10.0	2.50	ug/L			10/18/24 12:02	1
Vinyl chloride	<1.00		1.00	0.180	ug/L			10/18/24 12:02	1
Xylenes, Total	<3.00		3.00	0.400	ug/L			10/18/24 12:02	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	99		80 - 120		10/18/24 12:02	1

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Client Sample Results

Client: HDR Inc
 Project/Site: Metro Park EAST-Landfill Phase II

Job ID: 310-292696-1

Client Sample ID: GU-5

Lab Sample ID: 310-292696-15

Date Collected: 10/10/24 17:08

Matrix: Water

Date Received: 10/11/24 17:10

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Dibromofluoromethane (Surr)	101		73 - 130		10/18/24 12:02	1
Toluene-d8 (Surr)	97		80 - 120		10/18/24 12:02	1

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00200		0.00200	0.00100	mg/L		10/15/24 09:30	10/16/24 17:09	1
Arsenic	0.00767		0.00200	0.000530	mg/L		10/15/24 09:30	10/16/24 17:09	1
Barium	0.0579		0.00200	0.000660	mg/L		10/15/24 09:30	10/16/24 17:09	1
Beryllium	<0.00100		0.00100	0.000330	mg/L		10/15/24 09:30	10/16/24 17:09	1
Cadmium	<0.000200		0.000200	0.000100	mg/L		10/15/24 09:30	10/16/24 17:09	1
Chromium	<0.00500		0.00500	0.00120	mg/L		10/15/24 09:30	10/16/24 17:09	1
Cobalt	0.00526		0.000500	0.000170	mg/L		10/15/24 09:30	10/16/24 17:09	1
Copper	<0.00500		0.00500	0.00180	mg/L		10/15/24 09:30	10/16/24 17:09	1
Lead	<0.000500		0.000500	0.000260	mg/L		10/15/24 09:30	10/16/24 17:09	1
Nickel	<0.0200		0.0200	0.00840	mg/L		10/15/24 09:30	10/30/24 13:41	4
Selenium	<0.00500		0.00500	0.00140	mg/L		10/15/24 09:30	10/16/24 17:09	1
Silver	<0.00100		0.00100	0.000500	mg/L		10/15/24 09:30	10/16/24 17:09	1
Thallium	<0.00400		0.00400	0.00228	mg/L		10/15/24 09:30	10/29/24 17:17	4
Vanadium	<0.00500		0.00500	0.00110	mg/L		10/15/24 09:30	10/16/24 17:09	1
Zinc	<0.0200		0.0200	0.00970	mg/L		10/15/24 09:30	10/16/24 17:09	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids (USGS I-3765-85)	40.5		7.50	5.55	mg/L			10/16/24 15:09	1

Definitions/Glossary

Client: HDR Inc

Job ID: 310-292696-1

Project/Site: Metro Park EAST-Landfill Phase II

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

GC/MS Semi VOA

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Metals

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

General Chemistry

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Surrogate Summary

Client: HDR Inc
Project/Site: Metro Park EAST-Landfill Phase II

Job ID: 310-292696-1

Method: 8260D - Volatile Organic Compounds by GC/MS

Matrix: Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)		
		BFB (80-120)	DBFM (73-130)	TOL (80-120)
310-292696-1	MW-26	100	102	98
310-292696-1 MS	MW-26	98	100	99
310-292696-1 MSD	MW-26	99	101	99
310-292696-2	MW-67	99	102	97
310-292696-3	MW-B	100	102	98
310-292696-4	MW-C	99	103	97
310-292696-5	MW-E	99	102	97
310-292696-6	GU-3	99	102	97
310-292696-9	MW-37	98	102	97
310-292696-10	MW-66	100	102	97
310-292696-11	Dup-4	99	101	98
310-292696-12	Leachate	98	101	98
310-292696-13	TB-2	99	100	99
310-292696-14	GU-4	100	102	98
310-292696-15	GU-5	99	101	97
LCS 310-436593/6	Lab Control Sample	98	101	100
LCS 310-436593/7	Lab Control Sample	100	102	98
MB 310-436593/5	Method Blank	99	102	97

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)
DBFM = Dibromofluoromethane (Surr)
TOL = Toluene-d8 (Surr)

Method: 8270E - Semivolatile Organic Compounds (GC/MS)

Matrix: Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)					
		2FP (25-110)	PHL (21-110)	NBZ (45-129)	FBP (39-118)	TBP (27-136)	TPHL (12-144)
310-292696-12	Leachate	57	53	81	67	82	64
LCS 310-436607/2-A	Lab Control Sample	57	52	71	67	85	92
LCS 310-436607/3-A	Lab Control Sample Dup	61	54	76	76	94	104
MB 310-436607/1-A	Method Blank	58	49	79	70	81	95

Surrogate Legend

2FP = 2-Fluorophenol (Surr)
PHL = Phenol-d5 (Surr)
NBZ = Nitrobenzene-d5 (Surr)
FBP = 2-Fluorobiphenyl (Surr)
TBP = 2,4,6-Tribromophenol (Surr)
TPHL = Terphenyl-d14 (Surr)

Method: 8081B - Organochlorine Pesticides (GC)

Matrix: Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)	
		DCB1 (10-136)	TCX1 (10-130)
310-292696-12	Leachate	69	79
LB 310-435869/1-D	Method Blank	98	75

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Surrogate Summary

Client: HDR Inc

Job ID: 310-292696-1

Project/Site: Metro Park EAST-Landfill Phase II

Method: 8081B - Organochlorine Pesticides (GC) (Continued)

Matrix: Water

Prep Type: Total/NA

Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	DCB1 (10-136)	TCX1 (10-130)
LCS 310-436103/21-A	Lab Control Sample	105	71
MB 310-436103/1-A	Method Blank	122	79

Surrogate Legend

DCB = DCB Decachlorobiphenyl (Surr)

TCX = Tetrachloro-m-xylene (Surr)

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Matrix: Water

Prep Type: Total/NA

Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	DCB1 (10-136)	TCX1 (10-130)
310-292696-12	Leachate	69	79
LCS 310-436103/22-A	Lab Control Sample	96	50
MB 310-436103/1-A	Method Blank	122	79

Surrogate Legend

DCB = DCB Decachlorobiphenyl (Surr)

TCX = Tetrachloro-m-xylene (Surr)

QC Sample Results

Client: HDR Inc
 Project/Site: Metro Park EAST-Landfill Phase II

Job ID: 310-292696-1

Method: 8260D - Volatile Organic Compounds by GC/MS

Lab Sample ID: MB 310-436593/5
Matrix: Water
Analysis Batch: 436593

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Acetone	<10.0		10.0	3.10	ug/L			10/18/24 04:03	1
Acrylonitrile	<5.00		5.00	2.20	ug/L			10/18/24 04:03	1
Benzene	<0.500		0.500	0.220	ug/L			10/18/24 04:03	1
Bromochloromethane	<5.00		5.00	0.540	ug/L			10/18/24 04:03	1
Bromodichloromethane	<1.00		1.00	0.390	ug/L			10/18/24 04:03	1
Bromoform	<5.00		5.00	0.780	ug/L			10/18/24 04:03	1
Bromomethane	<4.00		4.00	1.10	ug/L			10/18/24 04:03	1
2-Butanone (MEK)	<10.0		10.0	2.10	ug/L			10/18/24 04:03	1
Carbon disulfide	<1.00		1.00	0.450	ug/L			10/18/24 04:03	1
Carbon tetrachloride	<2.00		2.00	0.650	ug/L			10/18/24 04:03	1
Chlorobenzene	<1.00		1.00	0.400	ug/L			10/18/24 04:03	1
Chlorodibromomethane	<5.00		5.00	0.750	ug/L			10/18/24 04:03	1
Chloroethane	<4.00		4.00	0.790	ug/L			10/18/24 04:03	1
Chloroform	<3.00		3.00	1.30	ug/L			10/18/24 04:03	1
Chloromethane	<3.00		3.00	0.610	ug/L			10/18/24 04:03	1
cis-1,2-Dichloroethene	<1.00		1.00	0.210	ug/L			10/18/24 04:03	1
cis-1,3-Dichloropropene	<5.00		5.00	0.250	ug/L			10/18/24 04:03	1
1,2-Dibromo-3-chloropropane	<5.00		5.00	1.20	ug/L			10/18/24 04:03	1
1,2-Dibromoethane (EDB)	<1.00		1.00	0.340	ug/L			10/18/24 04:03	1
Dibromomethane	<1.00		1.00	0.330	ug/L			10/18/24 04:03	1
1,2-Dichlorobenzene	<1.00		1.00	0.370	ug/L			10/18/24 04:03	1
1,4-Dichlorobenzene	<1.00		1.00	0.230	ug/L			10/18/24 04:03	1
1,1-Dichloroethane	<1.00		1.00	0.220	ug/L			10/18/24 04:03	1
1,2-Dichloroethane	<1.00		1.00	0.390	ug/L			10/18/24 04:03	1
1,1-Dichloroethene	<2.00		2.00	0.560	ug/L			10/18/24 04:03	1
1,2-Dichloropropane	<1.00		1.00	0.270	ug/L			10/18/24 04:03	1
Ethylbenzene	<1.00		1.00	0.310	ug/L			10/18/24 04:03	1
2-Hexanone	<10.0		10.0	2.00	ug/L			10/18/24 04:03	1
Iodomethane	<10.0		10.0	7.00	ug/L			10/18/24 04:03	1
Methylene chloride	<5.00		5.00	1.70	ug/L			10/18/24 04:03	1
4-Methyl-2-pentanone (MIBK)	<10.0		10.0	2.10	ug/L			10/18/24 04:03	1
Styrene	<1.00		1.00	0.370	ug/L			10/18/24 04:03	1
1,1,1,2-Tetrachloroethane	<1.00		1.00	0.380	ug/L			10/18/24 04:03	1
1,1,2,2-Tetrachloroethane	<1.00		1.00	0.470	ug/L			10/18/24 04:03	1
Tetrachloroethene	<1.00		1.00	0.480	ug/L			10/18/24 04:03	1
Toluene	<1.00		1.00	0.430	ug/L			10/18/24 04:03	1
trans-1,4-Dichloro-2-butene	<10.0		10.0	1.10	ug/L			10/18/24 04:03	1
trans-1,2-Dichloroethene	<1.00		1.00	0.270	ug/L			10/18/24 04:03	1
trans-1,3-Dichloropropene	<5.00		5.00	0.560	ug/L			10/18/24 04:03	1
1,1,1-Trichloroethane	<1.00		1.00	0.190	ug/L			10/18/24 04:03	1
1,1,2-Trichloroethane	<1.00		1.00	0.450	ug/L			10/18/24 04:03	1
Trichloroethene	<1.00		1.00	0.430	ug/L			10/18/24 04:03	1
Trichlorofluoromethane	<4.00		4.00	0.380	ug/L			10/18/24 04:03	1
1,2,3-Trichloropropane	<1.00		1.00	0.590	ug/L			10/18/24 04:03	1
Vinyl acetate	<10.0		10.0	2.50	ug/L			10/18/24 04:03	1
Vinyl chloride	<1.00		1.00	0.180	ug/L			10/18/24 04:03	1
Xylenes, Total	<3.00		3.00	0.400	ug/L			10/18/24 04:03	1

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QC Sample Results

Client: HDR Inc
Project/Site: Metro Park EAST-Landfill Phase II

Job ID: 310-292696-1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 310-436593/5
Matrix: Water
Analysis Batch: 436593

Client Sample ID: Method Blank
Prep Type: Total/NA

Surrogate	MB MB		Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
4-Bromofluorobenzene (Surr)	99		80 - 120		10/18/24 04:03	1
Dibromofluoromethane (Surr)	102		73 - 130		10/18/24 04:03	1
Toluene-d8 (Surr)	97		80 - 120		10/18/24 04:03	1

Lab Sample ID: LCS 310-436593/6
Matrix: Water
Analysis Batch: 436593

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Acrylonitrile	200	192.7		ug/L		96	50 - 150
Benzene	20.0	19.91		ug/L		100	72 - 124
Bromochloromethane	20.0	20.56		ug/L		103	73 - 130
Bromodichloromethane	20.0	19.99		ug/L		100	74 - 122
Bromoform	20.0	19.63		ug/L		98	61 - 122
2-Butanone (MEK)	40.0	37.28		ug/L		93	50 - 150
Carbon disulfide	20.0	18.76		ug/L		94	59 - 135
Carbon tetrachloride	20.0	20.57		ug/L		103	67 - 132
Chlorobenzene	20.0	20.33		ug/L		102	76 - 120
Chlorodibromomethane	20.0	20.19		ug/L		101	71 - 121
Chloroform	20.0	19.08		ug/L		95	72 - 125
cis-1,2-Dichloroethene	20.0	19.98		ug/L		100	74 - 123
cis-1,3-Dichloropropene	20.0	19.53		ug/L		98	71 - 125
1,2-Dibromo-3-chloropropane	20.0	19.13		ug/L		96	50 - 150
1,2-Dibromoethane (EDB)	20.0	20.43		ug/L		102	75 - 125
Dibromomethane	20.0	19.79		ug/L		99	74 - 125
1,2-Dichlorobenzene	20.0	20.35		ug/L		102	74 - 120
1,4-Dichlorobenzene	20.0	20.13		ug/L		101	72 - 120
1,1-Dichloroethane	20.0	19.59		ug/L		98	70 - 127
1,2-Dichloroethane	20.0	19.69		ug/L		98	71 - 125
1,1-Dichloroethene	20.0	19.53		ug/L		98	63 - 132
1,2-Dichloropropane	20.0	19.33		ug/L		97	73 - 124
Ethylbenzene	20.0	20.77		ug/L		104	74 - 122
2-Hexanone	40.0	38.72		ug/L		97	60 - 140
Iodomethane	20.0	11.59		ug/L		58	10 - 150
Methylene chloride	20.0	19.44		ug/L		97	50 - 150
4-Methyl-2-pentanone (MIBK)	40.0	39.34		ug/L		98	60 - 139
Styrene	20.0	21.04		ug/L		105	74 - 121
1,1,1,2-Tetrachloroethane	20.0	20.11		ug/L		101	71 - 120
1,1,2,2-Tetrachloroethane	20.0	19.99		ug/L		100	68 - 124
Tetrachloroethene	20.0	21.12		ug/L		106	71 - 130
Toluene	20.0	20.08		ug/L		100	74 - 123
trans-1,4-Dichloro-2-butene	20.0	17.85		ug/L		89	50 - 150
trans-1,2-Dichloroethene	20.0	19.95		ug/L		100	70 - 126
trans-1,3-Dichloropropene	20.0	19.14		ug/L		96	69 - 123
1,1,1-Trichloroethane	20.0	20.16		ug/L		101	73 - 129
1,1,2-Trichloroethane	20.0	20.16		ug/L		101	73 - 123
Trichloroethene	20.0	20.59		ug/L		103	72 - 126

Eurofins Cedar Falls

QC Sample Results

Client: HDR Inc
Project/Site: Metro Park EAST-Landfill Phase II

Job ID: 310-292696-1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 310-436593/6

Matrix: Water

Analysis Batch: 436593

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS	LCS	Unit	D	%Rec	%Rec Limits
		Result	Qualifier				
1,2,3-Trichloropropane	20.0	19.93		ug/L		100	65 - 127
Vinyl acetate	40.0	36.67		ug/L		92	50 - 150
Xylenes, Total	40.0	41.14		ug/L		103	73 - 123
Surrogate							
		LCS	LCS				
	%Recovery	Qualifier	Limits				
4-Bromofluorobenzene (Surr)	98		80 - 120				
Dibromofluoromethane (Surr)	101		73 - 130				
Toluene-d8 (Surr)	100		80 - 120				

Lab Sample ID: LCS 310-436593/7

Matrix: Water

Analysis Batch: 436593

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS	LCS	Unit	D	%Rec	%Rec Limits
		Result	Qualifier				
Bromomethane	20.0	15.14		ug/L		76	23 - 150
Chloroethane	20.0	18.77		ug/L		94	54 - 136
Chloromethane	20.0	18.93		ug/L		95	38 - 150
Trichlorofluoromethane	20.0	21.63		ug/L		108	54 - 149
Vinyl chloride	20.0	19.63		ug/L		98	56 - 140
Surrogate							
		LCS	LCS				
	%Recovery	Qualifier	Limits				
4-Bromofluorobenzene (Surr)	100		80 - 120				
Dibromofluoromethane (Surr)	102		73 - 130				
Toluene-d8 (Surr)	98		80 - 120				

Lab Sample ID: 310-292696-1 MS

Matrix: Water

Analysis Batch: 436593

Client Sample ID: MW-26

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS	MS	Unit	D	%Rec	%Rec Limits
				Result	Qualifier				
Acetone	<10.0		40.0	34.78		ug/L		87	31 - 150
Acrylonitrile	<5.00		200	172.9		ug/L		86	40 - 150
Benzene	<0.500		20.0	17.39		ug/L		87	46 - 130
Bromochloromethane	<5.00		20.0	18.72		ug/L		94	57 - 130
Bromodichloromethane	<1.00		20.0	17.78		ug/L		89	57 - 130
Bromoform	<5.00		20.0	16.82		ug/L		84	44 - 130
2-Butanone (MEK)	<10.0		40.0	31.32		ug/L		78	38 - 150
Carbon disulfide	<1.00		20.0	16.71		ug/L		84	38 - 135
Carbon tetrachloride	<2.00		20.0	16.45		ug/L		82	45 - 132
Chlorobenzene	<1.00		20.0	17.84		ug/L		89	59 - 130
Chlorodibromomethane	<5.00		20.0	17.53		ug/L		88	54 - 130
Chloroform	<3.00		20.0	16.93		ug/L		85	51 - 130
cis-1,2-Dichloroethene	<1.00		20.0	17.64		ug/L		88	45 - 130
cis-1,3-Dichloropropene	<5.00		20.0	16.61		ug/L		83	53 - 130
1,2-Dibromo-3-chloropropane	<5.00		20.0	16.50		ug/L		82	38 - 150
1,2-Dibromoethane (EDB)	<1.00		20.0	17.89		ug/L		89	60 - 130
Dibromomethane	<1.00		20.0	18.12		ug/L		91	59 - 130
1,2-Dichlorobenzene	<1.00		20.0	17.90		ug/L		89	59 - 130

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QC Sample Results

Client: HDR Inc
Project/Site: Metro Park EAST-Landfill Phase II

Job ID: 310-292696-1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 310-292696-1 MS

Client Sample ID: MW-26

Matrix: Water

Prep Type: Total/NA

Analysis Batch: 436593

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec
	Result	Qualifier	Added	Result	Qualifier				
1,4-Dichlorobenzene	<1.00		20.0	17.65		ug/L		88	57 - 130
1,1-Dichloroethane	<1.00		20.0	17.12		ug/L		86	49 - 130
1,2-Dichloroethane	<1.00		20.0	17.73		ug/L		89	51 - 130
1,1-Dichloroethene	<2.00		20.0	16.43		ug/L		82	37 - 132
1,2-Dichloropropane	<1.00		20.0	17.04		ug/L		85	57 - 130
Ethylbenzene	<1.00		20.0	17.67		ug/L		88	45 - 130
2-Hexanone	<10.0		40.0	33.56		ug/L		84	46 - 140
Iodomethane	<10.0		20.0	11.24		ug/L		56	10 - 150
Methylene chloride	<5.00		20.0	17.31		ug/L		87	37 - 150
4-Methyl-2-pentanone (MIBK)	<10.0		40.0	34.62		ug/L		87	47 - 139
Styrene	<1.00		20.0	18.34		ug/L		92	47 - 130
1,1,1,2-Tetrachloroethane	<1.00		20.0	17.46		ug/L		87	55 - 130
1,1,2,2-Tetrachloroethane	<1.00		20.0	17.56		ug/L		88	54 - 130
Tetrachloroethene	<1.00		20.0	17.06		ug/L		85	47 - 130
Toluene	<1.00		20.0	17.30		ug/L		86	51 - 130
trans-1,4-Dichloro-2-butene	<10.0		20.0	16.19		ug/L		81	26 - 150
trans-1,2-Dichloroethene	<1.00		20.0	17.37		ug/L		87	48 - 130
trans-1,3-Dichloropropene	<5.00		20.0	16.41		ug/L		82	50 - 130
1,1,1-Trichloroethane	<1.00		20.0	16.69		ug/L		83	52 - 130
1,1,2-Trichloroethane	<1.00		20.0	17.64		ug/L		88	58 - 130
Trichloroethene	<1.00		20.0	17.48		ug/L		87	51 - 130
1,2,3-Trichloropropane	<1.00		20.0	17.47		ug/L		87	49 - 130
Vinyl acetate	<10.0		40.0	31.10		ug/L		78	29 - 150
Xylenes, Total	<3.00		40.0	35.45		ug/L		89	43 - 130

Surrogate	MS	MS	Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene (Surr)	98		80 - 120
Dibromofluoromethane (Surr)	100		73 - 130
Toluene-d8 (Surr)	99		80 - 120

Lab Sample ID: 310-292696-1 MSD

Client Sample ID: MW-26

Matrix: Water

Prep Type: Total/NA

Analysis Batch: 436593

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec	RPD	RPD
	Result	Qualifier	Added	Result	Qualifier						
Acetone	<10.0		40.0	34.70		ug/L		87	31 - 150	0	29
Acrylonitrile	<5.00		200	173.7		ug/L		87	40 - 150	0	20
Benzene	<0.500		20.0	17.11		ug/L		86	46 - 130	2	20
Bromochloromethane	<5.00		20.0	18.40		ug/L		92	57 - 130	2	20
Bromodichloromethane	<1.00		20.0	17.57		ug/L		88	57 - 130	1	20
Bromoform	<5.00		20.0	17.21		ug/L		86	44 - 130	2	20
2-Butanone (MEK)	<10.0		40.0	34.82		ug/L		87	38 - 150	11	20
Carbon disulfide	<1.00		20.0	15.52		ug/L		78	38 - 135	7	30
Carbon tetrachloride	<2.00		20.0	16.13		ug/L		81	45 - 132	2	20
Chlorobenzene	<1.00		20.0	17.60		ug/L		88	59 - 130	1	20
Chlorodibromomethane	<5.00		20.0	17.37		ug/L		87	54 - 130	1	20
Chloroform	<3.00		20.0	16.85		ug/L		84	51 - 130	0	20
cis-1,2-Dichloroethene	<1.00		20.0	17.56		ug/L		88	45 - 130	0	20

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QC Sample Results

Client: HDR Inc
Project/Site: Metro Park EAST-Landfill Phase II

Job ID: 310-292696-1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 310-292696-1 MSD
Matrix: Water
Analysis Batch: 436593

Client Sample ID: MW-26
Prep Type: Total/NA

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec	RPD	RPD
	Result	Qualifier	Added	Result	Qualifier				Limits		Limit
cis-1,3-Dichloropropene	<5.00		20.0	16.56		ug/L		83	53 - 130	0	20
1,2-Dibromo-3-chloropropane	<5.00		20.0	16.65		ug/L		83	38 - 150	1	20
1,2-Dibromoethane (EDB)	<1.00		20.0	18.02		ug/L		90	60 - 130	1	20
Dibromomethane	<1.00		20.0	17.73		ug/L		89	59 - 130	2	20
1,2-Dichlorobenzene	<1.00		20.0	18.11		ug/L		91	59 - 130	1	20
1,4-Dichlorobenzene	<1.00		20.0	17.85		ug/L		89	57 - 130	1	20
1,1-Dichloroethane	<1.00		20.0	17.07		ug/L		85	49 - 130	0	20
1,2-Dichloroethane	<1.00		20.0	17.59		ug/L		88	51 - 130	1	20
1,1-Dichloroethene	<2.00		20.0	16.10		ug/L		80	37 - 132	2	26
1,2-Dichloropropane	<1.00		20.0	16.95		ug/L		85	57 - 130	1	20
Ethylbenzene	<1.00		20.0	17.56		ug/L		88	45 - 130	1	20
2-Hexanone	<10.0		40.0	33.76		ug/L		84	46 - 140	1	20
Iodomethane	<10.0		20.0	12.48		ug/L		62	10 - 150	10	35
Methylene chloride	<5.00		20.0	17.16		ug/L		86	37 - 150	1	24
4-Methyl-2-pentanone (MIBK)	<10.0		40.0	34.74		ug/L		87	47 - 139	0	20
Styrene	<1.00		20.0	18.33		ug/L		92	47 - 130	0	20
1,1,1,2-Tetrachloroethane	<1.00		20.0	17.47		ug/L		87	55 - 130	0	20
1,1,1,2-Tetrachloroethane	<1.00		20.0	17.51		ug/L		88	54 - 130	0	20
Tetrachloroethene	<1.00		20.0	16.79		ug/L		84	47 - 130	2	20
Toluene	<1.00		20.0	17.16		ug/L		86	51 - 130	1	20
trans-1,4-Dichloro-2-butene	<10.0		20.0	15.11		ug/L		76	26 - 150	7	23
trans-1,2-Dichloroethene	<1.00		20.0	17.02		ug/L		85	48 - 130	2	22
trans-1,3-Dichloropropene	<5.00		20.0	16.34		ug/L		82	50 - 130	0	20
1,1,1-Trichloroethane	<1.00		20.0	16.55		ug/L		83	52 - 130	1	20
1,1,2-Trichloroethane	<1.00		20.0	17.89		ug/L		89	58 - 130	1	20
Trichloroethene	<1.00		20.0	17.02		ug/L		85	51 - 130	3	20
1,2,3-Trichloropropane	<1.00		20.0	17.63		ug/L		88	49 - 130	1	26
Vinyl acetate	<10.0		40.0	31.46		ug/L		79	29 - 150	1	23
Xylenes, Total	<3.00		40.0	35.54		ug/L		89	43 - 130	0	20

Surrogate	MSD	MSD	Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene (Surr)	99		80 - 120
Dibromofluoromethane (Surr)	101		73 - 130
Toluene-d8 (Surr)	99		80 - 120

Method: 8270E - Semivolatile Organic Compounds (GC/MS)

Lab Sample ID: MB 310-436607/1-A
Matrix: Water
Analysis Batch: 436778

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 436607

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
1,2,4,5-Tetrachlorobenzene	<10.0		10.0	0.540	ug/L		10/17/24 11:57	10/18/24 13:46	1
1,3,5-Trinitrobenzene	<10.0		10.0	2.30	ug/L		10/17/24 11:57	10/18/24 13:46	1
1,3-Dinitrobenzene	<10.0		10.0	3.20	ug/L		10/17/24 11:57	10/18/24 13:46	1
1,4-Naphthoquinone	<10.0		10.0	3.60	ug/L		10/17/24 11:57	10/18/24 13:46	1
1,4-Phenylenediamine	<10.0		10.0	1.90	ug/L		10/17/24 11:57	10/18/24 13:46	1
1-Naphthylamine	<10.0		10.0	2.50	ug/L		10/17/24 11:57	10/18/24 13:46	1
2,3,4,6-Tetrachlorophenol	<10.0		10.0	5.30	ug/L		10/17/24 11:57	10/18/24 13:46	1

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QC Sample Results

Client: HDR Inc
 Project/Site: Metro Park EAST-Landfill Phase II

Job ID: 310-292696-1

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 310-436607/1-A

Matrix: Water

Analysis Batch: 436778

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 436607

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
2,4,5-Trichlorophenol	<10.0		10.0	5.30	ug/L		10/17/24 11:57	10/18/24 13:46	1
2,4,6-Trichlorophenol	<10.0		10.0	5.00	ug/L		10/17/24 11:57	10/18/24 13:46	1
2,4-Dichlorophenol	<10.0		10.0	0.850	ug/L		10/17/24 11:57	10/18/24 13:46	1
2,4-Dimethylphenol	<10.0		10.0	0.580	ug/L		10/17/24 11:57	10/18/24 13:46	1
2,4-Dinitrophenol	<20.0		20.0	13.0	ug/L		10/17/24 11:57	10/18/24 13:46	1
2,4-Dinitrotoluene	<10.0		10.0	6.40	ug/L		10/17/24 11:57	10/18/24 13:46	1
2,6-Dichlorophenol	<10.0		10.0	0.690	ug/L		10/17/24 11:57	10/18/24 13:46	1
2,6-Dinitrotoluene	<10.0		10.0	0.520	ug/L		10/17/24 11:57	10/18/24 13:46	1
2-Acetylaminofluorene	<10.0		10.0	2.70	ug/L		10/17/24 11:57	10/18/24 13:46	1
2-Chloronaphthalene	<10.0		10.0	0.640	ug/L		10/17/24 11:57	10/18/24 13:46	1
2-Chlorophenol	<10.0		10.0	0.540	ug/L		10/17/24 11:57	10/18/24 13:46	1
2-Methylnaphthalene	<10.0		10.0	0.590	ug/L		10/17/24 11:57	10/18/24 13:46	1
2-Methylphenol	<10.0		10.0	0.650	ug/L		10/17/24 11:57	10/18/24 13:46	1
2-Naphthylamine	<10.0		10.0	2.10	ug/L		10/17/24 11:57	10/18/24 13:46	1
2-Nitroaniline	<10.0		10.0	5.90	ug/L		10/17/24 11:57	10/18/24 13:46	1
2-Nitrophenol	<10.0		10.0	6.80	ug/L		10/17/24 11:57	10/18/24 13:46	1
3,3'-Dichlorobenzidine	<10.0		10.0	1.40	ug/L		10/17/24 11:57	10/18/24 13:46	1
3,3'-Dimethylbenzidine	<10.0		10.0	1.50	ug/L		10/17/24 11:57	10/18/24 13:46	1
3-Methylcholanthrene	<10.0		10.0	0.320	ug/L		10/17/24 11:57	10/18/24 13:46	1
3-Nitroaniline	<10.0		10.0	2.70	ug/L		10/17/24 11:57	10/18/24 13:46	1
4,6-Dinitro-2-methylphenol	<10.0		10.0	6.90	ug/L		10/17/24 11:57	10/18/24 13:46	1
4-Aminobiphenyl	<10.0		10.0	2.20	ug/L		10/17/24 11:57	10/18/24 13:46	1
4-Bromophenyl phenyl ether	<10.0		10.0	0.700	ug/L		10/17/24 11:57	10/18/24 13:46	1
4-Chloro-3-methylphenol	<10.0		10.0	0.840	ug/L		10/17/24 11:57	10/18/24 13:46	1
4-Chloroaniline	<10.0		10.0	0.620	ug/L		10/17/24 11:57	10/18/24 13:46	1
4-Chlorophenyl phenyl ether	<10.0		10.0	0.690	ug/L		10/17/24 11:57	10/18/24 13:46	1
4-Methylphenol (and/or 3-Methylphenol)	<10.0		10.0	0.700	ug/L		10/17/24 11:57	10/18/24 13:46	1
4-Nitroaniline	<10.0		10.0	1.30	ug/L		10/17/24 11:57	10/18/24 13:46	1
4-Nitrophenol	<10.0		10.0	7.60	ug/L		10/17/24 11:57	10/18/24 13:46	1
5-Nitro-o-toluidine	<10.0		10.0	2.80	ug/L		10/17/24 11:57	10/18/24 13:46	1
7,12-Dimethylbenz(a)anthracene	<10.0		10.0	1.90	ug/L		10/17/24 11:57	10/18/24 13:46	1
Acenaphthene	<10.0		10.0	0.640	ug/L		10/17/24 11:57	10/18/24 13:46	1
Acenaphthylene	<10.0		10.0	0.720	ug/L		10/17/24 11:57	10/18/24 13:46	1
Acetophenone	<10.0		10.0	0.690	ug/L		10/17/24 11:57	10/18/24 13:46	1
Anthracene	<10.0		10.0	0.870	ug/L		10/17/24 11:57	10/18/24 13:46	1
Benzo(a)anthracene	<10.0		10.0	0.850	ug/L		10/17/24 11:57	10/18/24 13:46	1
Benzo(a)pyrene	<10.0		10.0	8.10	ug/L		10/17/24 11:57	10/18/24 13:46	1
Benzo(b)fluoranthene	<10.0		10.0	4.90	ug/L		10/17/24 11:57	10/18/24 13:46	1
Benzo(g,h,i)perylene	<10.0		10.0	6.30	ug/L		10/17/24 11:57	10/18/24 13:46	1
Benzo(k)fluoranthene	<10.0		10.0	2.20	ug/L		10/17/24 11:57	10/18/24 13:46	1
Benzyl alcohol	<10.0		10.0	1.30	ug/L		10/17/24 11:57	10/18/24 13:46	1
Bis(2-chloroethoxy)methane	<10.0		10.0	0.760	ug/L		10/17/24 11:57	10/18/24 13:46	1
Bis(2-chloroethyl)ether	<10.0		10.0	0.820	ug/L		10/17/24 11:57	10/18/24 13:46	1
bis(2-chloroisopropyl) ether	<10.0		10.0	0.540	ug/L		10/17/24 11:57	10/18/24 13:46	1
Bis(2-ethylhexyl) phthalate	<10.0		10.0	5.50	ug/L		10/17/24 11:57	10/18/24 13:46	1
Butyl benzyl phthalate	<10.0		10.0	5.40	ug/L		10/17/24 11:57	10/18/24 13:46	1
Chlorobenzilate	<10.0		10.0	3.60	ug/L		10/17/24 11:57	10/18/24 13:46	1
Chrysene	<10.0		10.0	0.870	ug/L		10/17/24 11:57	10/18/24 13:46	1

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QC Sample Results

Client: HDR Inc
Project/Site: Metro Park EAST-Landfill Phase II

Job ID: 310-292696-1

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 310-436607/1-A

Matrix: Water

Analysis Batch: 436778

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 436607

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Diallate	<10.0		10.0	4.00	ug/L		10/17/24 11:57	10/18/24 13:46	1
Dibenz(a,h)anthracene	<10.0		10.0	3.90	ug/L		10/17/24 11:57	10/18/24 13:46	1
Dibenzofuran	<10.0		10.0	0.740	ug/L		10/17/24 11:57	10/18/24 13:46	1
Diethyl phthalate	<10.0		10.0	1.70	ug/L		10/17/24 11:57	10/18/24 13:46	1
Dimethoate	<10.0		10.0	3.60	ug/L		10/17/24 11:57	10/18/24 13:46	1
Dimethyl phthalate	<10.0		10.0	1.00	ug/L		10/17/24 11:57	10/18/24 13:46	1
Di-n-butyl phthalate	<10.0		10.0	5.60	ug/L		10/17/24 11:57	10/18/24 13:46	1
Di-n-octyl phthalate	<20.0		20.0	7.00	ug/L		10/17/24 11:57	10/18/24 13:46	1
Diphenylamine	<10.0		10.0	6.00	ug/L		10/17/24 11:57	10/18/24 13:46	1
Disulfoton	<10.0		10.0	2.40	ug/L		10/17/24 11:57	10/18/24 13:46	1
Ethyl methanesulfonate	<10.0		10.0	3.60	ug/L		10/17/24 11:57	10/18/24 13:46	1
Ethyl parathion	<10.0		10.0	2.20	ug/L		10/17/24 11:57	10/18/24 13:46	1
Famphur	<10.0		10.0	3.80	ug/L		10/17/24 11:57	10/18/24 13:46	1
Fluoranthene	<10.0		10.0	1.70	ug/L		10/17/24 11:57	10/18/24 13:46	1
Fluorene	<10.0		10.0	0.790	ug/L		10/17/24 11:57	10/18/24 13:46	1
Hexachlorobenzene	<10.0		10.0	0.700	ug/L		10/17/24 11:57	10/18/24 13:46	1
Hexachlorobutadiene	<10.0		10.0	0.860	ug/L		10/17/24 11:57	10/18/24 13:46	1
Hexachlorocyclopentadiene	<10.0		10.0	5.10	ug/L		10/17/24 11:57	10/18/24 13:46	1
Hexachloroethane	<10.0		10.0	0.970	ug/L		10/17/24 11:57	10/18/24 13:46	1
Hexachloropropene	<10.0		10.0	2.60	ug/L		10/17/24 11:57	10/18/24 13:46	1
Indeno(1,2,3-cd)pyrene	<10.0		10.0	4.20	ug/L		10/17/24 11:57	10/18/24 13:46	1
Isodrin	<10.0		10.0	4.70	ug/L		10/17/24 11:57	10/18/24 13:46	1
Isophorone	<10.0		10.0	0.930	ug/L		10/17/24 11:57	10/18/24 13:46	1
Isosafrole	<10.0		10.0	2.30	ug/L		10/17/24 11:57	10/18/24 13:46	1
Kepone	<10.0		10.0	1.00	ug/L		10/17/24 11:57	10/18/24 13:46	1
Methapyrilene	<10.0		10.0	0.760	ug/L		10/17/24 11:57	10/18/24 13:46	1
Methyl methanesulfonate	<10.0		10.0	3.30	ug/L		10/17/24 11:57	10/18/24 13:46	1
Methyl parathion	<10.0		10.0	2.30	ug/L		10/17/24 11:57	10/18/24 13:46	1
Nitrobenzene	<10.0		10.0	0.800	ug/L		10/17/24 11:57	10/18/24 13:46	1
N-Nitrosodiethylamine	<10.0		10.0	3.40	ug/L		10/17/24 11:57	10/18/24 13:46	1
N-Nitrosodimethylamine	<10.0		10.0	0.720	ug/L		10/17/24 11:57	10/18/24 13:46	1
N-Nitrosodi-n-butylamine	<10.0		10.0	3.90	ug/L		10/17/24 11:57	10/18/24 13:46	1
N-Nitrosodi-n-propylamine	<10.0		10.0	0.920	ug/L		10/17/24 11:57	10/18/24 13:46	1
N-Nitrosodiphenylamine	<10.0		10.0	0.750	ug/L		10/17/24 11:57	10/18/24 13:46	1
N-Nitrosomethylethylamine	<10.0		10.0	4.90	ug/L		10/17/24 11:57	10/18/24 13:46	1
N-Nitrosopiperidine	<10.0		10.0	2.70	ug/L		10/17/24 11:57	10/18/24 13:46	1
N-Nitrosopyrrolidine	<10.0		10.0	3.60	ug/L		10/17/24 11:57	10/18/24 13:46	1
o,o',o"-Triethylphosphorothioate	<10.0		10.0	3.20	ug/L		10/17/24 11:57	10/18/24 13:46	1
o-Toluidine	<10.0		10.0	2.90	ug/L		10/17/24 11:57	10/18/24 13:46	1
p-Dimethylamino azobenzene	<10.0		10.0	2.20	ug/L		10/17/24 11:57	10/18/24 13:46	1
Pentachlorobenzene	<10.0		10.0	2.80	ug/L		10/17/24 11:57	10/18/24 13:46	1
Pentachloronitrobenzene	<10.0		10.0	5.80	ug/L		10/17/24 11:57	10/18/24 13:46	1
Pentachlorophenol	<10.0		10.0	9.60	ug/L		10/17/24 11:57	10/18/24 13:46	1
Phenacetin	<10.0		10.0	1.90	ug/L		10/17/24 11:57	10/18/24 13:46	1
Phenanthrene	<10.0		10.0	0.790	ug/L		10/17/24 11:57	10/18/24 13:46	1
Phenol	<10.0		10.0	1.10	ug/L		10/17/24 11:57	10/18/24 13:46	1
Phorate	<10.0		10.0	3.20	ug/L		10/17/24 11:57	10/18/24 13:46	1
Pronamide	<10.0		10.0	2.70	ug/L		10/17/24 11:57	10/18/24 13:46	1
Pyrene	<10.0		10.0	0.790	ug/L		10/17/24 11:57	10/18/24 13:46	1

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QC Sample Results

Client: HDR Inc
Project/Site: Metro Park EAST-Landfill Phase II

Job ID: 310-292696-1

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 310-436607/1-A
Matrix: Water
Analysis Batch: 436778

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 436607

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Safrole	<10.0		10.0	2.80	ug/L		10/17/24 11:57	10/18/24 13:46	1
Thionazin	<10.0		10.0	3.50	ug/L		10/17/24 11:57	10/18/24 13:46	1

Surrogate	MB	MB	Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
2-Fluorophenol (Surr)	58		25 - 110	10/17/24 11:57	10/18/24 13:46	1
Phenol-d5 (Surr)	49		21 - 110	10/17/24 11:57	10/18/24 13:46	1
Nitrobenzene-d5 (Surr)	79		45 - 129	10/17/24 11:57	10/18/24 13:46	1
2-Fluorobiphenyl (Surr)	70		39 - 118	10/17/24 11:57	10/18/24 13:46	1
2,4,6-Tribromophenol (Surr)	81		27 - 136	10/17/24 11:57	10/18/24 13:46	1
Terphenyl-d14 (Surr)	95		12 - 144	10/17/24 11:57	10/18/24 13:46	1

Lab Sample ID: LCS 310-436607/2-A
Matrix: Water
Analysis Batch: 436778

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 436607

Analyte	Spike Added	LCS	LCS	Unit	D	%Rec	%Rec Limits
		Result	Qualifier				
1,2,4,5-Tetrachlorobenzene	100	66.19		ug/L		66	36 - 110
1,3-Dinitrobenzene	100	68.68		ug/L		69	45 - 138
2,3,4,6-Tetrachlorophenol	100	72.19		ug/L		72	33 - 134
2,4,5-Trichlorophenol	100	75.71		ug/L		76	35 - 133
2,4,6-Trichlorophenol	100	73.24		ug/L		73	28 - 139
2,4-Dichlorophenol	100	82.74		ug/L		83	41 - 124
2,4-Dimethylphenol	100	60.45		ug/L		60	31 - 142
2,4-Dinitrophenol	200	110.8		ug/L		55	10 - 138
2,4-Dinitrotoluene	100	79.76		ug/L		80	47 - 137
2,6-Dichlorophenol	100	71.36		ug/L		71	30 - 130
2,6-Dinitrotoluene	100	75.80		ug/L		76	51 - 130
2-Chloronaphthalene	100	53.70		ug/L		54	37 - 110
2-Chlorophenol	100	73.61		ug/L		74	44 - 117
2-Methylnaphthalene	100	55.37		ug/L		55	33 - 110
2-Methylphenol	100	72.73		ug/L		73	47 - 118
2-Nitroaniline	100	71.64		ug/L		72	50 - 135
2-Nitrophenol	100	81.13		ug/L		81	41 - 129
3-Nitroaniline	100	75.08		ug/L		75	42 - 139
4,6-Dinitro-2-methylphenol	200	146.1		ug/L		73	22 - 143
4-Bromophenyl phenyl ether	100	73.70		ug/L		74	45 - 119
4-Chloro-3-methylphenol	100	84.76		ug/L		85	49 - 130
4-Chloroaniline	100	55.68		ug/L		56	21 - 139
4-Chlorophenyl phenyl ether	100	67.50		ug/L		67	44 - 116
4-Methylphenol (and/or 3-Methylphenol)	100	71.96		ug/L		72	46 - 117
4-Nitroaniline	100	65.51		ug/L		66	31 - 145
4-Nitrophenol	200	114.0		ug/L		57	18 - 110
Acenaphthene	100	67.47		ug/L		67	43 - 110
Acenaphthylene	100	64.00		ug/L		64	40 - 110
Acetophenone	100	72.54		ug/L		73	48 - 119
Anthracene	100	78.92		ug/L		79	51 - 120
Benzo(a)anthracene	100	72.25		ug/L		72	51 - 123
Benzo(a)pyrene	100	73.40		ug/L		73	48 - 125

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QC Sample Results

Client: HDR Inc
Project/Site: Metro Park EAST-Landfill Phase II

Job ID: 310-292696-1

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 310-436607/2-A
Matrix: Water
Analysis Batch: 436778

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 436607

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec	
							Limits	
Benzo(b)fluoranthene	100	72.27		ug/L		72	49 - 129	
Benzo(g,h,i)perylene	100	63.44		ug/L		63	43 - 139	
Benzo(k)fluoranthene	100	77.88		ug/L		78	47 - 130	
Benzyl alcohol	100	65.62		ug/L		66	39 - 128	
Bis(2-chloroethoxy)methane	100	64.21		ug/L		64	48 - 121	
Bis(2-chloroethyl)ether	100	60.20		ug/L		60	43 - 123	
bis(2-chloroisopropyl) ether	100	64.44		ug/L		64	34 - 123	
Bis(2-ethylhexyl) phthalate	100	80.50		ug/L		81	43 - 143	
Butyl benzyl phthalate	100	71.74		ug/L		72	46 - 135	
Chrysene	100	76.08		ug/L		76	51 - 125	
Dibenz(a,h)anthracene	100	59.43		ug/L		59	38 - 149	
Dibenzofuran	100	68.03		ug/L		68	45 - 112	
Diethyl phthalate	100	73.50		ug/L		74	43 - 135	
Dimethyl phthalate	100	72.53		ug/L		73	43 - 129	
Di-n-butyl phthalate	100	76.16		ug/L		76	50 - 133	
Di-n-octyl phthalate	100	63.74		ug/L		64	34 - 150	
Diphenylamine	85.0	54.81		ug/L		64	48 - 122	
Fluoranthene	100	76.40		ug/L		76	47 - 128	
Fluorene	100	69.80		ug/L		70	45 - 119	
Hexachlorobenzene	100	77.07		ug/L		77	48 - 119	
Hexachlorobutadiene	100	65.89		ug/L		66	32 - 110	
Hexachlorocyclopentadiene	100	45.25		ug/L		45	10 - 110	
Hexachloroethane	100	50.13		ug/L		50	31 - 110	
Indeno(1,2,3-cd)pyrene	100	59.90		ug/L		60	37 - 150	
Isophorone	100	71.92		ug/L		72	50 - 125	
Nitrobenzene	100	62.06		ug/L		62	47 - 116	
N-Nitrosodimethylamine	100	61.90		ug/L		62	37 - 110	
N-Nitrosodi-n-propylamine	100	68.73		ug/L		69	45 - 130	
N-Nitrosodiphenylamine	100	64.64		ug/L		65	49 - 121	
Pentachlorophenol	200	135.3		ug/L		68	26 - 133	
Phenanthrene	100	78.15		ug/L		78	51 - 117	
Phenol	100	45.40		ug/L		45	29 - 110	
Pyrene	100	78.50		ug/L		79	48 - 127	

Surrogate	LCS LCS		Limits
	%Recovery	Qualifier	
2-Fluorophenol (Surr)	57		25 - 110
Phenol-d5 (Surr)	52		21 - 110
Nitrobenzene-d5 (Surr)	71		45 - 129
2-Fluorobiphenyl (Surr)	67		39 - 118
2,4,6-Tribromophenol (Surr)	85		27 - 136
Terphenyl-d14 (Surr)	92		12 - 144

Lab Sample ID: LCSD 310-436607/3-A
Matrix: Water
Analysis Batch: 436778

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 436607

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec		RPD	
							Limits		RPD	Limit
1,2,4,5-Tetrachlorobenzene	100	72.22		ug/L		72	36 - 110	9	35	

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QC Sample Results

Client: HDR Inc

Job ID: 310-292696-1

Project/Site: Metro Park EAST-Landfill Phase II

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 310-436607/3-A

Client Sample ID: Lab Control Sample Dup

Matrix: Water

Prep Type: Total/NA

Analysis Batch: 436778

Prep Batch: 436607

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec		RPD	Limit
							Limits	RPD		
1,3-Dinitrobenzene	100	84.68		ug/L		85	45 - 138	21	35	
2,3,4,6-Tetrachlorophenol	100	84.83		ug/L		85	33 - 134	16	35	
2,4,5-Trichlorophenol	100	90.98		ug/L		91	35 - 133	18	35	
2,4,6-Trichlorophenol	100	82.45		ug/L		82	28 - 139	12	35	
2,4-Dichlorophenol	100	98.67		ug/L		99	41 - 124	18	35	
2,4-Dimethylphenol	100	80.01		ug/L		80	31 - 142	28	35	
2,4-Dinitrophenol	200	151.5		ug/L		76	10 - 138	31	35	
2,4-Dinitrotoluene	100	94.38		ug/L		94	47 - 137	17	35	
2,6-Dichlorophenol	100	83.47		ug/L		83	30 - 130	16	35	
2,6-Dinitrotoluene	100	90.66		ug/L		91	51 - 130	18	35	
2-Chloronaphthalene	100	58.88		ug/L		59	37 - 110	9	35	
2-Chlorophenol	100	84.25		ug/L		84	44 - 117	13	35	
2-Methylnaphthalene	100	61.84		ug/L		62	33 - 110	11	35	
2-Methylphenol	100	80.33		ug/L		80	47 - 118	10	35	
2-Nitroaniline	100	83.25		ug/L		83	50 - 135	15	35	
2-Nitrophenol	100	89.30		ug/L		89	41 - 129	10	35	
3-Nitroaniline	100	88.25		ug/L		88	42 - 139	16	35	
4,6-Dinitro-2-methylphenol	200	187.9		ug/L		94	22 - 143	25	35	
4-Bromophenyl phenyl ether	100	82.71		ug/L		83	45 - 119	12	35	
4-Chloro-3-methylphenol	100	98.18		ug/L		98	49 - 130	15	35	
4-Chloroaniline	100	74.09		ug/L		74	21 - 139	28	35	
4-Chlorophenyl phenyl ether	100	75.65		ug/L		76	44 - 116	11	35	
4-Methylphenol (and/or 3-Methylphenol)	100	82.26		ug/L		82	46 - 117	13	35	
4-Nitroaniline	100	78.14		ug/L		78	31 - 145	18	35	
4-Nitrophenol	200	132.0		ug/L		66	18 - 110	15	35	
Acenaphthene	100	75.53		ug/L		76	43 - 110	11	35	
Acenaphthylene	100	71.92		ug/L		72	40 - 110	12	35	
Acetophenone	100	81.40		ug/L		81	48 - 119	12	35	
Anthracene	100	89.23		ug/L		89	51 - 120	12	35	
Benzo(a)anthracene	100	85.32		ug/L		85	51 - 123	17	35	
Benzo(a)pyrene	100	85.97		ug/L		86	48 - 125	16	35	
Benzo(b)fluoranthene	100	85.16		ug/L		85	49 - 129	16	35	
Benzo(g,h,i)perylene	100	75.36		ug/L		75	43 - 139	17	35	
Benzo(k)fluoranthene	100	92.57		ug/L		93	47 - 130	17	35	
Benzyl alcohol	100	74.14		ug/L		74	39 - 128	12	35	
Bis(2-chloroethoxy)methane	100	76.39		ug/L		76	48 - 121	17	35	
Bis(2-chloroethyl)ether	100	69.58		ug/L		70	43 - 123	14	35	
bis(2-chloroisopropyl) ether	100	71.93		ug/L		72	34 - 123	11	35	
Bis(2-ethylhexyl) phthalate	100	91.96		ug/L		92	43 - 143	13	35	
Butyl benzyl phthalate	100	87.09		ug/L		87	46 - 135	19	35	
Chrysene	100	88.50		ug/L		88	51 - 125	15	35	
Dibenz(a,h)anthracene	100	74.66		ug/L		75	38 - 149	23	35	
Dibenzofuran	100	75.93		ug/L		76	45 - 112	11	35	
Diethyl phthalate	100	86.84		ug/L		87	43 - 135	17	35	
Dimethyl phthalate	100	84.63		ug/L		85	43 - 129	15	35	
Di-n-butyl phthalate	100	88.15		ug/L		88	50 - 133	15	35	
Di-n-octyl phthalate	100	74.46		ug/L		74	34 - 150	16	35	
Diphenylamine	85.0	68.09		ug/L		80	48 - 122	22	35	

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QC Sample Results

Client: HDR Inc
Project/Site: Metro Park EAST-Landfill Phase II

Job ID: 310-292696-1

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 310-436607/3-A

Matrix: Water

Analysis Batch: 436778

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 436607

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec		RPD	Limit
							Limits	RPD		
Fluoranthene	100	88.47		ug/L		88	47 - 128	15	35	
Fluorene	100	79.68		ug/L		80	45 - 119	13	35	
Hexachlorobenzene	100	85.13		ug/L		85	48 - 119	10	35	
Hexachlorobutadiene	100	71.36		ug/L		71	32 - 110	8	35	
Hexachlorocyclopentadiene	100	47.68		ug/L		48	10 - 110	5	35	
Hexachloroethane	100	54.40		ug/L		54	31 - 110	8	35	
Indeno(1,2,3-cd)pyrene	100	69.49		ug/L		69	37 - 150	15	35	
Isophorone	100	84.84		ug/L		85	50 - 125	16	35	
Nitrobenzene	100	69.36		ug/L		69	47 - 116	11	35	
N-Nitrosodimethylamine	100	67.29		ug/L		67	37 - 110	8	35	
N-Nitrosodi-n-propylamine	100	78.87		ug/L		79	45 - 130	14	35	
N-Nitrosodiphenylamine	100	82.28		ug/L		82	49 - 121	24	35	
Pentachlorophenol	200	161.6		ug/L		81	26 - 133	18	35	
Phenanthrene	100	88.77		ug/L		89	51 - 117	13	35	
Phenol	100	49.97		ug/L		50	29 - 110	10	35	
Pyrene	100	93.37		ug/L		93	48 - 127	17	35	

Surrogate	LCSD LCSD		Limits
	%Recovery	Qualifier	
2-Fluorophenol (Surr)	61		25 - 110
Phenol-d5 (Surr)	54		21 - 110
Nitrobenzene-d5 (Surr)	76		45 - 129
2-Fluorobiphenyl (Surr)	76		39 - 118
2,4,6-Tribromophenol (Surr)	94		27 - 136
Terphenyl-d14 (Surr)	104		12 - 144

Method: 8081B - Organochlorine Pesticides (GC)

Lab Sample ID: LB 310-435869/1-D

Matrix: Water

Analysis Batch: 436243

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 436103

Analyte	LB LB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Aldrin	<0.0962		0.0962	0.0212	ug/L		10/14/24 09:17	10/15/24 15:59	1
alpha-BHC	<0.0962		0.0962	0.00962	ug/L		10/14/24 09:17	10/15/24 15:59	1
beta-BHC	<0.0962		0.0962	0.0404	ug/L		10/14/24 09:17	10/15/24 15:59	1
gamma-BHC (Lindane)	<0.0962		0.0962	0.00962	ug/L		10/14/24 09:17	10/15/24 15:59	1
Chlordane (technical)	<1.92		1.92	0.375	ug/L		10/14/24 09:17	10/15/24 15:59	1
delta-BHC	<0.0962		0.0962	0.0308	ug/L		10/14/24 09:17	10/15/24 15:59	1
Dieldrin	<0.0962		0.0962	0.0202	ug/L		10/14/24 09:17	10/15/24 15:59	1
4,4'-DDD	<0.0962		0.0962	0.0240	ug/L		10/14/24 09:17	10/15/24 15:59	1
4,4'-DDE	<0.0962		0.0962	0.0288	ug/L		10/14/24 09:17	10/15/24 15:59	1
4,4'-DDT	<0.0962		0.0962	0.0192	ug/L		10/14/24 09:17	10/15/24 15:59	1
Endosulfan I	<0.0962		0.0962	0.0269	ug/L		10/14/24 09:17	10/15/24 15:59	1
Endosulfan II	<0.0962		0.0962	0.0250	ug/L		10/14/24 09:17	10/15/24 15:59	1
Endosulfan sulfate	<0.0962		0.0962	0.0173	ug/L		10/14/24 09:17	10/15/24 15:59	1
Endrin	<0.0962		0.0962	0.0269	ug/L		10/14/24 09:17	10/15/24 15:59	1
Endrin aldehyde	<0.0962		0.0962	0.0260	ug/L		10/14/24 09:17	10/15/24 15:59	1
Heptachlor	<0.0962		0.0962	0.0221	ug/L		10/14/24 09:17	10/15/24 15:59	1
Heptachlor epoxide	<0.0962		0.0962	0.0308	ug/L		10/14/24 09:17	10/15/24 15:59	1

Eurofins Cedar Falls

QC Sample Results

Client: HDR Inc
Project/Site: Metro Park EAST-Landfill Phase II

Job ID: 310-292696-1

Method: 8081B - Organochlorine Pesticides (GC) (Continued)

Lab Sample ID: LB 310-435869/1-D
Matrix: Water
Analysis Batch: 436243

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 436103

Analyte	LB	LB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Methoxychlor	<0.0962		0.0962	0.0308	ug/L		10/14/24 09:17	10/15/24 15:59	1
Toxaphene	<1.92		1.92	0.962	ug/L		10/14/24 09:17	10/15/24 15:59	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr)	98		10 - 136				10/14/24 09:17	10/15/24 15:59	1
Tetrachloro-m-xylene (Surr)	75		10 - 130				10/14/24 09:17	10/15/24 15:59	1

Lab Sample ID: MB 310-436103/1-A
Matrix: Water
Analysis Batch: 436114

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 436103

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Aldrin	<0.0978		0.0978	0.0215	ug/L		10/14/24 09:17	10/14/24 20:49	1
alpha-BHC	<0.0978		0.0978	0.00978	ug/L		10/14/24 09:17	10/14/24 20:49	1
beta-BHC	<0.0978		0.0978	0.0411	ug/L		10/14/24 09:17	10/14/24 20:49	1
gamma-BHC (Lindane)	<0.0978		0.0978	0.00978	ug/L		10/14/24 09:17	10/14/24 20:49	1
Chlordane (technical)	<1.96		1.96	0.381	ug/L		10/14/24 09:17	10/14/24 20:49	1
delta-BHC	<0.0978		0.0978	0.0313	ug/L		10/14/24 09:17	10/14/24 20:49	1
Dieldrin	<0.0978		0.0978	0.0205	ug/L		10/14/24 09:17	10/14/24 20:49	1
4,4'-DDD	<0.0978		0.0978	0.0244	ug/L		10/14/24 09:17	10/14/24 20:49	1
4,4'-DDE	<0.0978		0.0978	0.0293	ug/L		10/14/24 09:17	10/14/24 20:49	1
4,4'-DDT	<0.0978		0.0978	0.0196	ug/L		10/14/24 09:17	10/14/24 20:49	1
Endosulfan I	<0.0978		0.0978	0.0274	ug/L		10/14/24 09:17	10/14/24 20:49	1
Endosulfan II	<0.0978		0.0978	0.0254	ug/L		10/14/24 09:17	10/14/24 20:49	1
Endosulfan sulfate	<0.0978		0.0978	0.0176	ug/L		10/14/24 09:17	10/14/24 20:49	1
Endrin	<0.0978		0.0978	0.0274	ug/L		10/14/24 09:17	10/14/24 20:49	1
Endrin aldehyde	<0.0978		0.0978	0.0264	ug/L		10/14/24 09:17	10/14/24 20:49	1
Heptachlor	<0.0978		0.0978	0.0225	ug/L		10/14/24 09:17	10/14/24 20:49	1
Heptachlor epoxide	<0.0978		0.0978	0.0313	ug/L		10/14/24 09:17	10/14/24 20:49	1
Methoxychlor	<0.0978		0.0978	0.0313	ug/L		10/14/24 09:17	10/14/24 20:49	1
Toxaphene	<1.96		1.96	0.978	ug/L		10/14/24 09:17	10/14/24 20:49	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr)	122		10 - 136				10/14/24 09:17	10/14/24 20:49	1
Tetrachloro-m-xylene (Surr)	79		10 - 130				10/14/24 09:17	10/14/24 20:49	1

Lab Sample ID: LCS 310-436103/21-A
Matrix: Water
Analysis Batch: 436114

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 436103

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
alpha-BHC	2.79	2.807		ug/L		101	36 - 127
beta-BHC	2.79	2.663		ug/L		95	37 - 136
gamma-BHC (Lindane)	2.79	2.757		ug/L		99	36 - 132
delta-BHC	2.79	2.604		ug/L		93	33 - 134
Dieldrin	2.79	2.951		ug/L		106	39 - 130
4,4'-DDD	2.79	2.946		ug/L		105	36 - 149

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QC Sample Results

Client: HDR Inc
Project/Site: Metro Park EAST-Landfill Phase II

Job ID: 310-292696-1

Method: 8081B - Organochlorine Pesticides (GC) (Continued)

Lab Sample ID: LCS 310-436103/21-A
Matrix: Water
Analysis Batch: 436114

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 436103

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits	
4,4'-DDE	2.79	2.726		ug/L		98	34 - 130	
4,4'-DDT	2.79	2.608		ug/L		93	23 - 150	
Endosulfan I	2.79	1.578		ug/L		56	10 - 120	
Endosulfan II	2.79	1.843		ug/L		66	14 - 120	
Endosulfan sulfate	2.79	3.428		ug/L		123	36 - 147	
Endrin	2.79	2.852		ug/L		102	39 - 140	
Endrin aldehyde	2.79	2.859		ug/L		102	32 - 137	
Heptachlor	2.79	2.058		ug/L		74	27 - 120	
Heptachlor epoxide	2.79	2.969		ug/L		106	38 - 133	
Methoxychlor	2.79	3.002		ug/L		107	10 - 150	

Surrogate	LCS LCS		Limits
	%Recovery	Qualifier	
DCB Decachlorobiphenyl (Surr)	105		10 - 136
Tetrachloro-m-xylene (Surr)	71		10 - 130

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Lab Sample ID: MB 310-436103/1-A
Matrix: Water
Analysis Batch: 436116

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 436103

Analyte	MB MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
PCB-1016	<1.96		1.96	0.802	ug/L		10/14/24 09:17	10/14/24 20:49	1
PCB-1221	<1.96		1.96	0.802	ug/L		10/14/24 09:17	10/14/24 20:49	1
PCB-1232	<1.96		1.96	0.802	ug/L		10/14/24 09:17	10/14/24 20:49	1
PCB-1242	<1.96		1.96	0.802	ug/L		10/14/24 09:17	10/14/24 20:49	1
PCB-1248	<1.96		1.96	0.675	ug/L		10/14/24 09:17	10/14/24 20:49	1
PCB-1254	<1.96		1.96	0.675	ug/L		10/14/24 09:17	10/14/24 20:49	1
PCB-1260	<1.96		1.96	0.675	ug/L		10/14/24 09:17	10/14/24 20:49	1
PCB-1268	<1.96		1.96	0.675	ug/L		10/14/24 09:17	10/14/24 20:49	1

Surrogate	MB MB		Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
DCB Decachlorobiphenyl (Surr)	122		10 - 136	10/14/24 09:17	10/14/24 20:49	1
Tetrachloro-m-xylene (Surr)	79		10 - 130	10/14/24 09:17	10/14/24 20:49	1

Lab Sample ID: LCS 310-436103/22-A
Matrix: Water
Analysis Batch: 436111

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 436103

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits	
PCB-1016	28.0	22.95		ug/L		82	30 - 133	
PCB-1260	28.0	27.15		ug/L		97	31 - 133	

Surrogate	LCS LCS		Limits
	%Recovery	Qualifier	
DCB Decachlorobiphenyl (Surr)	96		10 - 136
Tetrachloro-m-xylene (Surr)	50		10 - 130

QC Sample Results

Client: HDR Inc
Project/Site: Metro Park EAST-Landfill Phase II

Job ID: 310-292696-1

Method: 6020B - Metals (ICP/MS)

Lab Sample ID: MB 310-436197/1-A
Matrix: Water
Analysis Batch: 436544

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 436197

Analyte	MB MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Antimony	<0.00200		0.00200	0.00100	mg/L		10/15/24 09:30	10/16/24 15:56	1
Arsenic	<0.00200		0.00200	0.000530	mg/L		10/15/24 09:30	10/16/24 15:56	1
Barium	<0.00200		0.00200	0.000660	mg/L		10/15/24 09:30	10/16/24 15:56	1
Beryllium	<0.00100		0.00100	0.000330	mg/L		10/15/24 09:30	10/16/24 15:56	1
Cadmium	<0.000200		0.000200	0.000100	mg/L		10/15/24 09:30	10/16/24 15:56	1
Chromium	<0.00500		0.00500	0.00120	mg/L		10/15/24 09:30	10/16/24 15:56	1
Cobalt	<0.000500		0.000500	0.000170	mg/L		10/15/24 09:30	10/16/24 15:56	1
Copper	<0.00500		0.00500	0.00180	mg/L		10/15/24 09:30	10/16/24 15:56	1
Lead	<0.000500		0.000500	0.000260	mg/L		10/15/24 09:30	10/16/24 15:56	1
Selenium	<0.00500		0.00500	0.00140	mg/L		10/15/24 09:30	10/16/24 15:56	1
Silver	<0.00100		0.00100	0.000500	mg/L		10/15/24 09:30	10/16/24 15:56	1
Tin	<0.00500		0.00500	0.00230	mg/L		10/15/24 09:30	10/16/24 15:56	1
Vanadium	<0.00500		0.00500	0.00110	mg/L		10/15/24 09:30	10/16/24 15:56	1
Zinc	<0.0200		0.0200	0.00970	mg/L		10/15/24 09:30	10/16/24 15:56	1

Lab Sample ID: MB 310-436197/1-A
Matrix: Water
Analysis Batch: 437173

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 436197

Analyte	MB MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Nickel	<0.00500		0.00500	0.00210	mg/L		10/15/24 09:30	10/22/24 17:32	1
Thallium	<0.00100		0.00100	0.000570	mg/L		10/15/24 09:30	10/22/24 17:32	1

Lab Sample ID: MB 310-436197/1-A
Matrix: Water
Analysis Batch: 438020

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 436197

Analyte	MB MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Thallium	<0.00100		0.00100	0.000570	mg/L		10/15/24 09:30	10/29/24 16:07	1

Lab Sample ID: LCS 310-436197/2-A
Matrix: Water
Analysis Batch: 436544

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 436197

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Arsenic	0.200	0.2034		mg/L		102	80 - 120
Barium	0.100	0.09873		mg/L		99	80 - 120
Beryllium	0.100	0.09775		mg/L		98	80 - 120
Cadmium	0.100	0.09799		mg/L		98	80 - 120
Chromium	0.100	0.1030		mg/L		103	80 - 120
Cobalt	0.100	0.1000		mg/L		100	80 - 120
Copper	0.200	0.2012		mg/L		101	80 - 120
Lead	0.200	0.2092		mg/L		105	80 - 120
Selenium	0.400	0.3845		mg/L		96	80 - 120
Silver	0.100	0.1076		mg/L		108	80 - 120
Tin	0.200	0.1923		mg/L		96	80 - 120
Vanadium	0.100	0.1035		mg/L		104	80 - 120
Zinc	0.200	0.1913		mg/L		96	80 - 120

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QC Sample Results

Client: HDR Inc
Project/Site: Metro Park EAST-Landfill Phase II

Job ID: 310-292696-1

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: LCS 310-436197/2-A
Matrix: Water
Analysis Batch: 437173

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 436197

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Nickel	0.200	0.1941		mg/L		97	80 - 120

Lab Sample ID: LCS 310-436197/2-A
Matrix: Water
Analysis Batch: 438020

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 436197

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Thallium	0.100	0.08558		mg/L		86	80 - 120

Lab Sample ID: 310-292696-5 DU
Matrix: Water
Analysis Batch: 436544

Client Sample ID: MW-E
Prep Type: Total/NA
Prep Batch: 436197

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	Limit
Antimony	<0.00200		<0.00200		mg/L		NC	20
Arsenic	0.00139	J	0.001377	J	mg/L		0.7	20
Barium	0.596		0.5924		mg/L		0.7	20
Beryllium	<0.00100		<0.00100		mg/L		NC	20
Cadmium	0.000130	J	0.0001350	J	mg/L		4	20
Chromium	<0.00500		<0.00500		mg/L		NC	20
Cobalt	0.000652		0.0006420		mg/L		2	20
Copper	<0.00500		<0.00500		mg/L		NC	20
Lead	0.000348	J	0.0003490	J	mg/L		0.3	20
Selenium	<0.00500		<0.00500		mg/L		NC	20
Silver	<0.00100		<0.00100		mg/L		NC	20
Tin	<0.00500		<0.00500		mg/L		NC	20
Vanadium	<0.00500		<0.00500		mg/L		NC	20
Zinc	<0.0200		<0.0200		mg/L		NC	20

Lab Sample ID: 310-292696-5 DU
Matrix: Water
Analysis Batch: 437173

Client Sample ID: MW-E
Prep Type: Total/NA
Prep Batch: 436197

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	Limit
Nickel	<0.00500		<0.00500		mg/L		NC	20

Lab Sample ID: 310-292696-5 DU
Matrix: Water
Analysis Batch: 438020

Client Sample ID: MW-E
Prep Type: Total/NA
Prep Batch: 436197

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	Limit
Thallium	<0.00100		<0.00100		mg/L		NC	20

QC Sample Results

Client: HDR Inc
Project/Site: Metro Park EAST-Landfill Phase II

Job ID: 310-292696-1

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 310-437124/1-A
Matrix: Water
Analysis Batch: 437446

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 437124

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000200		0.000200	0.000110	mg/L		10/23/24 13:35	10/24/24 11:38	1

Lab Sample ID: LCS 310-437124/2-A
Matrix: Water
Analysis Batch: 437446

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 437124

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.00167	0.001699		mg/L		102	80 - 120

Method: 1664A - HEM and SGT-HEM by Extraction and Gravimetry

Lab Sample ID: MB 310-436203/1-A
Matrix: Water
Analysis Batch: 436336

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 436203

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
HEM (Oil and Grease)	<5.0		5.0	4.5	mg/L		10/15/24 08:30	10/15/24 08:30	1

Lab Sample ID: LCS 310-436203/2-A
Matrix: Water
Analysis Batch: 436336

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 436203

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
HEM (Oil and Grease)	40.0	37.20		mg/L		93	78 - 114

Method: 335.4 - Cyanide, Total

Lab Sample ID: MB 310-436582/1-A
Matrix: Water
Analysis Batch: 436668

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 436582

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	<0.0100		0.0100	0.00350	mg/L		10/17/24 10:34	10/17/24 18:18	1

Lab Sample ID: LCS 310-436582/2-A
Matrix: Water
Analysis Batch: 436668

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 436582

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Cyanide, Total	0.200	0.2020		mg/L		101	90 - 110

Method: I-3765-85 - Residue, Non-filterable (TSS)

Lab Sample ID: MB 310-436166/1
Matrix: Water
Analysis Batch: 436166

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids	<5.00		5.00	3.70	mg/L			10/14/24 14:12	1

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QC Sample Results

Client: HDR Inc
 Project/Site: Metro Park EAST-Landfill Phase II

Job ID: 310-292696-1

Method: I-3765-85 - Residue, Non-filterable (TSS) (Continued)

Lab Sample ID: LCS 310-436166/2
Matrix: Water
Analysis Batch: 436166

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Suspended Solids	100	103.0		mg/L		103	81 - 116

Lab Sample ID: MB 310-436483/1
Matrix: Water
Analysis Batch: 436483

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids	<5.00		5.00	3.70	mg/L			10/16/24 15:09	1

Lab Sample ID: LCS 310-436483/2
Matrix: Water
Analysis Batch: 436483

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Suspended Solids	100	94.00		mg/L		94	81 - 116

Method: SM 2540C - Solids, Total Dissolved (TDS)

Lab Sample ID: MB 310-436360/1
Matrix: Water
Analysis Batch: 436360

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	<50.0		50.0	42.0	mg/L			10/15/24 17:46	1

Lab Sample ID: LCS 310-436360/2
Matrix: Water
Analysis Batch: 436360

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Dissolved Solids	1000	984.0		mg/L		98	88 - 110

QC Association Summary

Client: HDR Inc
 Project/Site: Metro Park EAST-Landfill Phase II

Job ID: 310-292696-1

GC/MS VOA

Analysis Batch: 436593

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-292696-1	MW-26	Total/NA	Water	8260D	
310-292696-2	MW-67	Total/NA	Water	8260D	
310-292696-3	MW-B	Total/NA	Water	8260D	
310-292696-4	MW-C	Total/NA	Water	8260D	
310-292696-5	MW-E	Total/NA	Water	8260D	
310-292696-6	GU-3	Total/NA	Water	8260D	
310-292696-9	MW-37	Total/NA	Water	8260D	
310-292696-10	MW-66	Total/NA	Water	8260D	
310-292696-11	Dup-4	Total/NA	Water	8260D	
310-292696-12	Leachate	Total/NA	Water	8260D	
310-292696-13	TB-2	Total/NA	Water	8260D	
310-292696-14	GU-4	Total/NA	Water	8260D	
310-292696-15	GU-5	Total/NA	Water	8260D	
MB 310-436593/5	Method Blank	Total/NA	Water	8260D	
LCS 310-436593/6	Lab Control Sample	Total/NA	Water	8260D	
LCS 310-436593/7	Lab Control Sample	Total/NA	Water	8260D	
310-292696-1 MS	MW-26	Total/NA	Water	8260D	
310-292696-1 MSD	MW-26	Total/NA	Water	8260D	

GC/MS Semi VOA

Prep Batch: 436607

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-292696-12	Leachate	Total/NA	Water	3510C	
MB 310-436607/1-A	Method Blank	Total/NA	Water	3510C	
LCS 310-436607/2-A	Lab Control Sample	Total/NA	Water	3510C	
LCSD 310-436607/3-A	Lab Control Sample Dup	Total/NA	Water	3510C	

Analysis Batch: 436778

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-292696-12	Leachate	Total/NA	Water	8270E	436607
MB 310-436607/1-A	Method Blank	Total/NA	Water	8270E	436607
LCS 310-436607/2-A	Lab Control Sample	Total/NA	Water	8270E	436607
LCSD 310-436607/3-A	Lab Control Sample Dup	Total/NA	Water	8270E	436607

GC Semi VOA

Leach Batch: 435869

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LB 310-435869/1-D	Method Blank	Total/NA	Water	1311	

Prep Batch: 436103

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-292696-12	Leachate	Total/NA	Water	3511	
LB 310-435869/1-D	Method Blank	Total/NA	Water	3511	435869
MB 310-436103/1-A	Method Blank	Total/NA	Water	3511	
LCS 310-436103/21-A	Lab Control Sample	Total/NA	Water	3511	
LCS 310-436103/22-A	Lab Control Sample	Total/NA	Water	3511	

Analysis Batch: 436111

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 310-436103/22-A	Lab Control Sample	Total/NA	Water	8082A	436103

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QC Association Summary

Client: HDR Inc
 Project/Site: Metro Park EAST-Landfill Phase II

Job ID: 310-292696-1

GC Semi VOA

Analysis Batch: 436114

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 310-436103/1-A	Method Blank	Total/NA	Water	8081B	436103
LCS 310-436103/21-A	Lab Control Sample	Total/NA	Water	8081B	436103

Analysis Batch: 436116

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 310-436103/1-A	Method Blank	Total/NA	Water	8082A	436103

Analysis Batch: 436243

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-292696-12	Leachate	Total/NA	Water	8081B	436103
LB 310-435869/1-D	Method Blank	Total/NA	Water	8081B	436103

Analysis Batch: 436245

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-292696-12	Leachate	Total/NA	Water	8082A	436103

Metals

Prep Batch: 436197

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-292696-1	MW-26	Total/NA	Water	3005A	
310-292696-2	MW-67	Total/NA	Water	3005A	
310-292696-3	MW-B	Total/NA	Water	3005A	
310-292696-4	MW-C	Total/NA	Water	3005A	
310-292696-5	MW-E	Total/NA	Water	3005A	
310-292696-6	GU-3	Total/NA	Water	3005A	
310-292696-9	MW-37	Total/NA	Water	3005A	
310-292696-10	MW-66	Total/NA	Water	3005A	
310-292696-11	Dup-4	Total/NA	Water	3005A	
310-292696-12	Leachate	Total/NA	Water	3005A	
310-292696-14	GU-4	Total/NA	Water	3005A	
310-292696-15	GU-5	Total/NA	Water	3005A	
MB 310-436197/1-A	Method Blank	Total/NA	Water	3005A	
LCS 310-436197/2-A	Lab Control Sample	Total/NA	Water	3005A	
310-292696-5 DU	MW-E	Total/NA	Water	3005A	

Analysis Batch: 436544

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-292696-1	MW-26	Total/NA	Water	6020B	436197
310-292696-2	MW-67	Total/NA	Water	6020B	436197
310-292696-3	MW-B	Total/NA	Water	6020B	436197
310-292696-4	MW-C	Total/NA	Water	6020B	436197
310-292696-5	MW-E	Total/NA	Water	6020B	436197
310-292696-6	GU-3	Total/NA	Water	6020B	436197
310-292696-9	MW-37	Total/NA	Water	6020B	436197
310-292696-10	MW-66	Total/NA	Water	6020B	436197
310-292696-11	Dup-4	Total/NA	Water	6020B	436197
310-292696-12	Leachate	Total/NA	Water	6020B	436197
310-292696-14	GU-4	Total/NA	Water	6020B	436197
310-292696-15	GU-5	Total/NA	Water	6020B	436197
MB 310-436197/1-A	Method Blank	Total/NA	Water	6020B	436197

Eurofins Cedar Falls

QC Association Summary

Client: HDR Inc

Job ID: 310-292696-1

Project/Site: Metro Park EAST-Landfill Phase II

Metals (Continued)

Analysis Batch: 436544 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 310-436197/2-A	Lab Control Sample	Total/NA	Water	6020B	436197
310-292696-5 DU	MW-E	Total/NA	Water	6020B	436197

Prep Batch: 437124

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-292696-12	Leachate	Total/NA	Water	7470A	
MB 310-437124/1-A	Method Blank	Total/NA	Water	7470A	
LCS 310-437124/2-A	Lab Control Sample	Total/NA	Water	7470A	

Analysis Batch: 437173

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-292696-1	MW-26	Total/NA	Water	6020B	436197
310-292696-2	MW-67	Total/NA	Water	6020B	436197
310-292696-3	MW-B	Total/NA	Water	6020B	436197
310-292696-4	MW-C	Total/NA	Water	6020B	436197
310-292696-5	MW-E	Total/NA	Water	6020B	436197
310-292696-6	GU-3	Total/NA	Water	6020B	436197
310-292696-9	MW-37	Total/NA	Water	6020B	436197
310-292696-11	Dup-4	Total/NA	Water	6020B	436197
310-292696-12	Leachate	Total/NA	Water	6020B	436197
310-292696-14	GU-4	Total/NA	Water	6020B	436197
MB 310-436197/1-A	Method Blank	Total/NA	Water	6020B	436197
LCS 310-436197/2-A	Lab Control Sample	Total/NA	Water	6020B	436197
310-292696-5 DU	MW-E	Total/NA	Water	6020B	436197

Analysis Batch: 437446

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-292696-12	Leachate	Total/NA	Water	7470A	437124
MB 310-437124/1-A	Method Blank	Total/NA	Water	7470A	437124
LCS 310-437124/2-A	Lab Control Sample	Total/NA	Water	7470A	437124

Analysis Batch: 438020

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-292696-1	MW-26	Total/NA	Water	6020B	436197
310-292696-2	MW-67	Total/NA	Water	6020B	436197
310-292696-3	MW-B	Total/NA	Water	6020B	436197
310-292696-4	MW-C	Total/NA	Water	6020B	436197
310-292696-5	MW-E	Total/NA	Water	6020B	436197
310-292696-6	GU-3	Total/NA	Water	6020B	436197
310-292696-9	MW-37	Total/NA	Water	6020B	436197
310-292696-10	MW-66	Total/NA	Water	6020B	436197
310-292696-11	Dup-4	Total/NA	Water	6020B	436197
310-292696-12	Leachate	Total/NA	Water	6020B	436197
310-292696-14	GU-4	Total/NA	Water	6020B	436197
310-292696-15	GU-5	Total/NA	Water	6020B	436197
MB 310-436197/1-A	Method Blank	Total/NA	Water	6020B	436197
LCS 310-436197/2-A	Lab Control Sample	Total/NA	Water	6020B	436197
310-292696-5 DU	MW-E	Total/NA	Water	6020B	436197

QC Association Summary

Client: HDR Inc
 Project/Site: Metro Park EAST-Landfill Phase II

Job ID: 310-292696-1

Metals

Analysis Batch: 438121

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-292696-6	GU-3	Total/NA	Water	6020B	436197
310-292696-10	MW-66	Total/NA	Water	6020B	436197
310-292696-15	GU-5	Total/NA	Water	6020B	436197

General Chemistry

Analysis Batch: 436166

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-292696-14	GU-4	Total/NA	Water	I-3765-85	
MB 310-436166/1	Method Blank	Total/NA	Water	I-3765-85	
LCS 310-436166/2	Lab Control Sample	Total/NA	Water	I-3765-85	

Prep Batch: 436203

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-292696-12	Leachate	Total/NA	Water	1664A	
MB 310-436203/1-A	Method Blank	Total/NA	Water	1664A	
LCS 310-436203/2-A	Lab Control Sample	Total/NA	Water	1664A	

Analysis Batch: 436336

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-292696-12	Leachate	Total/NA	Water	1664A	436203
MB 310-436203/1-A	Method Blank	Total/NA	Water	1664A	436203
LCS 310-436203/2-A	Lab Control Sample	Total/NA	Water	1664A	436203

Analysis Batch: 436360

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-292696-12	Leachate	Total/NA	Water	SM 2540C	
MB 310-436360/1	Method Blank	Total/NA	Water	SM 2540C	
LCS 310-436360/2	Lab Control Sample	Total/NA	Water	SM 2540C	

Analysis Batch: 436483

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-292696-1	MW-26	Total/NA	Water	I-3765-85	
310-292696-2	MW-67	Total/NA	Water	I-3765-85	
310-292696-3	MW-B	Total/NA	Water	I-3765-85	
310-292696-4	MW-C	Total/NA	Water	I-3765-85	
310-292696-5	MW-E	Total/NA	Water	I-3765-85	
310-292696-6	GU-3	Total/NA	Water	I-3765-85	
310-292696-9	MW-37	Total/NA	Water	I-3765-85	
310-292696-10	MW-66	Total/NA	Water	I-3765-85	
310-292696-11	Dup-4	Total/NA	Water	I-3765-85	
310-292696-15	GU-5	Total/NA	Water	I-3765-85	
MB 310-436483/1	Method Blank	Total/NA	Water	I-3765-85	
LCS 310-436483/2	Lab Control Sample	Total/NA	Water	I-3765-85	

Prep Batch: 436582

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-292696-12	Leachate	Total/NA	Water	Distill/CN	
MB 310-436582/1-A	Method Blank	Total/NA	Water	Distill/CN	
LCS 310-436582/2-A	Lab Control Sample	Total/NA	Water	Distill/CN	

QC Association Summary

Client: HDR Inc

Job ID: 310-292696-1

Project/Site: Metro Park EAST-Landfill Phase II

General Chemistry

Analysis Batch: 436668

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-292696-12	Leachate	Total/NA	Water	335.4	436582
MB 310-436582/1-A	Method Blank	Total/NA	Water	335.4	436582
LCS 310-436582/2-A	Lab Control Sample	Total/NA	Water	335.4	436582

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- 14
- 15
- 16

Lab Chronicle

Client: HDR Inc
 Project/Site: Metro Park EAST-Landfill Phase II

Job ID: 310-292696-1

Client Sample ID: MW-26

Lab Sample ID: 310-292696-1

Date Collected: 10/10/24 14:43

Matrix: Water

Date Received: 10/11/24 17:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	436593	FE5V	EET CF	10/18/24 08:14
Total/NA	Prep	3005A			436197	QTZ5	EET CF	10/15/24 09:30
Total/NA	Analysis	6020B		1	436544	A6US	EET CF	10/16/24 16:31
Total/NA	Prep	3005A			436197	QTZ5	EET CF	10/15/24 09:30
Total/NA	Analysis	6020B		1	437173	A6US	EET CF	10/22/24 17:58
Total/NA	Prep	3005A			436197	QTZ5	EET CF	10/15/24 09:30
Total/NA	Analysis	6020B		1	438020	A6US	EET CF	10/29/24 16:39
Total/NA	Analysis	I-3765-85		1	436483	HE7K	EET CF	10/16/24 15:09

Client Sample ID: MW-67

Lab Sample ID: 310-292696-2

Date Collected: 10/10/24 10:30

Matrix: Water

Date Received: 10/11/24 17:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	436593	FE5V	EET CF	10/18/24 08:36
Total/NA	Prep	3005A			436197	QTZ5	EET CF	10/15/24 09:30
Total/NA	Analysis	6020B		1	436544	A6US	EET CF	10/16/24 16:33
Total/NA	Prep	3005A			436197	QTZ5	EET CF	10/15/24 09:30
Total/NA	Analysis	6020B		1	437173	A6US	EET CF	10/22/24 18:01
Total/NA	Prep	3005A			436197	QTZ5	EET CF	10/15/24 09:30
Total/NA	Analysis	6020B		1	438020	A6US	EET CF	10/29/24 16:41
Total/NA	Analysis	I-3765-85		1	436483	HE7K	EET CF	10/16/24 15:09

Client Sample ID: MW-B

Lab Sample ID: 310-292696-3

Date Collected: 10/10/24 12:58

Matrix: Water

Date Received: 10/11/24 17:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	436593	FE5V	EET CF	10/18/24 08:59
Total/NA	Prep	3005A			436197	QTZ5	EET CF	10/15/24 09:30
Total/NA	Analysis	6020B		1	436544	A6US	EET CF	10/16/24 16:35
Total/NA	Prep	3005A			436197	QTZ5	EET CF	10/15/24 09:30
Total/NA	Analysis	6020B		1	437173	A6US	EET CF	10/22/24 18:03
Total/NA	Prep	3005A			436197	QTZ5	EET CF	10/15/24 09:30
Total/NA	Analysis	6020B		1	438020	A6US	EET CF	10/29/24 16:44
Total/NA	Analysis	I-3765-85		1	436483	HE7K	EET CF	10/16/24 15:09

Client Sample ID: MW-C

Lab Sample ID: 310-292696-4

Date Collected: 10/10/24 12:46

Matrix: Water

Date Received: 10/11/24 17:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	436593	FE5V	EET CF	10/18/24 09:22
Total/NA	Prep	3005A			436197	QTZ5	EET CF	10/15/24 09:30
Total/NA	Analysis	6020B		1	436544	A6US	EET CF	10/16/24 16:38

Lab Chronicle

Client: HDR Inc

Job ID: 310-292696-1

Project/Site: Metro Park EAST-Landfill Phase II

Client Sample ID: MW-C

Lab Sample ID: 310-292696-4

Date Collected: 10/10/24 12:46

Matrix: Water

Date Received: 10/11/24 17:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3005A			436197	QTZ5	EET CF	10/15/24 09:30
Total/NA	Analysis	6020B		1	437173	A6US	EET CF	10/22/24 18:05
Total/NA	Prep	3005A			436197	QTZ5	EET CF	10/15/24 09:30
Total/NA	Analysis	6020B		1	438020	A6US	EET CF	10/29/24 16:46
Total/NA	Analysis	I-3765-85		1	436483	HE7K	EET CF	10/16/24 15:09

Client Sample ID: MW-E

Lab Sample ID: 310-292696-5

Date Collected: 10/10/24 15:03

Matrix: Water

Date Received: 10/11/24 17:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	436593	FE5V	EET CF	10/18/24 09:45
Total/NA	Prep	3005A			436197	QTZ5	EET CF	10/15/24 09:30
Total/NA	Analysis	6020B		1	436544	A6US	EET CF	10/16/24 16:40
Total/NA	Prep	3005A			436197	QTZ5	EET CF	10/15/24 09:30
Total/NA	Analysis	6020B		1	437173	A6US	EET CF	10/22/24 18:07
Total/NA	Prep	3005A			436197	QTZ5	EET CF	10/15/24 09:30
Total/NA	Analysis	6020B		1	438020	A6US	EET CF	10/29/24 16:48
Total/NA	Analysis	I-3765-85		1	436483	HE7K	EET CF	10/16/24 15:09

Client Sample ID: GU-3

Lab Sample ID: 310-292696-6

Date Collected: 10/10/24 17:50

Matrix: Water

Date Received: 10/11/24 17:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	436593	FE5V	EET CF	10/18/24 10:08
Total/NA	Prep	3005A			436197	QTZ5	EET CF	10/15/24 09:30
Total/NA	Analysis	6020B		1	436544	A6US	EET CF	10/16/24 16:53
Total/NA	Prep	3005A			436197	QTZ5	EET CF	10/15/24 09:30
Total/NA	Analysis	6020B		4	437173	A6US	EET CF	10/22/24 18:12
Total/NA	Prep	3005A			436197	QTZ5	EET CF	10/15/24 09:30
Total/NA	Analysis	6020B		4	438020	A6US	EET CF	10/29/24 17:01
Total/NA	Prep	3005A			436197	QTZ5	EET CF	10/15/24 09:30
Total/NA	Analysis	6020B		4	438121	A6US	EET CF	10/30/24 13:20
Total/NA	Analysis	I-3765-85		1	436483	HE7K	EET CF	10/16/24 15:09

Client Sample ID: MW-37

Lab Sample ID: 310-292696-9

Date Collected: 10/10/24 11:55

Matrix: Water

Date Received: 10/11/24 17:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	436593	FE5V	EET CF	10/18/24 10:30
Total/NA	Prep	3005A			436197	QTZ5	EET CF	10/15/24 09:30
Total/NA	Analysis	6020B		1	436544	A6US	EET CF	10/16/24 16:57

Lab Chronicle

Client: HDR Inc

Job ID: 310-292696-1

Project/Site: Metro Park EAST-Landfill Phase II

Client Sample ID: MW-37

Lab Sample ID: 310-292696-9

Date Collected: 10/10/24 11:55

Matrix: Water

Date Received: 10/11/24 17:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3005A			436197	QTZ5	EET CF	10/15/24 09:30
Total/NA	Analysis	6020B		1	437173	A6US	EET CF	10/22/24 18:16
Total/NA	Prep	3005A			436197	QTZ5	EET CF	10/15/24 09:30
Total/NA	Analysis	6020B		1	438020	A6US	EET CF	10/29/24 17:06
Total/NA	Analysis	I-3765-85		1	436483	HE7K	EET CF	10/16/24 15:09

Client Sample ID: MW-66

Lab Sample ID: 310-292696-10

Date Collected: 10/10/24 09:52

Matrix: Water

Date Received: 10/11/24 17:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	436593	FE5V	EET CF	10/18/24 10:53
Total/NA	Prep	3005A			436197	QTZ5	EET CF	10/15/24 09:30
Total/NA	Analysis	6020B		1	436544	A6US	EET CF	10/16/24 17:00
Total/NA	Prep	3005A			436197	QTZ5	EET CF	10/15/24 09:30
Total/NA	Analysis	6020B		4	438020	A6US	EET CF	10/29/24 17:08
Total/NA	Prep	3005A			436197	QTZ5	EET CF	10/15/24 09:30
Total/NA	Analysis	6020B		4	438121	A6US	EET CF	10/30/24 13:38
Total/NA	Analysis	I-3765-85		1	436483	HE7K	EET CF	10/16/24 15:09

Client Sample ID: Dup-4

Lab Sample ID: 310-292696-11

Date Collected: 10/10/24 13:00

Matrix: Water

Date Received: 10/11/24 17:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	436593	FE5V	EET CF	10/18/24 11:16
Total/NA	Prep	3005A			436197	QTZ5	EET CF	10/15/24 09:30
Total/NA	Analysis	6020B		1	436544	A6US	EET CF	10/16/24 17:02
Total/NA	Prep	3005A			436197	QTZ5	EET CF	10/15/24 09:30
Total/NA	Analysis	6020B		1	437173	A6US	EET CF	10/22/24 18:30
Total/NA	Prep	3005A			436197	QTZ5	EET CF	10/15/24 09:30
Total/NA	Analysis	6020B		1	438020	A6US	EET CF	10/29/24 17:10
Total/NA	Analysis	I-3765-85		1	436483	HE7K	EET CF	10/16/24 15:09

Client Sample ID: Leachate

Lab Sample ID: 310-292696-12

Date Collected: 10/10/24 16:10

Matrix: Water

Date Received: 10/11/24 17:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		10	436593	FE5V	EET CF	10/18/24 12:25
Total/NA	Prep	3510C			436607	AYK7	EET CF	10/17/24 11:57
Total/NA	Analysis	8270E		1	436778	L0FS	EET CF	10/18/24 18:02
Total/NA	Prep	3511			436103	D2YP	EET CF	10/14/24 09:17
Total/NA	Analysis	8081B		1	436243	BW2O	EET CF	10/15/24 13:15

Lab Chronicle

Client: HDR Inc
 Project/Site: Metro Park EAST-Landfill Phase II

Job ID: 310-292696-1

Client Sample ID: Leachate

Lab Sample ID: 310-292696-12

Date Collected: 10/10/24 16:10

Matrix: Water

Date Received: 10/11/24 17:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3511			436103	D2YP	EET CF	10/14/24 09:17
Total/NA	Analysis	8082A		1	436245	BW2O	EET CF	10/15/24 13:15
Total/NA	Prep	3005A			436197	QTZ5	EET CF	10/15/24 09:30
Total/NA	Analysis	6020B		1	436544	A6US	EET CF	10/16/24 17:04
Total/NA	Prep	3005A			436197	QTZ5	EET CF	10/15/24 09:30
Total/NA	Analysis	6020B		1	437173	A6US	EET CF	10/22/24 18:32
Total/NA	Prep	3005A			436197	QTZ5	EET CF	10/15/24 09:30
Total/NA	Analysis	6020B		1	438020	A6US	EET CF	10/29/24 17:13
Total/NA	Prep	7470A			437124	QTZ5	EET CF	10/23/24 13:35
Total/NA	Analysis	7470A		1	437446	QTZ5	EET CF	10/24/24 11:51
Total/NA	Prep	1664A			436203	A3GU	EET CF	10/15/24 08:30
Total/NA	Analysis	1664A		1	436336	A3GU	EET CF	10/15/24 08:30
Total/NA	Prep	Distill/CN			436582	HE7K	EET CF	10/17/24 10:34
Total/NA	Analysis	335.4		1	436668	ZJX4	EET CF	10/17/24 18:26
Total/NA	Analysis	SM 2540C		1	436360	MDU9	EET CF	10/15/24 17:46

Client Sample ID: TB-2

Lab Sample ID: 310-292696-13

Date Collected: 10/10/24 17:08

Matrix: Water

Date Received: 10/11/24 17:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	436593	FE5V	EET CF	10/18/24 06:42

Client Sample ID: GU-4

Lab Sample ID: 310-292696-14

Date Collected: 10/10/24 17:08

Matrix: Water

Date Received: 10/11/24 17:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	436593	FE5V	EET CF	10/18/24 11:39
Total/NA	Prep	3005A			436197	QTZ5	EET CF	10/15/24 09:30
Total/NA	Analysis	6020B		1	436544	A6US	EET CF	10/16/24 17:06
Total/NA	Prep	3005A			436197	QTZ5	EET CF	10/15/24 09:30
Total/NA	Analysis	6020B		1	437173	A6US	EET CF	10/22/24 18:35
Total/NA	Prep	3005A			436197	QTZ5	EET CF	10/15/24 09:30
Total/NA	Analysis	6020B		1	438020	A6US	EET CF	10/29/24 17:15
Total/NA	Analysis	I-3765-85		1	436166	HE7K	EET CF	10/14/24 14:12

Client Sample ID: GU-5

Lab Sample ID: 310-292696-15

Date Collected: 10/10/24 17:08

Matrix: Water

Date Received: 10/11/24 17:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	436593	FE5V	EET CF	10/18/24 12:02
Total/NA	Prep	3005A			436197	QTZ5	EET CF	10/15/24 09:30
Total/NA	Analysis	6020B		1	436544	A6US	EET CF	10/16/24 17:09

Lab Chronicle

Client: HDR Inc
Project/Site: Metro Park EAST-Landfill Phase II

Job ID: 310-292696-1

Client Sample ID: GU-5

Lab Sample ID: 310-292696-15

Date Collected: 10/10/24 17:08

Matrix: Water

Date Received: 10/11/24 17:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3005A			436197	QTZ5	EET CF	10/15/24 09:30
Total/NA	Analysis	6020B		4	438020	A6US	EET CF	10/29/24 17:17
Total/NA	Prep	3005A			436197	QTZ5	EET CF	10/15/24 09:30
Total/NA	Analysis	6020B		4	438121	A6US	EET CF	10/30/24 13:41
Total/NA	Analysis	I-3765-85		1	436483	HE7K	EET CF	10/16/24 15:09

Laboratory References:

EET CF = Eurofins Cedar Falls, 3019 Venture Way, Cedar Falls, IA 50613, TEL (319)277-2401

SC0071 = International Asbestos Testing Labs, 9000 Commerce Parkway, Suite B, Mt. Laurel, NJ 08054



Accreditation/Certification Summary

Client: HDR Inc
Project/Site: Metro Park EAST-Landfill Phase II

Job ID: 310-292696-1

Laboratory: Eurofins Cedar Falls

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
Iowa	State	007	12-01-25

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
8082A	3511	Water	PCB-1268

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Method Summary

Client: HDR Inc

Job ID: 310-292696-1

Project/Site: Metro Park EAST-Landfill Phase II

Method	Method Description	Protocol	Laboratory
8260D	Volatile Organic Compounds by GC/MS	SW846	EET CF
8270E	Semivolatile Organic Compounds (GC/MS)	SW846	EET CF
8081B	Organochlorine Pesticides (GC)	SW846	EET CF
8082A	Polychlorinated Biphenyls (PCBs) by Gas Chromatography	SW846	EET CF
6020B	Metals (ICP/MS)	SW846	EET CF
7470A	Mercury (CVAA)	SW846	EET CF
1664A	HEM and SGT-HEM by Extraction and Gravimetry	40CFR136A	EET CF
335.4	Cyanide, Total	EPA	EET CF
I-3765-85	Residue, Non-filterable (TSS)	USGS	EET CF
SM 2540C	Solids, Total Dissolved (TDS)	SM	EET CF
EPA	Asbestos	EPA	SC0071
1664A	HEM and SGT-HEM (SPE)	1664A	EET CF
3005A	Preparation, Total Metals	SW846	EET CF
3510C	Liquid-Liquid Extraction (Separatory Funnel)	SW846	EET CF
3511	Microextraction of Organic Compounds	SW846	EET CF
5030B	Purge and Trap	SW846	EET CF
7470A	Preparation, Mercury	SW846	EET CF
Distill/CN	Distillation, Cyanide	None	EET CF

Protocol References:

1664A = EPA-821-98-002

40CFR136A = "Methods for Organic Chemical Analysis of Municipal Industrial Wastewater", 40CFR, Part 136, Appendix A, October 26, 1984 and subsequent revisions.

EPA = US Environmental Protection Agency

None = None

SM = "Standard Methods For The Examination Of Water And Wastewater"

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

USGS = "Methods For Analysis Of Water And Fluvial Sediments", USGS, 1989

Laboratory References:

EET CF = Eurofins Cedar Falls, 3019 Venture Way, Cedar Falls, IA 50613, TEL (319)277-2401

SC0071 = International Asbestos Testing Labs, 9000 Commerce Parkway, Suite B, Mt. Laurel, NJ 08054



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CERTIFICATE OF ANALYSIS

Client: Eurofins
3019 Venture Way
Cedar Falls IA 50613

Client: TES568

Report Date: 10/23/2024
Report No.: 705728 - TEM Water
Project: Metro Park EAST-Landfill Phase II
Project No.: 31016556

TEM WATER SAMPLE ANALYSIS SUMMARY

Lab No.: 7795442
Client No.: Leachate (310-292696-12)

Sampled: 10/10/24
Analyzed: 10/23/24
Location:

Total Asbestos Concentration (MFL): <12
Asbestos Concentration Fibers > 10 µm (MFL): <12
Asbestos Types: None Detected

Note: Sample turbidity >1.0 NTU. Therefore MDL >> 0.1 MFL. Does not meet National Primary Drinking Water Standards.

Please refer to the Preface of this report for further information regarding your analysis.

Date Received: 10/15/2024
Date Analyzed: 10/23/2024
Signature:
Analyst: Craig Liska

Approved By:
Frank E. Ehrenfeld, III
Laboratory Director



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CERTIFICATE OF ANALYSIS

Client: Eurofins
3019 Venture Way
Cedar Falls IA 50613

Client: TES568

Report Date: 10/23/2024
Report No.: 705728 - TEM Water
Project: Metro Park EAST-Landfill Phase II
Project No.: 31016556

Appendix to Analytical Report:

Customer Contact: Brian Graettinger

Method: EPA Method For Determining Asbestos In Drinking Water, EPA Method 100.2

This appendix seeks to promote greater understanding of any observations, exceptions, special instructions, or circumstances that the laboratory needs to communicate to the client concerning the above samples. The information below is used to help promote your ability to make the most informed decisions for you and your customers. Please note the following points of contact for any questions you may have.

iATL Customer Service: customerservice@iatl.com

iATL Office Manager: wchampion@iatl.com

iATL Account Representative: Shirley Clark

Sample Login Notes: See Batch Sheet Attached

Sample Matrix: Air Cassettes

Exceptions Noted: See Following Pages

General Terms, Warrants, Limits, Qualifiers:

General information about iATL capabilities and client/laboratory relationships and responsibilities are spelled out in iATL policies that are listed at www.iATL.com and in our Quality Assurance Manual per ISO 17025 standard requirements. The information therein is a representation of iATL definitions and policies for turnaround times, sample submittal, collection media, blank definitions, quantification issues and limit of detection, analytical methods and procedures, sub-contracting policies, results reporting options, fees, terms, and discounts, confidentiality, sample archival and disposal, and data interpretation.

iATL warrants the test results to be of a precision normal for the type and methodology employed for each sample submitted. iATL disclaims any other warrants, expressed or implied, including warranty of fitness for a particular purpose and warranty of merchantability. iATL accepts no legal responsibility for the purpose for which the client uses test results. Any analytical work performed must be governed by our Standard Terms and Conditions. Prices, methods and detection limits may be changed without notification. Please contact your Customer Service Representative for the most current information.

This confidential report relates only to those item(s) tested and does not represent an endorsement by NIST-NVLAP, AIHA LAP LLC, or any agency of local, state or province governments nor of any agency of the U.S. government.

This report shall not be reproduced except in full, without written approval of the laboratory.

Information Pertinent to this Report:

Analysis by EPA Method For Determining Asbestos In Drinking Water, EPA Method 100.2

Accreditation:

- NYSDOH-ELAP No. 11021
- NJ DEP No. 03863
- PA DEP No. 68-03378

Minimum detection limit dependent upon turbidity of sample and volume filtered.

National Primary Drinking Water Regulations under EPA's Safe Drinking Water Act dictates maximum contaminant levels for asbestos at 7.0 million fibers per liter (MFL).

EPA and NYS-DOH regulations require segregation of overall fiber concentration, total asbestos concentration, and asbestos concentration of fibers > 10 µm in length.

All results are based on the samples as received at the lab. iATL assumes that appropriate sampling methods have been used and that the data upon which these results are based have been accurately supplied by the client.

Disclaimers / Qualifiers:

There may be some samples in this project that have a "NOTE:" associated with a sample result. We use added disclaimers or qualifiers to inform the client about something that requires further explanation. Here is a complete list with highlighted disclaimers pertinent to this project. For a full explanation of these and other





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CERTIFICATE OF ANALYSIS

Client: Eurofins	Report Date: 10/23/2024
3019 Venture Way	Report No.: 705728 - TEM Water
Cedar Falls IA 50613	Project: Metro Park EAST-Landfill Phase II
Client: TES568	Project No.: 31016556

disclaimers, please inquire at customerservice@iatl.com.

(1)Note: Sample not analyzed.

(2)Note: Sample not analyzed at request of client.

(6)Note: Sample turbidity >1.0 NTU. Therefore MDL >> 0.1 MFL. Does not meet National Primary Drinking Water Standards.

(9)Note: Void - overloaded, unable to prep.

Samples received out of hold time (48 hours) must have UV/O3 treatment to assure sample viability.



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CERTIFICATE OF ANALYSIS

Client: Eurofins 3019 Venture Way Cedar Falls IA 50613	Report Date: 10/23/2024 Report No.: 705728 - TEM Water Project: Metro Park EAST-Landfill Phase II Project No.: 31016556
Client: TES568	


TEM WATER SAMPLE ANALYSIS DETAILS


Lab No.:7795442 Client No.:Leachate (310-292696-12)	Sampled:10/10/24 Analyzed:10/23/24 Location:	Filter Type: MCE Filter Size (mm ²):962 Pore Size (µm):0.45
Volume Filtered (mL): 0.5 Grid Openings: 12 Opening Area (mm ²): 0.013 Area Analyzed (mm ²):0.156 Sensitivity (f/mm ²): 6.41 Detection Limit (MFL): 12	<u>Asbestos Fibers</u> Total Fibers > 0.5 µm: None Detected Concentration (MFL): <12 Fibers > 10 µm: None Detected Concentration (MFL): <12 <u>Asbestos Type(s)</u> : None Detected	<u>Non-Asbestos Fibers</u> : None Detected Concentration (MFL): <12 Fiber Types Identified: None Detected

Micrograph Number:
X-Ray Spectrum Number:

Note: Sample turbidity >1.0 NTU. Therefore MDL >> 0.1 MFL. Does not meet National Primary Drinking Water Standards.

Please refer to the Preface of this report for further information regarding your analysis.

Date Received: 10/15/2024
Date Analyzed: 10/23/2024
Signature: 
Analyst: Craig Liska

Approved By: 
Frank E. Ehrenfeld, III
Laboratory Director



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CERTIFICATE OF ANALYSIS

Client: Eurofins
3019 Venture Way
Cedar Falls IA 50613

Client: TES568

Report Date: 10/23/2024
Report No.: 705728 - TEM Water
Project: Metro Park EAST-Landfill Phase II
Project No.: 31016556



Environment Testing
America



310-292696 Chain of Custody

Cooler/Sample Receipt and Temperature Log Form

Client Information			
Client: HDR			
City/State:	CITY Omaha	STATE NE	Project:
Receipt Information			
Date/Time Received:	DATE 10/11/24	TIME 1710	Received By: PH
Delivery Type: <input type="checkbox"/> UPS <input type="checkbox"/> FedEx <input type="checkbox"/> FedEx Ground <input type="checkbox"/> US Mail <input type="checkbox"/> Spee-Dee <input checked="" type="checkbox"/> Lab Courier <input type="checkbox"/> Lab Field Services <input type="checkbox"/> Client Drop-off <input type="checkbox"/> Other: _____			
Condition of Cooler/Containers			
Sample(s) received in Cooler?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	If yes: Cooler ID: 1 2	
Multiple Coolers?	<input checked="" type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If yes: Cooler # 1 of 2	
Cooler Custody Seals Present?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If yes: Cooler custody seals intact? <input type="checkbox"/> Yes <input type="checkbox"/> No	
Sample Custody Seals Present?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If yes: Sample custody seals intact? <input type="checkbox"/> Yes <input type="checkbox"/> No	
Trip Blank Present?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	If yes Which VOA samples are in cooler? ↓	
MW26, G7, B, C, E, Gu3, Mh, 37, 66, Dup4, TB-2			
Temperature Record			
Coolant:	<input checked="" type="checkbox"/> Wet ice <input type="checkbox"/> Blue ice <input type="checkbox"/> Dry ice <input type="checkbox"/> Other _____ <input type="checkbox"/> NONE		
Thermometer ID: Y	Correction Factor (°C): 0		
• Temp Blank Temperature – If no temp blank, or temp blank temperature above criteria, proceed to Sample Container Temperature			
Uncorrected Temp (°C): 1.0	Corrected Temp (°C): 1.0		
• Sample Container Temperature			
Container(s) used:	CONTAINER 1	CONTAINER 2	
Uncorrected Temp (°C):			
Corrected Temp (°C):			
Exceptions Noted			
1) If temperature exceeds criteria, was sample(s) received same day of sampling? <input type="checkbox"/> Yes <input type="checkbox"/> No a) If yes: Is there evidence that the chilling process began? <input type="checkbox"/> Yes <input type="checkbox"/> No			
2) If temperature is <0°C, are there obvious signs that the integrity of sample containers is compromised? (e.g., bulging septa, broken/cracked bottles, frozen solid?) <input type="checkbox"/> Yes <input type="checkbox"/> No			
NOTE If yes, contact PM before proceeding. If no, proceed with login			
Additional Comments			
Dont receive Gu-4, 5, TB-1			



Cooler/Sample Receipt and Temperature Log Form

Client Information			
Client: <u>HDR inc</u>			
City/State: <u>Omaha</u>	CITY	STATE	Project:
Receipt Information			
Date/Time Received: <u>10/11/24</u>	DATE	TIME <u>1710</u>	Received By: <u>PH</u>
Delivery Type: <input type="checkbox"/> UPS <input type="checkbox"/> FedEx <input type="checkbox"/> FedEx Ground <input type="checkbox"/> US Mail <input type="checkbox"/> Spee-Dee <input checked="" type="checkbox"/> Lab Courier <input type="checkbox"/> Lab Field Services <input type="checkbox"/> Client Drop-off <input type="checkbox"/> Other: _____			
Condition of Cooler/Containers			
Sample(s) received in Cooler?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	If yes: Cooler ID: _____	
Multiple Coolers?	<input checked="" type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If yes: Cooler # <u>2</u> of <u>2</u>	
Cooler Custody Seals Present?	<input checked="" type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If yes: Cooler custody seals intact? <input type="checkbox"/> Yes <input type="checkbox"/> No	
Sample Custody Seals Present?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If yes: Sample custody seals intact? <input type="checkbox"/> Yes <input type="checkbox"/> No	
Trip Blank Present?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If yes: Which VOA samples are in cooler? ↓	
Temperature Record			
Coolant:	<input checked="" type="checkbox"/> Wet ice <input type="checkbox"/> Blue ice <input type="checkbox"/> Dry ice <input type="checkbox"/> Other: _____ <input type="checkbox"/> NONE		
Thermometer ID: <u>✓</u>	Correction Factor (°C) <u>0</u>		
• Temp Blank Temperature – If no temp blank, or temp blank temperature above criteria, proceed to Sample Container Temperature			
Uncorrected Temp (°C): <u>1.3</u>	Corrected Temp (°C): <u>1.3</u>		
• Sample Container Temperature			
Container(s) used	<u>CONTAINER 1</u>	<u>CONTAINER 2</u>	
Uncorrected Temp (°C):			
Corrected Temp (°C):			
Exceptions Noted			
1) If temperature exceeds criteria, was sample(s) received same day of sampling? <input type="checkbox"/> Yes <input type="checkbox"/> No a) If yes: Is there evidence that the chilling process began? <input type="checkbox"/> Yes <input type="checkbox"/> No			
2) If temperature is <0°C, are there obvious signs that the integrity of sample containers is compromised? (e.g., bulging septa, broken/cracked bottles, frozen solid?) <input type="checkbox"/> Yes <input type="checkbox"/> No			
NOTE If yes, contact PM before proceeding. If no, proceed with login			
Additional Comments			



Client Information
 Client Contact: Richard Wilson
 Company: HDR Inc
 Address: 1917 S 67th Street
 City: Omaha
 State, Zip: NE, 68106
 Phone: 402-392-6714(Tel)
 Email: richard.wilson2@hdrinc.com
 Project Name: Metro Park EAST-Landfill Phase II
 Site:

Sample Information
 Sampler: Brendan Bunker
 Lab PM: Calhoun, Conner M
 Phone: 402-518-5089
 E-Mail: Conner.Calhoun@et.eurofinsus.com
 Carrier Tracking No(s):
 States of Origin:
 Page: Page 1 of 2
 Job #:

Analysis Requested
 1664A - Oil and Grease (HEM)
 335A - Cyanide, Total
 2540C - Calc'd - Total Dissolved Solids
 8270E - SVOC
 8082A - Appendix II PCBs
 8081 - Pesticides
 245.2-HG
 Preservation Codes:
 D - HNO3
 A - HCL
 N - None
 S - H2SO4
 B - NaOH
 Other:
 Total Number of containers: ~~1~~

Sample Identification

Sample ID	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=wastewater)	Preservation Code:
MW-26	10-10-2024	14:43	G	Water	
MW-67		10:30		Water	
MW-B		12:58		Water	
MW-C		12:40		Water	
MW-E		15:03		Water	
GU-3		17:50		Water	
GU-4		17:20		Water	
GU-5		17:20		Water	
GU-18		11:55		Water	
MW-37		9:52		Water	
MW-66				Water	

Field Filtered Sample (Yes or No) Appendix I
 Form M/MSD (Yes or No) Appendix I
 L 3765_85 - TSS

Possible Hazard Identification
 Non-Hazard Flammable Skin Irritant Poison B Unknown Radiological
 Deliverable Requested I, II, III, IV Other (specify)

Empty Kit Relinquished by _____ Date: _____ Method of Shipment: _____
 Relinquished by: Brendan Bunker Date/Time: 10/11/24 1000
 Relinquished by: _____ Date/Time: _____
 Relinquished by: _____ Date/Time: _____

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
 Return To Client Disposal By Lab Archive For _____ Months
 Special Instructions/QC Requirements:

Custody Seals Intact: Yes No
 Δ Yes Δ No

Cooler Temperature(s) °C and Other Remarks:

Company: HDR
 Date/Time: 10/11/24 1000
 Received by: [Signature]
 Company: HDR

Company: [Signature]
 Date/Time: 10/11/24 10:30
 Received by: [Signature]
 Company: [Signature]

Company: _____
 Date/Time: _____
 Received by: _____
 Company: _____

Client Information Client Contact: Richard Wilson Phone: 402-548-5089 Company: HDR Inc		Lab PM: Calhoun, Conner M E-Mail: Conner.Calhoun@et.eurofins.com		Carrier Tracking No(s): 310-98209-23839.2 Page: Page 2 of 2 Job #:	
Due Date Requested: TAT Requested (days): Compliance Project: <input type="checkbox"/> Yes <input type="checkbox"/> No PO #: Purchase Order not required WO #:		Analysis Requested 1664A - Oil and Grease (HEM) 335.4 - Cyanide, Total 2540C - Calcd - Total Dissolved Solids 8270E - SVOC 8082A - Appendix II PCBs 245.2 - HG Total Number of Containers: 9		Preservation Codes: D - HNO3 A - HCL N - None S - H2SO4 B - NaOH Other:	
Project Name: Metro Park EAST-Landfill Phase II Project #: 31016556 SSOW#:		Field Filtered Sample (Yes or No) <input checked="" type="checkbox"/> Appendix I <input checked="" type="checkbox"/> L 3765_85 - TSS 8270E - SVOC 8082A - Appendix II PCBs 245.2 - HG		Special Instructions/Note: No Sample No Sample Send 1L NT to International asbestos lab	
Sample Identification Sample Date: 10-10-2024 Sample Time: 13:00 Sample Type: G Matrix: Water		Sample Date: 10-10-2024 Sample Time: 7:05 Sample Type: G Matrix: Water		Sample Date: 10-10-2024 Sample Time: 17:08 Sample Type: G Matrix: Water	
Possible Hazard Identification <input type="checkbox"/> Non-Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Poison B <input type="checkbox"/> Unknown <input type="checkbox"/> Radiological		Deliverable Requested: <input type="checkbox"/> I <input type="checkbox"/> II <input type="checkbox"/> III <input type="checkbox"/> IV Other (specify)		Sample Disposal (A fee may be assessed if samples are retained longer than 1 month) <input type="checkbox"/> Return To Client <input type="checkbox"/> Disposal By Lab <input type="checkbox"/> Archive For _____ Months	
Empty Kit Relinquished by:		Date: 10/11/24 10:00 Company: HDR		Method of Shipment:	
Relinquished by: Brendan Bunker		Date/Time: 10/11/24 10:00 Company: HDR		Date/Time: 10/11/24 10:00 Company: Eurofins	
Relinquished by:		Date/Time: 10/11/24 10:00 Company:		Date/Time: 10/11/24 10:00 Company:	
Relinquished by:		Date/Time: 10/11/24 10:00 Company:		Date/Time: 10/11/24 10:00 Company:	
Custody Seals Intact: <input type="checkbox"/> Yes <input type="checkbox"/> No		Custody Seal No:		Cooler Temperature(s) °C and Other Remarks:	

Client Information		Lab PM: Calhoun, Conner M		Carrier Tracking No(s): 310-98209-23839	
Client Contact: Richard Wilson		E-Mail: Conner Calhoun@et.eurofins.com		Page:	
Company: HDR Inc.		PWSID:		Job #:	
Address: 1917 S 67th Street		Due Date Requested:		Preservation Codes:	
City: Omaha		TAT Requested (days):		A - HCL M - Hexane N - None B - NaOH O - AsNaO2 C - Zn Acetate P - Na2O4S D - Nitric Acid Q - Na2SO3 E - NaHSO4 F - MeOH G - Amchlor H - Ascorbic Acid I - Ice J - DI Water K - EDTA L - EDTA U - Acetone V - MCAA W - pH 4-5 Z - other (specify) Other:	
State, Zip: NE, 68106		Compliance Project: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		Total Number of containers	
Phone: 402-392-6714(Tel)		PO #: Purchase Order not required		Analysis Requested	
Email: richard.wilson2@hdrinc.com		WO #:		8081 - Pesticides	
Project Name: Metro Park EAST - Landfill Phase II		Project #: 31016556		8082A - Appendix II PCBs	
Site: Metro Park EAST - Landfill Phase II		SSOW#:		8270E - SVOC	
Sample Identification		Sample Date		2540C-Calc'd - Total Dissolved Solids	
Leachate	10-10-2024	Sample Time		335.4 (Cyanide, Total)	
		Sample Type (C=Comp, G=grab)		1664A - Oil and Grease (HEM)	
		Preservation Code:		1.3765.85 - TSS	
		Matrix (W=water, S=solid, O=waste/oil, B=soil, T=tissue, A=air)		Appendix I	
		Field Filtered Sample (Yes or No)		Perform MS/MSD (Yes or No)	
		Special Instructions/Note:		Field Filtered Sample (Yes or No)	
		Send IL non-spet to International Alaska Lab		Special Instructions/Note:	
Possible Hazard Identification					
<input type="checkbox"/> Non-Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Poison B <input type="checkbox"/> Unknown <input type="checkbox"/> Radiological					
Deliverable Requested I, II, III, IV, Other (specify)					
Empty Kit Relinquished by:					
Relinquished by: Brendan Bunker		Date/Time: 10/11/24 1000		Date/Time: 10/11/24 10:30	
Relinquished by:		Date/Time:		Date/Time: 10/11/24 1700	
Relinquished by:		Date/Time:		Date/Time:	
Custody Seals Intact: <input type="checkbox"/> Yes <input type="checkbox"/> No					
Custody Seal No					
Cooler Temperature(s) °C and Other Remarks:					



Login Sample Receipt Checklist

Client: HDR Inc

Job Number: 310-292696-1

SDG Number:

Login Number: 292696

List Source: Eurofins Cedar Falls

List Number: 1

Creator: Homolar, Dana J

Question	Answer	Comment
Radioactivity wasn't checked or is <=/ background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	False	Did not receive GU-4, GU-5 or TB-1
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

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Appendix C

Statistical Analysis



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Phase II - Metals

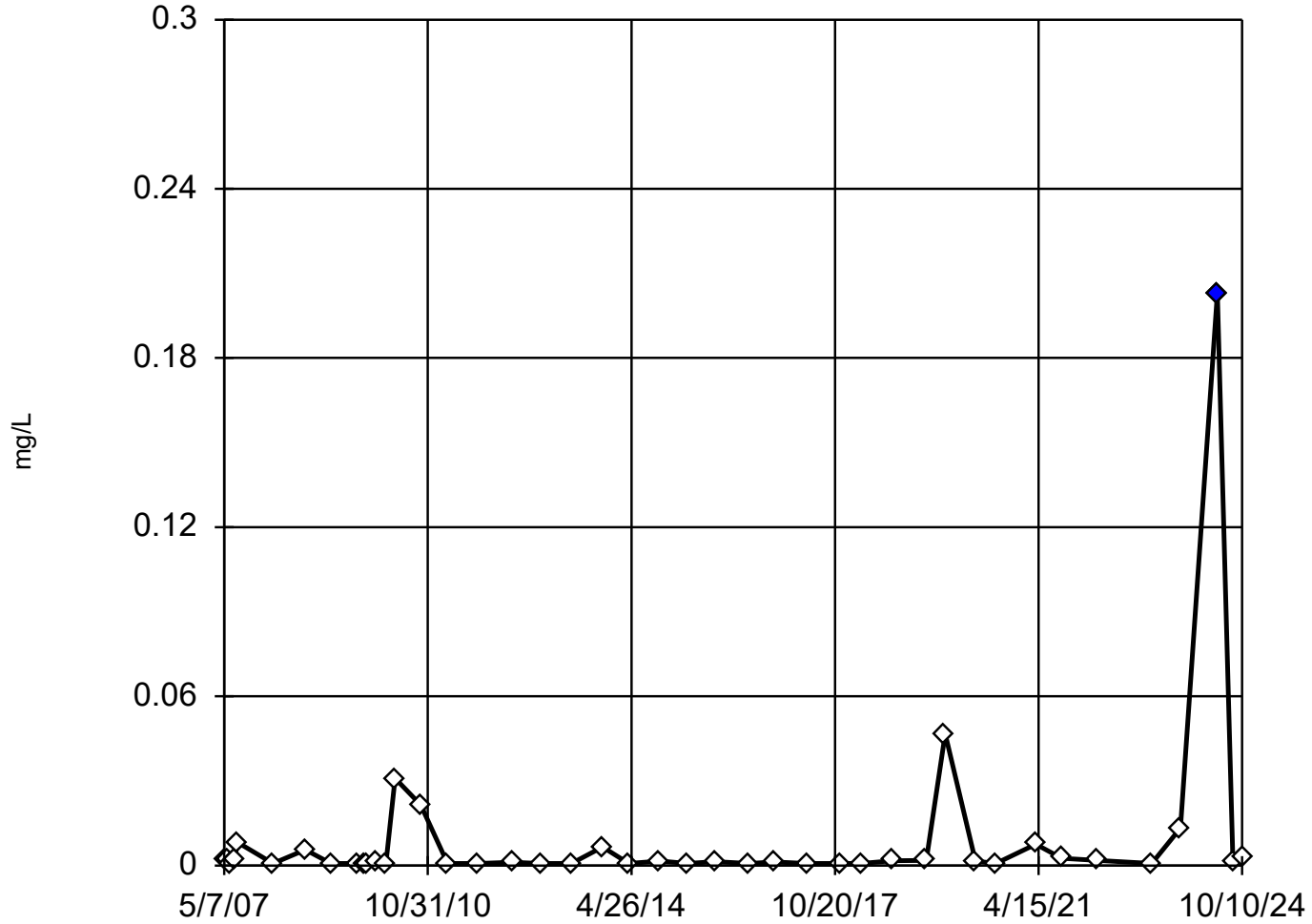
Outliers Analysis



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Tukey's Outlier Screening

GU-3



n = 43

Outlier is drawn as solid. Tukey's method used in lieu of parametric test because the Shapiro Wilk normality test failed at the 0.1 alpha level.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

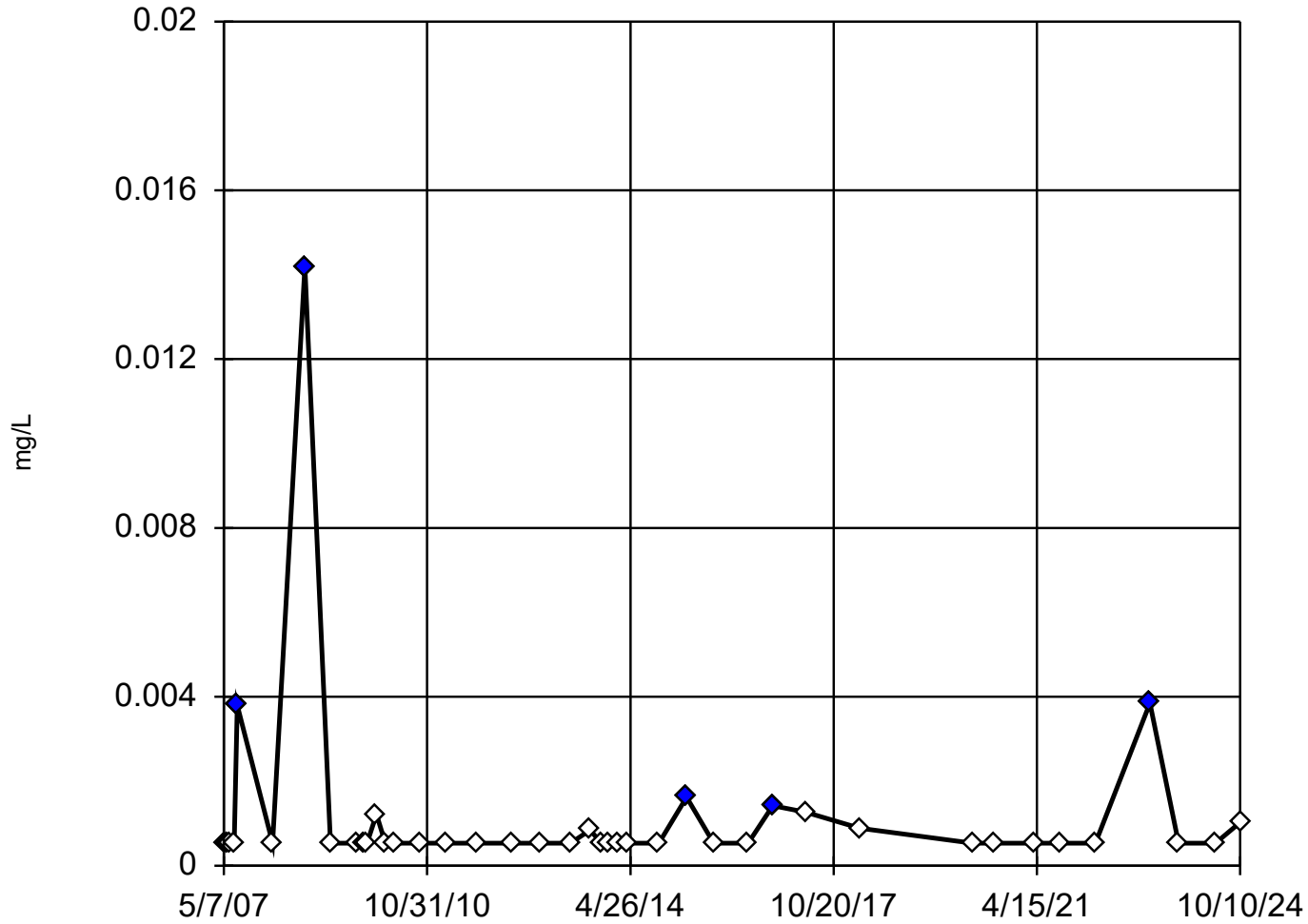
High cutoff = 0.1117, low cutoff = 0.00001759, based on IQR multiplier of 3.

Constituent: Arsenic Analysis Run 12/3/2024 3:42 PM View: Phase II - Appendix I Metals Time Series

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE PII PRIME flat

Tukey's Outlier Screening

GU-4



n = 41

Outliers are drawn as solid.
Tukey's method used in lieu of parametric test because the Shapiro Wilk normality test failed at the 0.1 alpha level.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

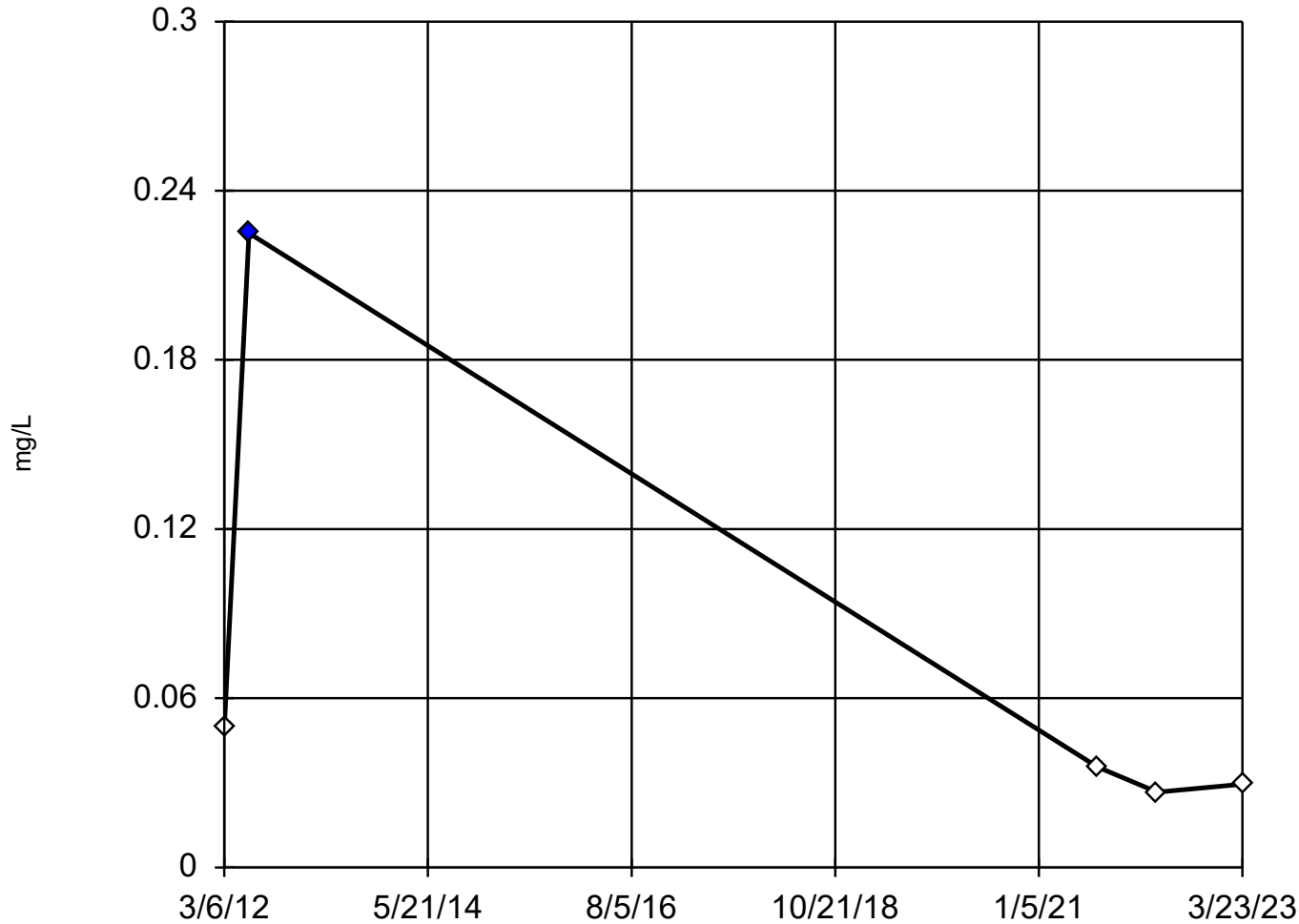
High cutoff = 0.001362,
low cutoff = 0.0002612,
based on IQR multiplier of 3.

Constituent: Arsenic Analysis Run 12/3/2024 3:42 PM View: Phase II - Appendix I Metals Time Series

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE PII PRIME flat

Dixon's Outlier Test

GU-18



n = 5

Statistical outlier is drawn as solid.
1 value manually flagged as an outlier.
Testing for 1 high outlier.
Mean = 0.07324.
Std. Dev. = 0.08529.
0.225 (o): c = 0.8855
tab1 = 0.642.
Alpha = 0.05.

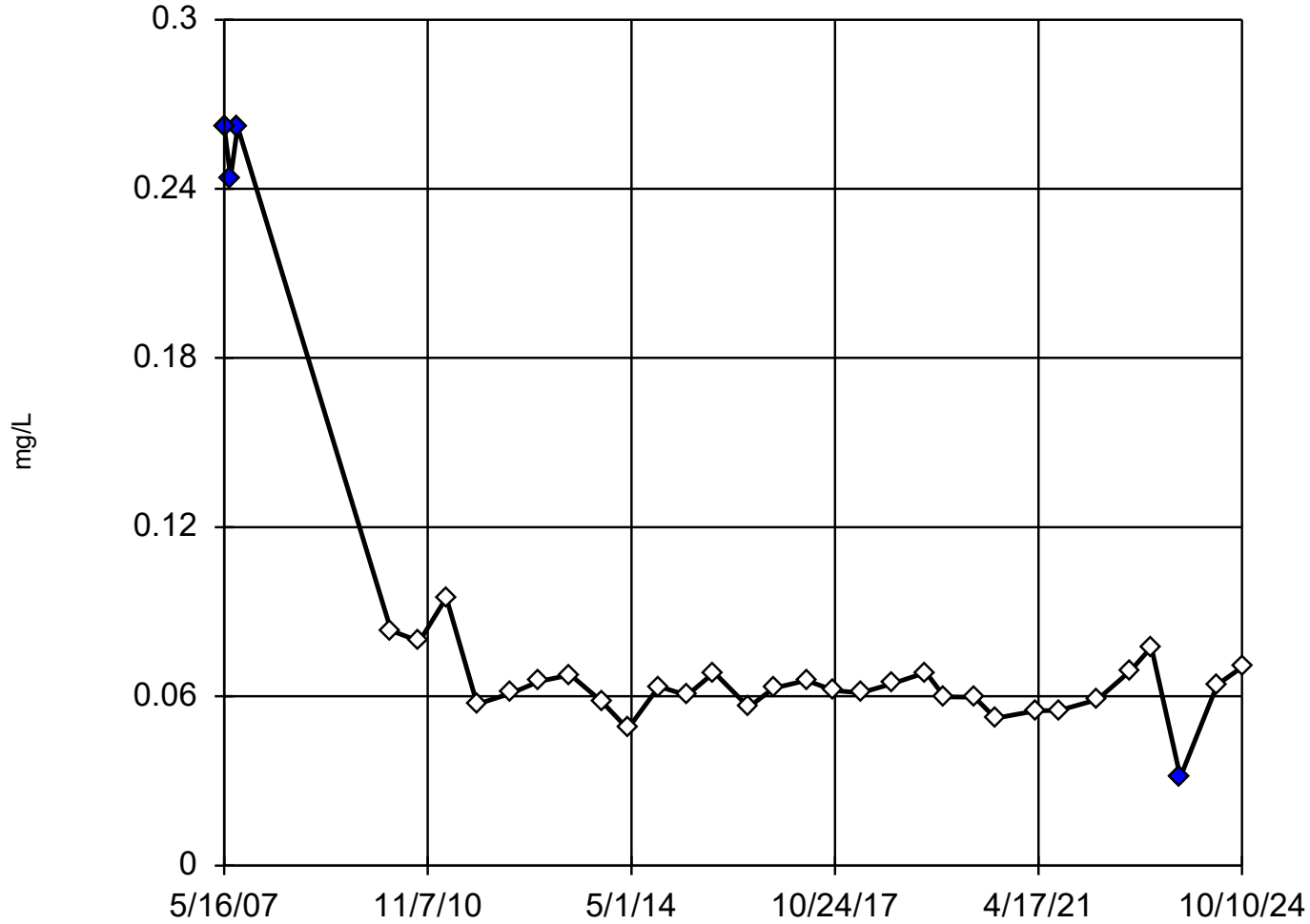
Normality test used:
Shapiro Wilk@alpha = 0.1
Calculated = 0.9015
Critical = 0.792
The distribution, after removal of suspect value, was found to be normally distributed.

Constituent: Barium Analysis Run 12/3/2024 3:42 PM View: Phase II - Appendix I Metals Time Series

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE PII PRIME flat

Rosner's Outlier Test

MW-26 (bg)



n = 33

Statistical outliers are drawn as solid.
4 values manually flagged as outliers.

k = 5
r = 3.601
Tabulated value = 3.06
Alpha = 0.01

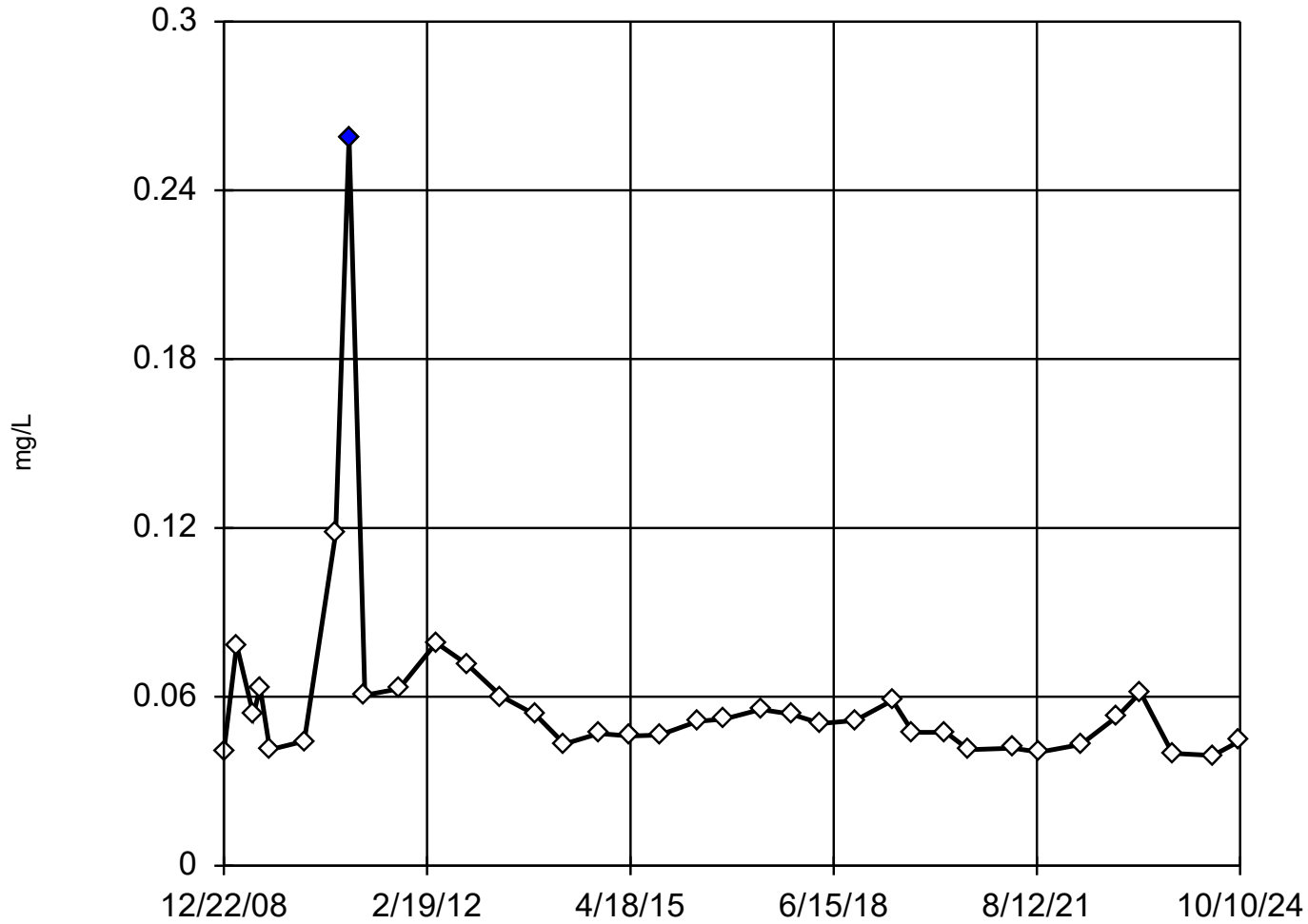
Normality test used:
Shapiro Wilk@alpha = 0.1
Calculated = 0.9579
Critical = 0.937 (after natural log transformation)
The distribution, after removal of suspect values, was found to be log-normal.

Constituent: Barium Analysis Run 12/3/2024 3:42 PM View: Phase II - Appendix I Metals Time Series

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE PII PRIME flat

Tukey's Outlier Screening

MW-B



n = 36

Outlier is drawn as solid.
Tukey's method used in lieu of parametric test because the Shapiro Wilk normality test failed at the 0.1 alpha level.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

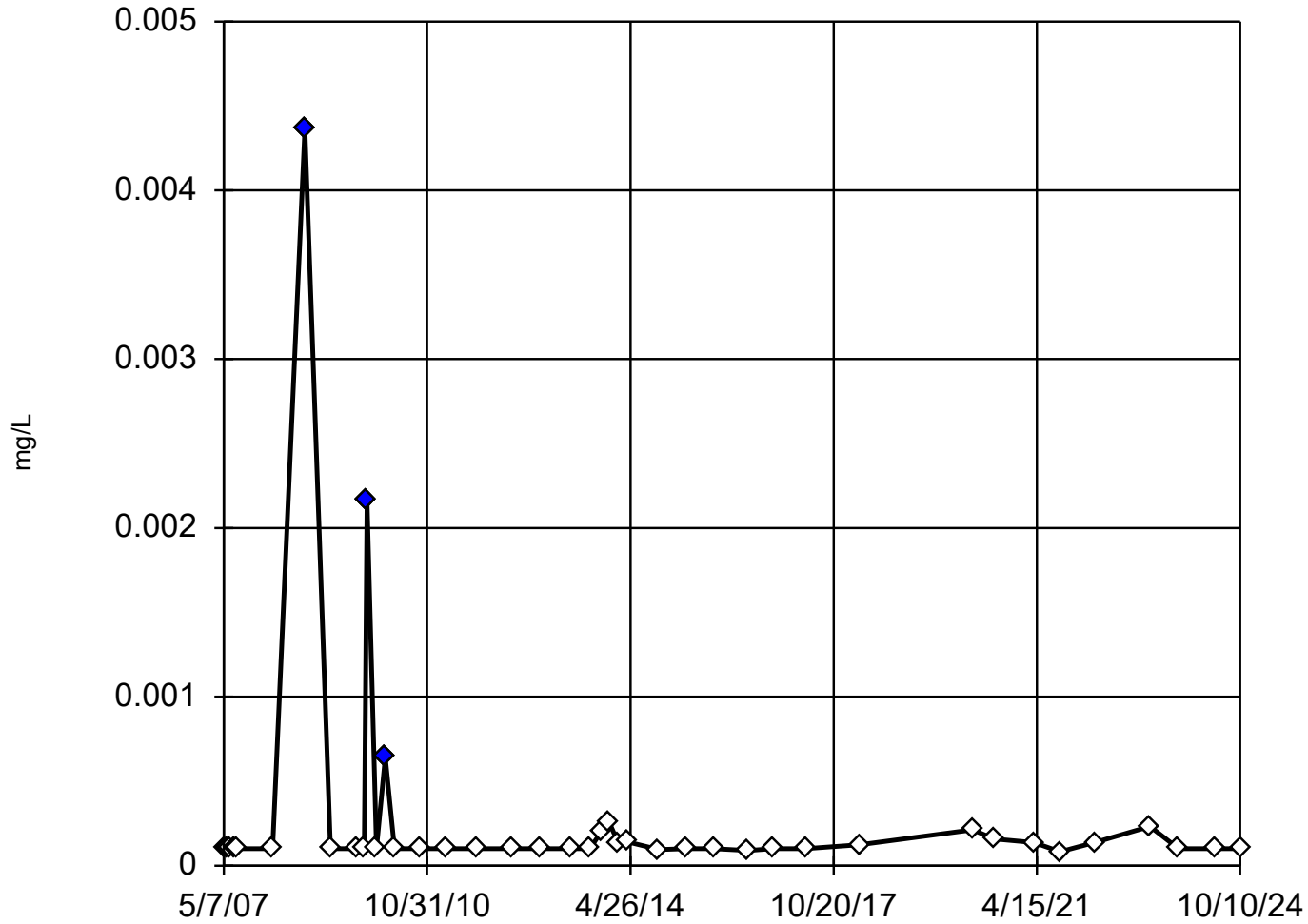
High cutoff = 0.1584,
low cutoff = 0.01666,
based on IQR multiplier of 3.

Constituent: Barium Analysis Run 12/3/2024 3:42 PM View: Phase II - Appendix I Metals Time Series

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE PII PRIME flat

Tukey's Outlier Screening

GU-4



n = 41

Outliers are drawn as solid.
Tukey's method used in lieu of parametric test because the Shapiro Wilk normality test failed at the 0.1 alpha level.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

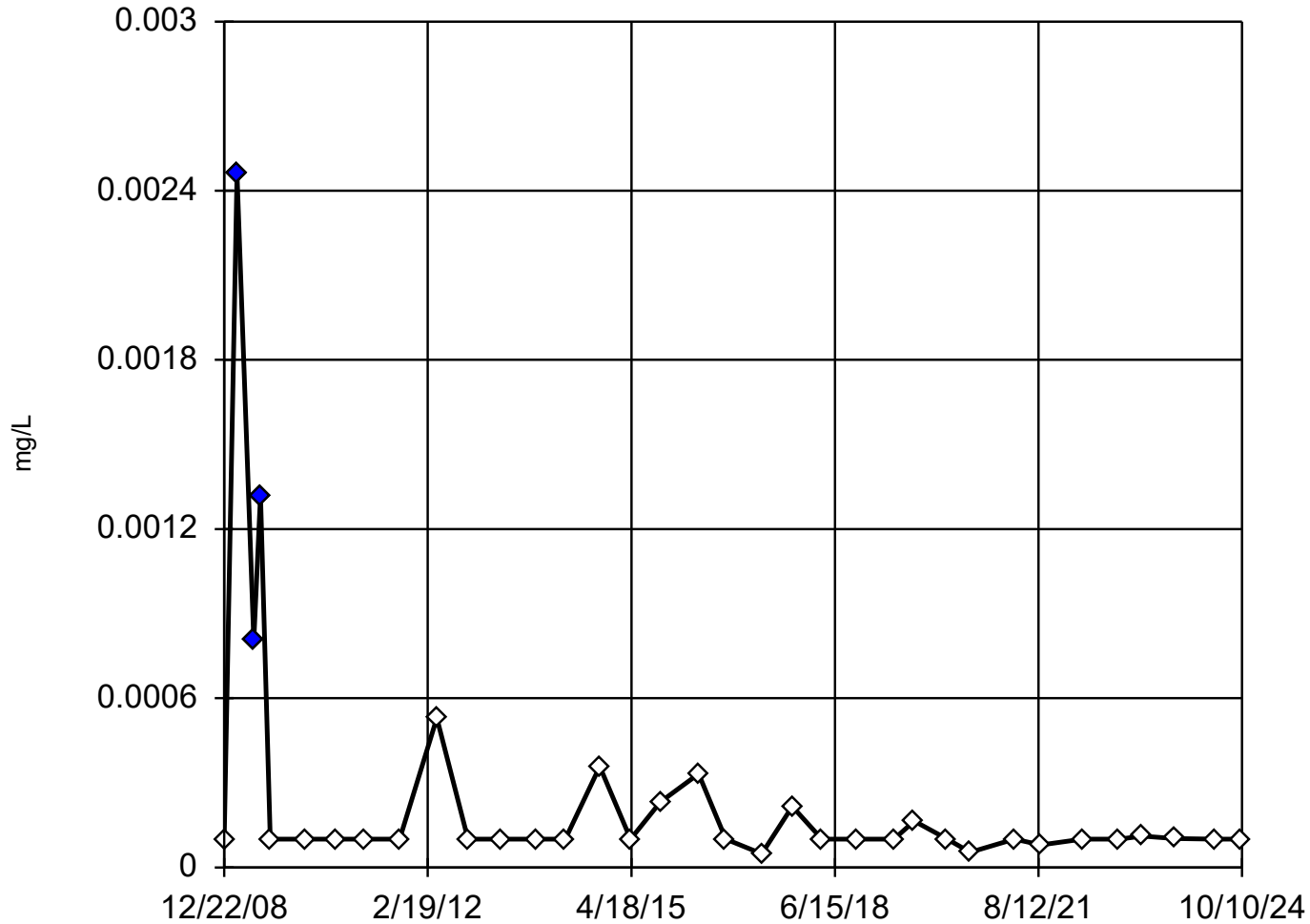
High cutoff = 0.0003574,
low cutoff = 0.00003847,
based on IQR multiplier of 3.

Constituent: Cadmium Analysis Run 12/3/2024 3:42 PM View: Phase II - Appendix I Metals Time Series

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE PII PRIME flat

Tukey's Outlier Screening

MW-B



n = 35

Outliers are drawn as solid.
Tukey's method used in lieu of parametric test because the Shapiro Wilk normality test failed at the 0.1 alpha level.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

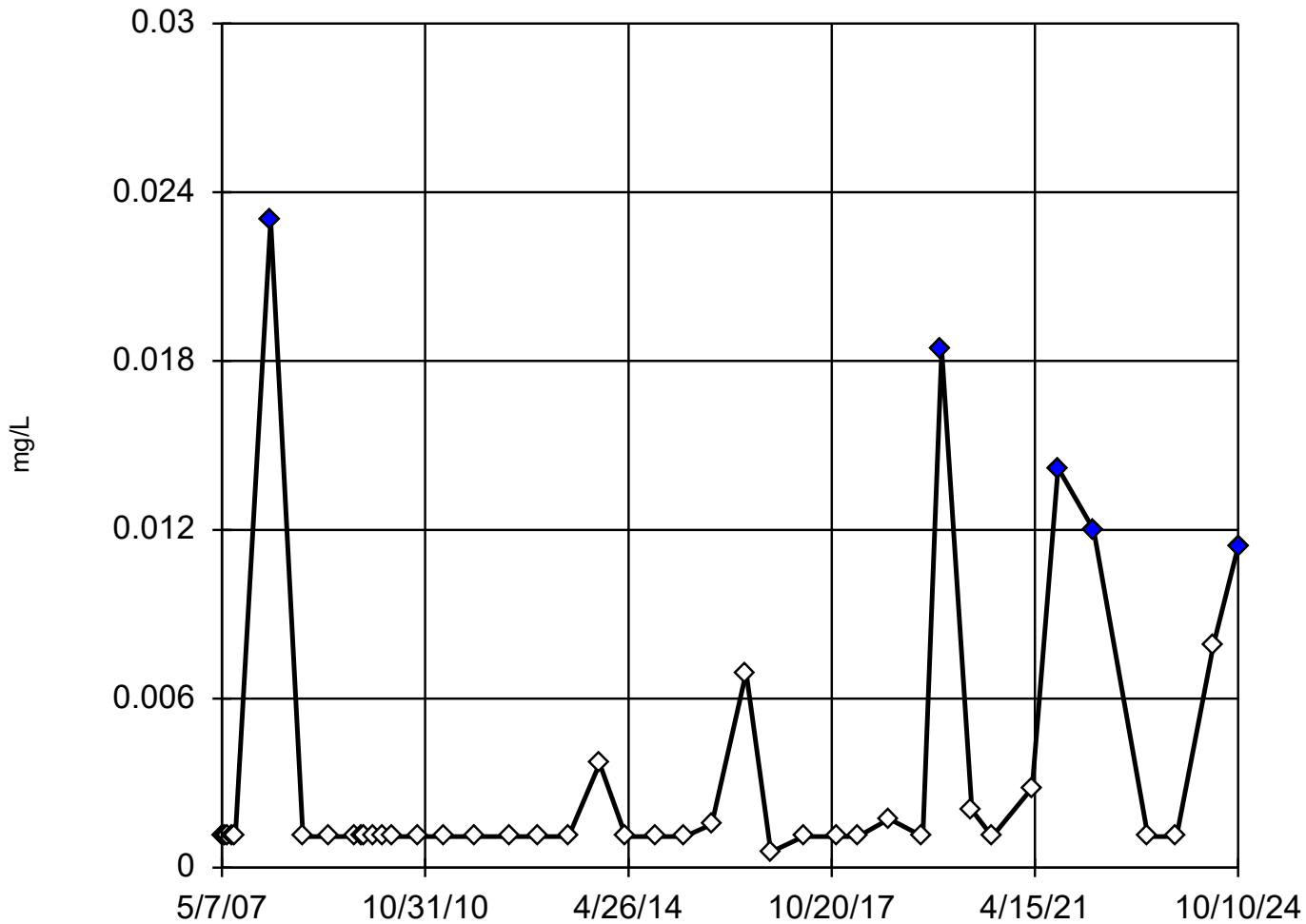
High cutoff = 0.0007234, low cutoff = 0.00002267, based on IQR multiplier of 3.

Constituent: Cadmium Analysis Run 12/3/2024 3:42 PM View: Phase II - Appendix I Metals Time Series

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE PII PRIME flat

Tukey's Outlier Screening

GU-3



n = 42

Outliers are drawn as solid.
Tukey's method used in lieu of parametric test because the Shapiro Wilk normality test failed at the 0.1 alpha level.

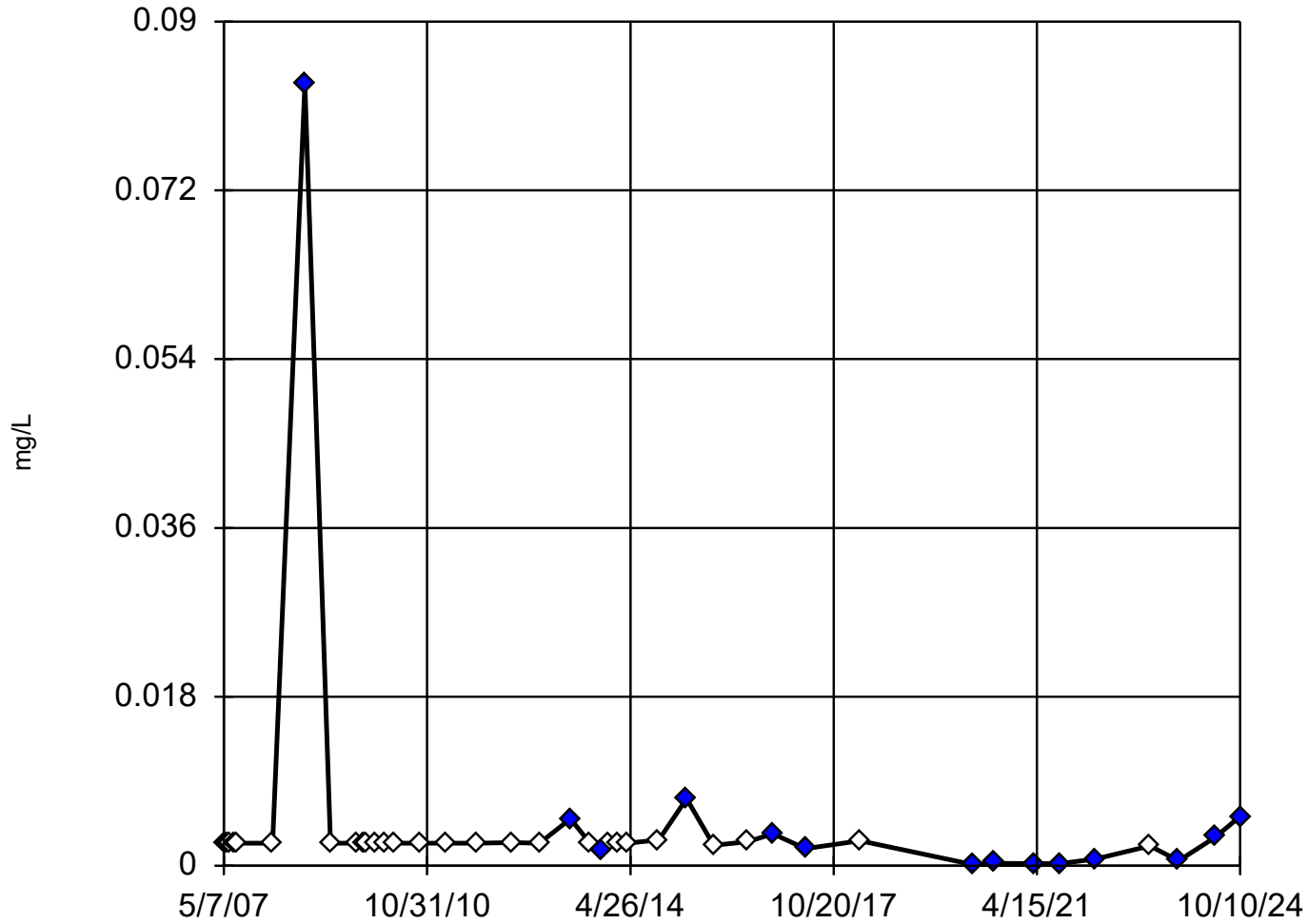
Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 0.009358, low cutoff = 0.0002208, based on IQR multiplier of 3.

Constituent: Chromium Analysis Run 12/3/2024 3:42 PM View: Phase II - Appendix I Metals Time Series
Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE PII PRIME flat

Tukey's Outlier Screening

GU-4



n = 41

Outliers are drawn as solid.
Tukey's method used in lieu of parametric test because the Shapiro Wilk normality test failed at the 0.1 alpha level.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

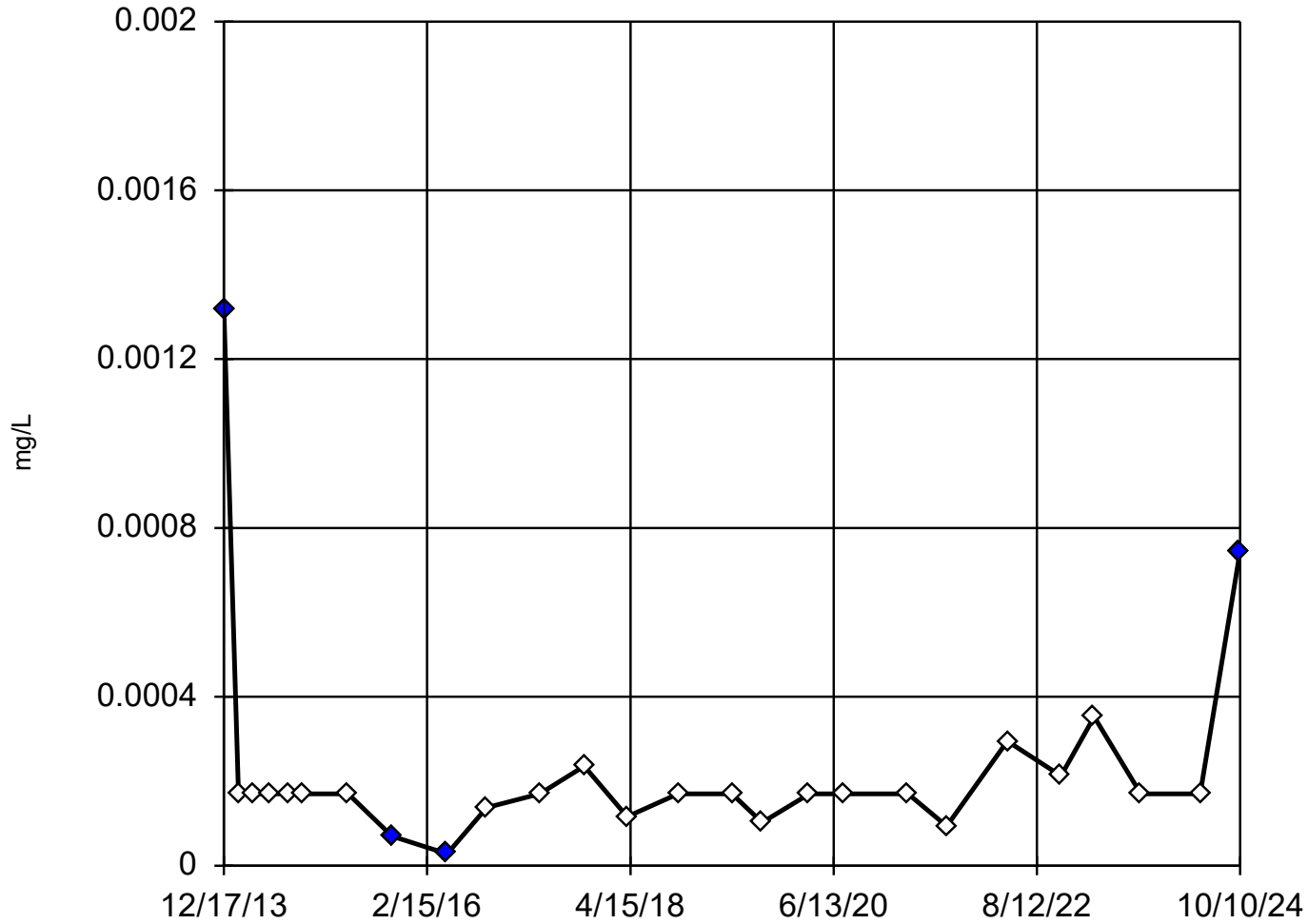
High cutoff = 0.002959,
low cutoff = 0.001877,
based on IQR multiplier of 3.

Constituent: Cobalt Analysis Run 12/3/2024 3:42 PM View: Phase II - Appendix I Metals Time Series

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE PII PRIME flat

Tukey's Outlier Screening

MW-67



n = 26

Outliers are drawn as solid.
Tukey's method used in lieu of parametric test because the Shapiro Wilk normality test failed at the 0.1 alpha level.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

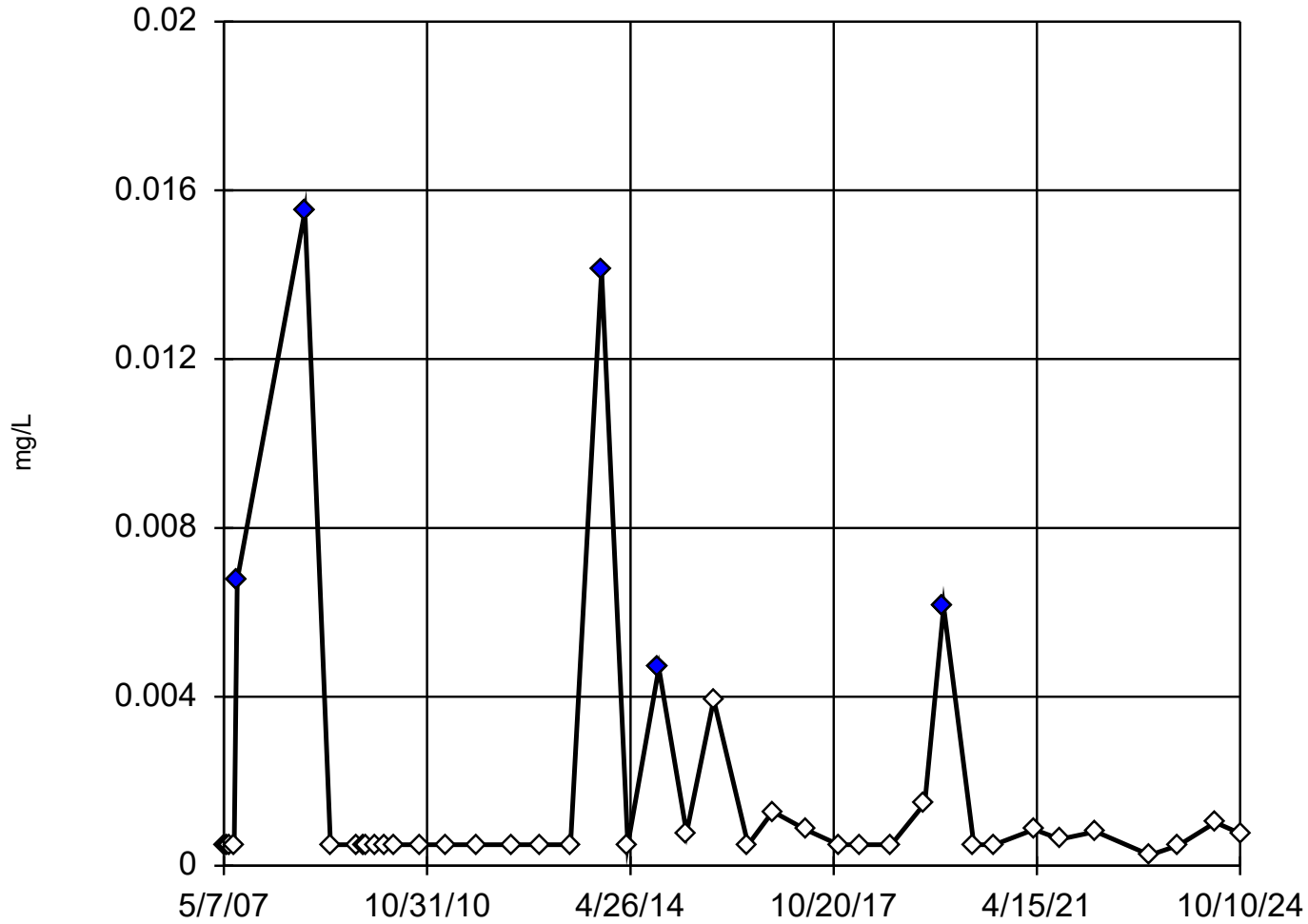
High cutoff = 0.0003649, low cutoff = 0.00007988, based on IQR multiplier of 3.

Constituent: Cobalt Analysis Run 12/3/2024 3:42 PM View: Phase II - Appendix I Metals Time Series

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE PII PRIME flat

Tukey's Outlier Screening

GU-3



n = 41

Outliers are drawn as solid.
Tukey's method used in lieu of parametric test because the Shapiro Wilk normality test failed at the 0.1 alpha level.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

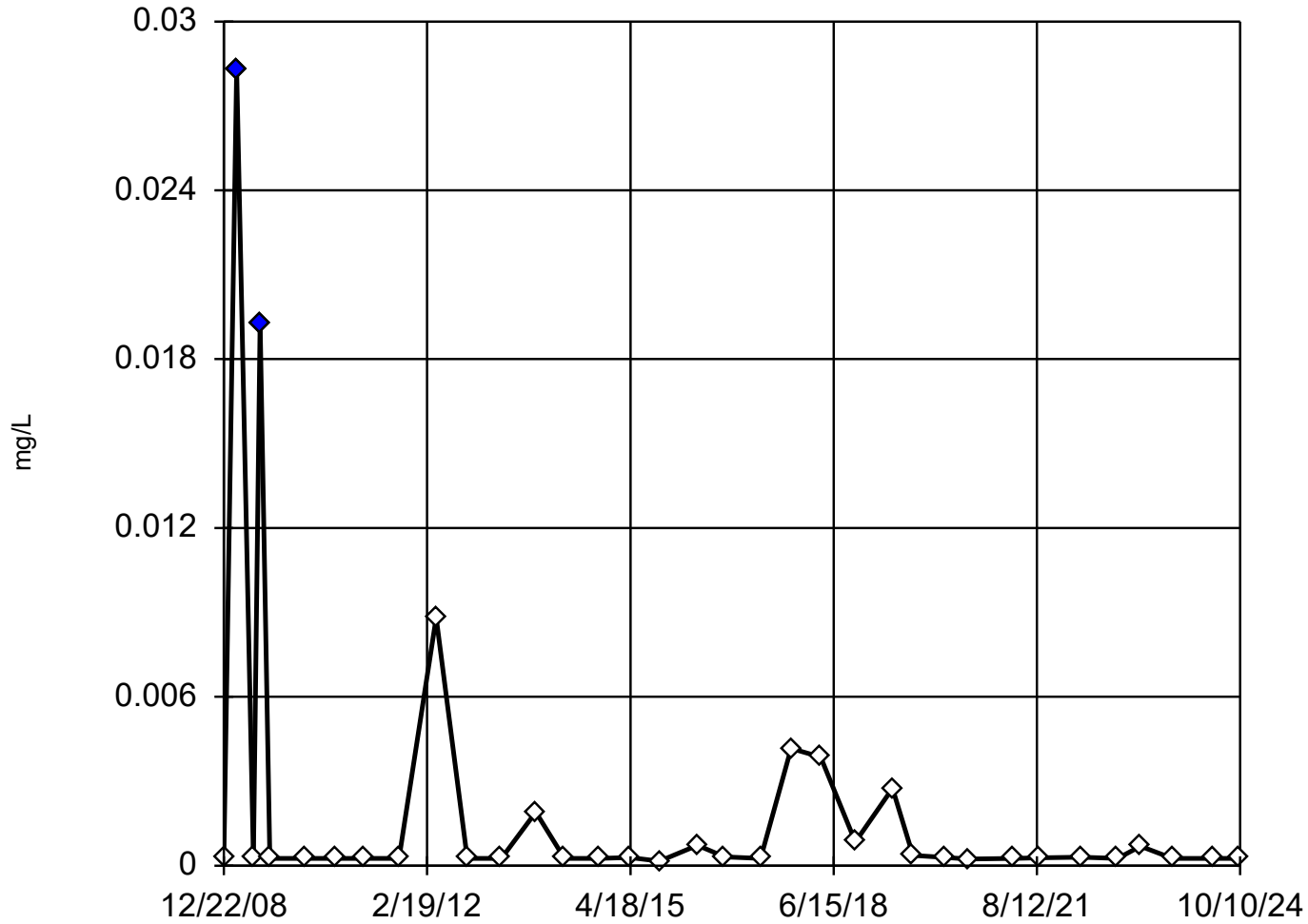
High cutoff = 0.004325,
low cutoff = 0.00009912,
based on IQR multiplier of 3.

Constituent: Lead Analysis Run 12/3/2024 3:43 PM View: Phase II - Appendix I Metals Time Series

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE PII PRIME flat

Tukey's Outlier Screening

MW-B



n = 35

Outliers are drawn as solid.
 Tukey's method used in lieu of parametric test because the Shapiro Wilk normality test failed at the 0.1 alpha level.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

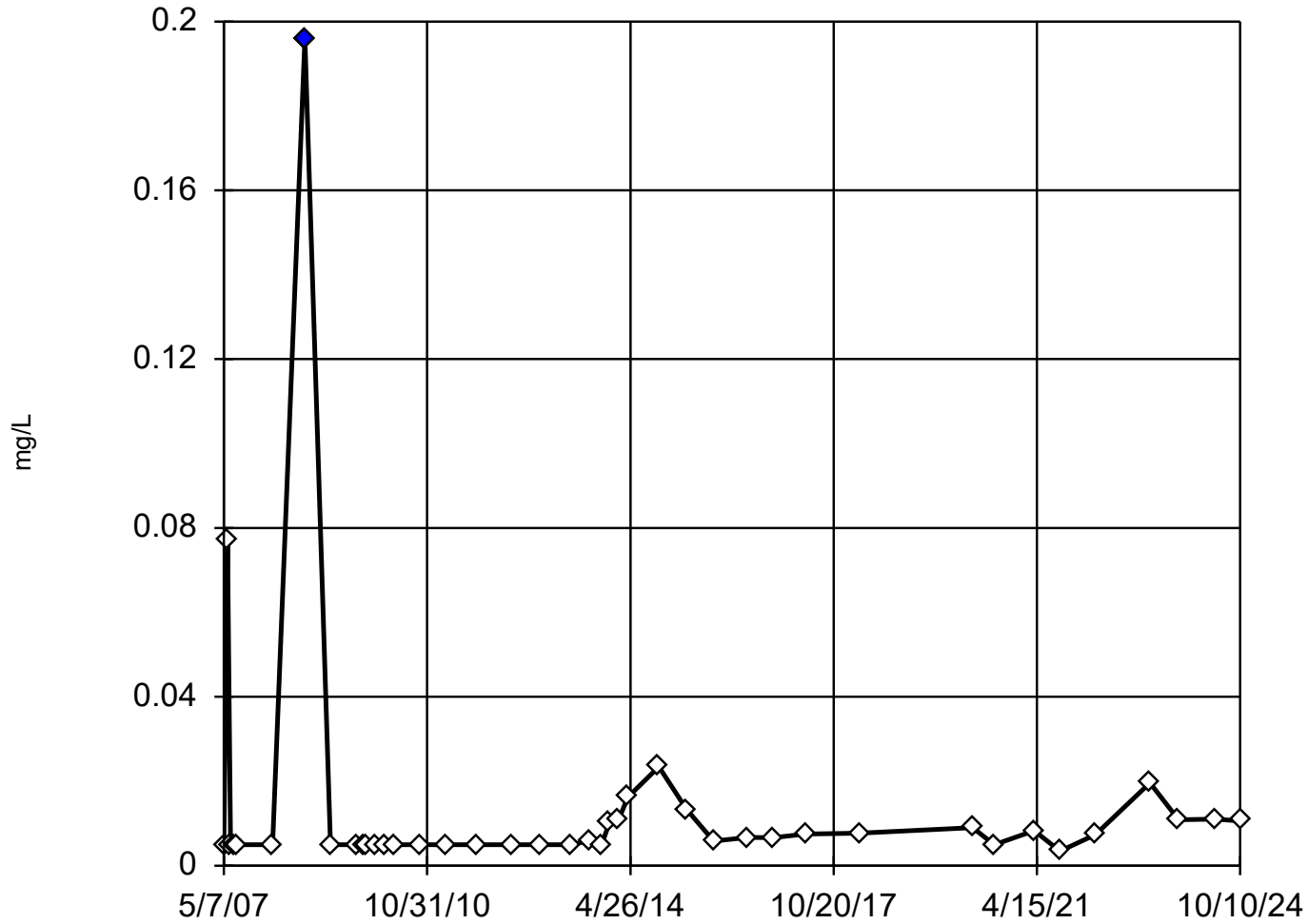
High cutoff = 0.01598,
 low cutoff = 0.00001184,
 based on IQR multiplier of 3.

Constituent: Lead Analysis Run 12/3/2024 3:43 PM View: Phase II - Appendix I Metals Time Series

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE PII PRIME flat

Tukey's Outlier Screening

GU-4



n = 41

Outlier is drawn as solid. Tukey's method used in lieu of parametric test because the Shapiro Wilk normality test failed at the 0.1 alpha level.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

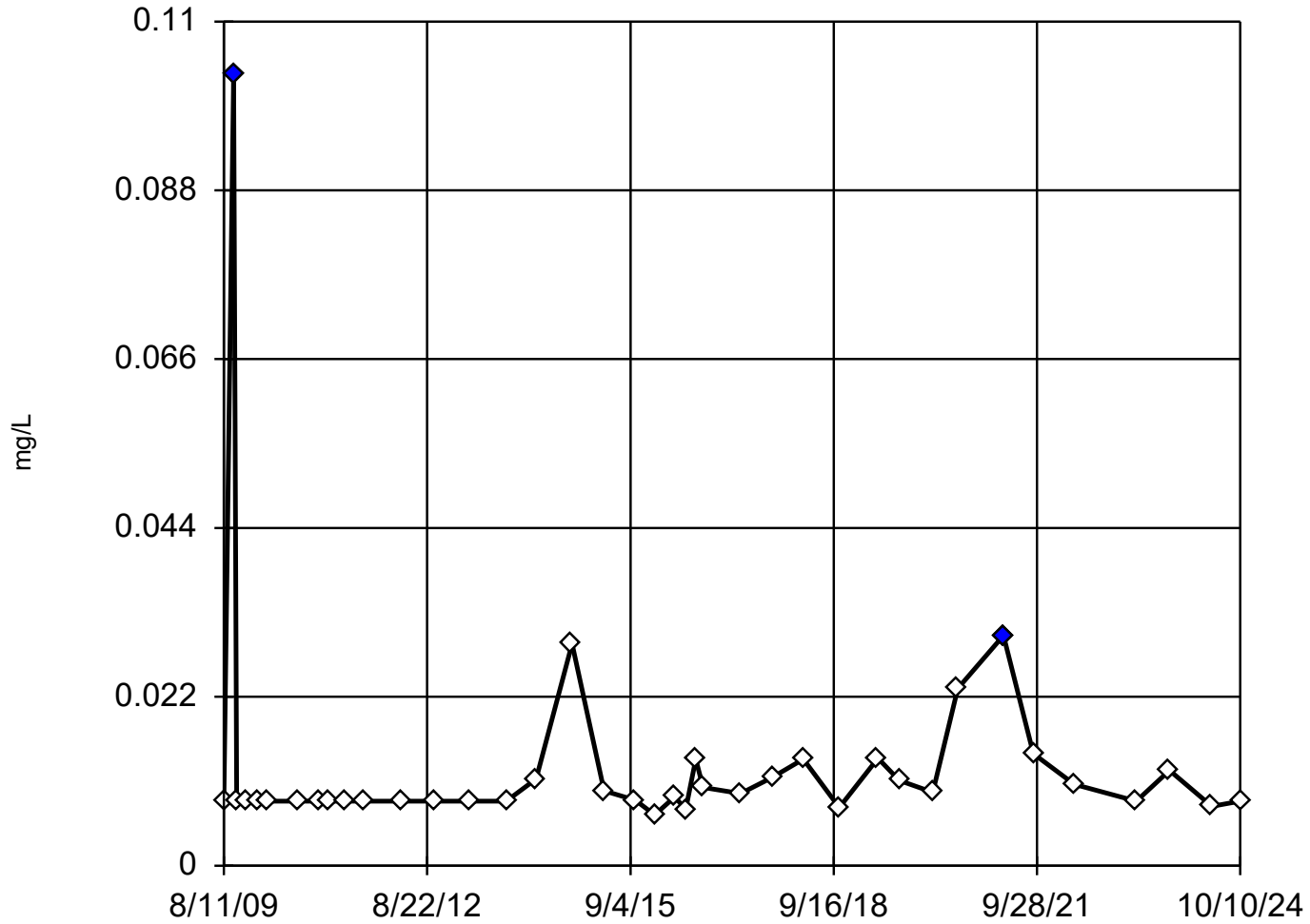
High cutoff = 0.09352, low cutoff = 0.0005559, based on IQR multiplier of 3.

Constituent: Nickel Analysis Run 12/3/2024 3:43 PM View: Phase II - Appendix I Metals Time Series

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE PII PRIME flat

Tukey's Outlier Screening

GU-5



n = 39

Outliers are drawn as solid.

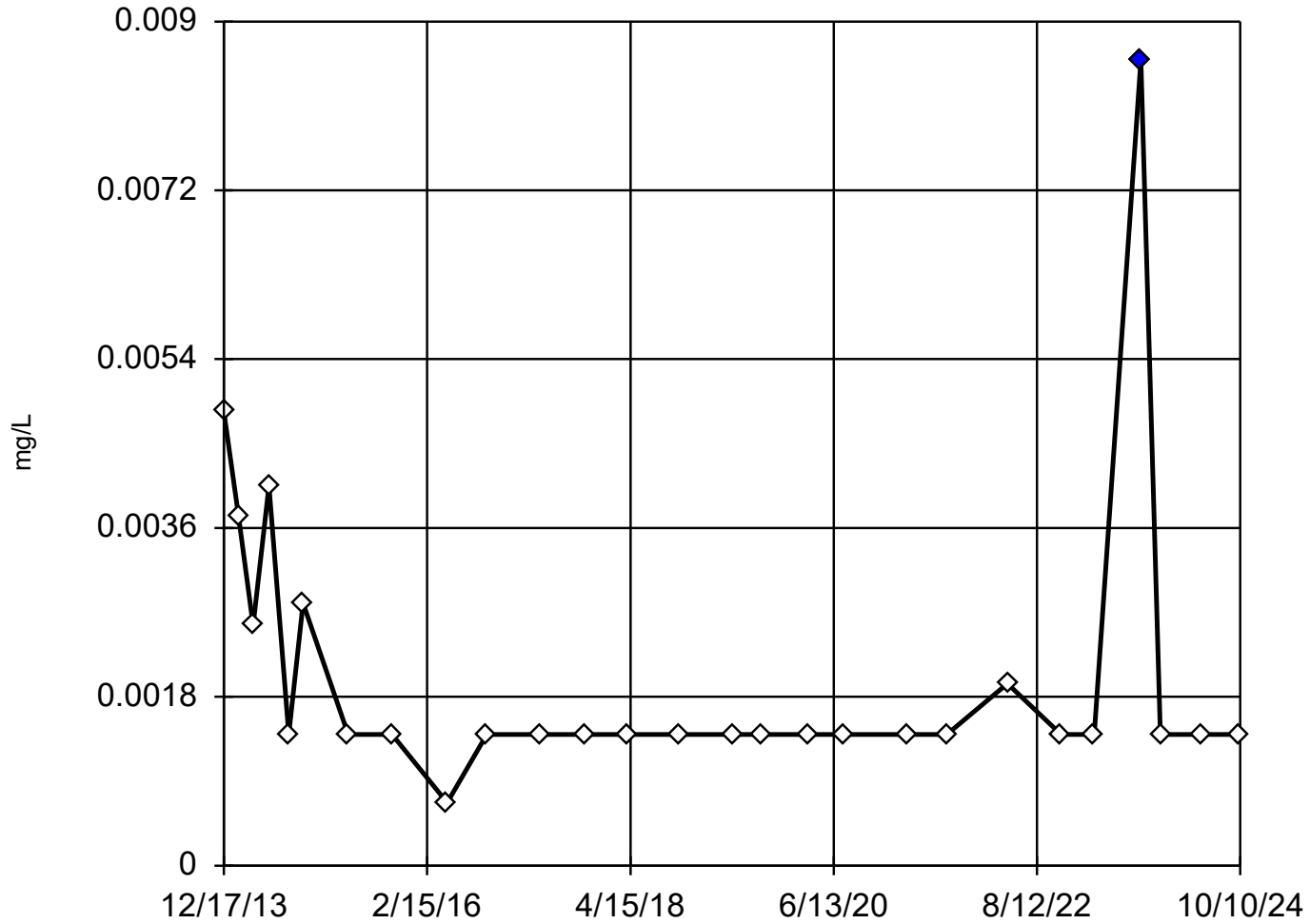
Tukey's method used in lieu of parametric test because the Shapiro Wilk normality test failed at the 0.1 alpha level.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 0.02951, low cutoff = 0.003274, based on IQR multiplier of 3.

Tukey's Outlier Screening

MW-67



n = 27

Outlier is drawn as solid. Tukey's method used in lieu of parametric test because the Shapiro Wilk normality test failed at the 0.1 alpha level.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

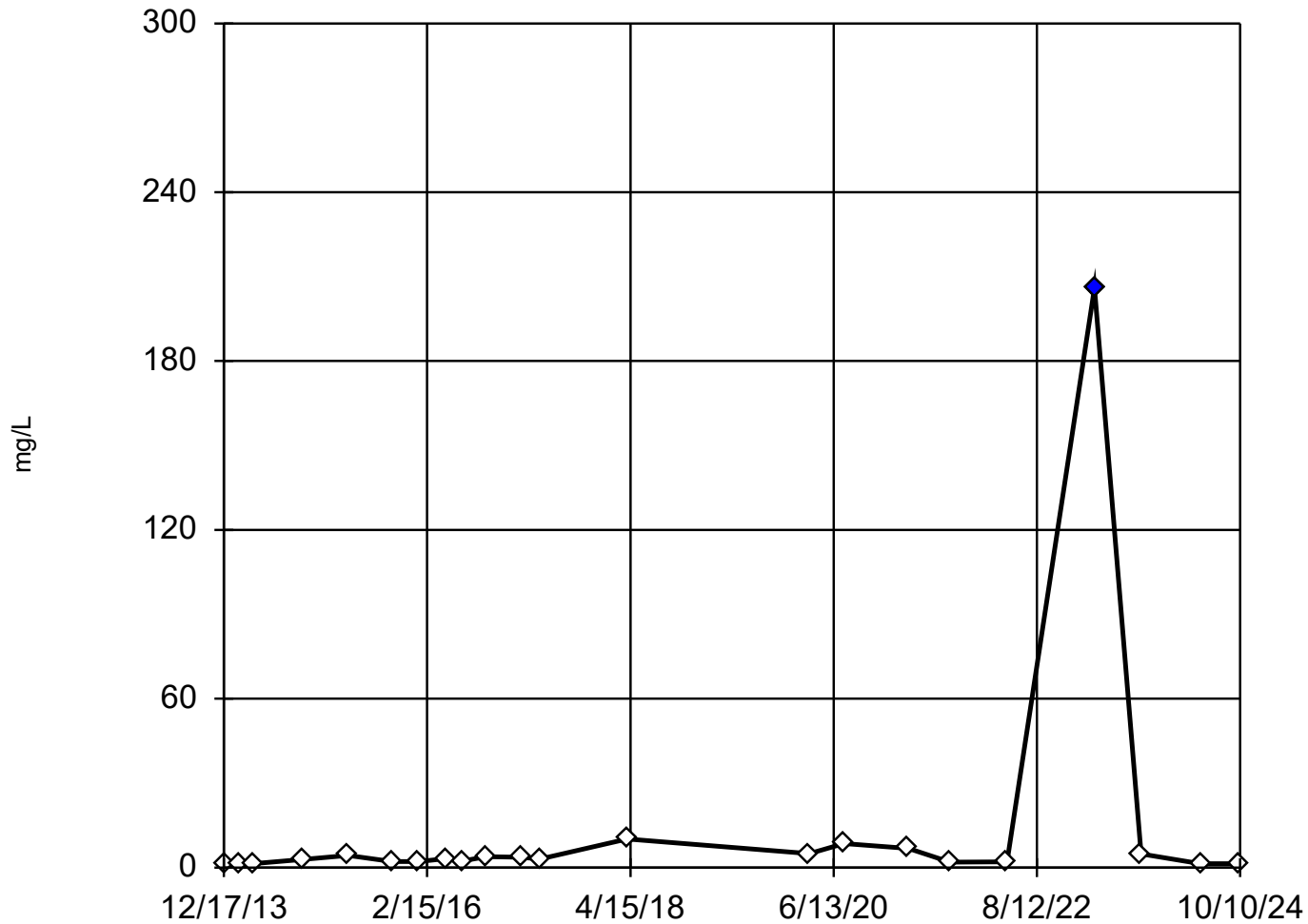
High cutoff = 0.005162, low cutoff = 0.0005261, based on IQR multiplier of 3.

Constituent: Selenium Analysis Run 12/3/2024 3:43 PM View: Phase II - Appendix I Metals Time Series

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE PII PRIME flat

Dixon's Outlier Test

GU-4



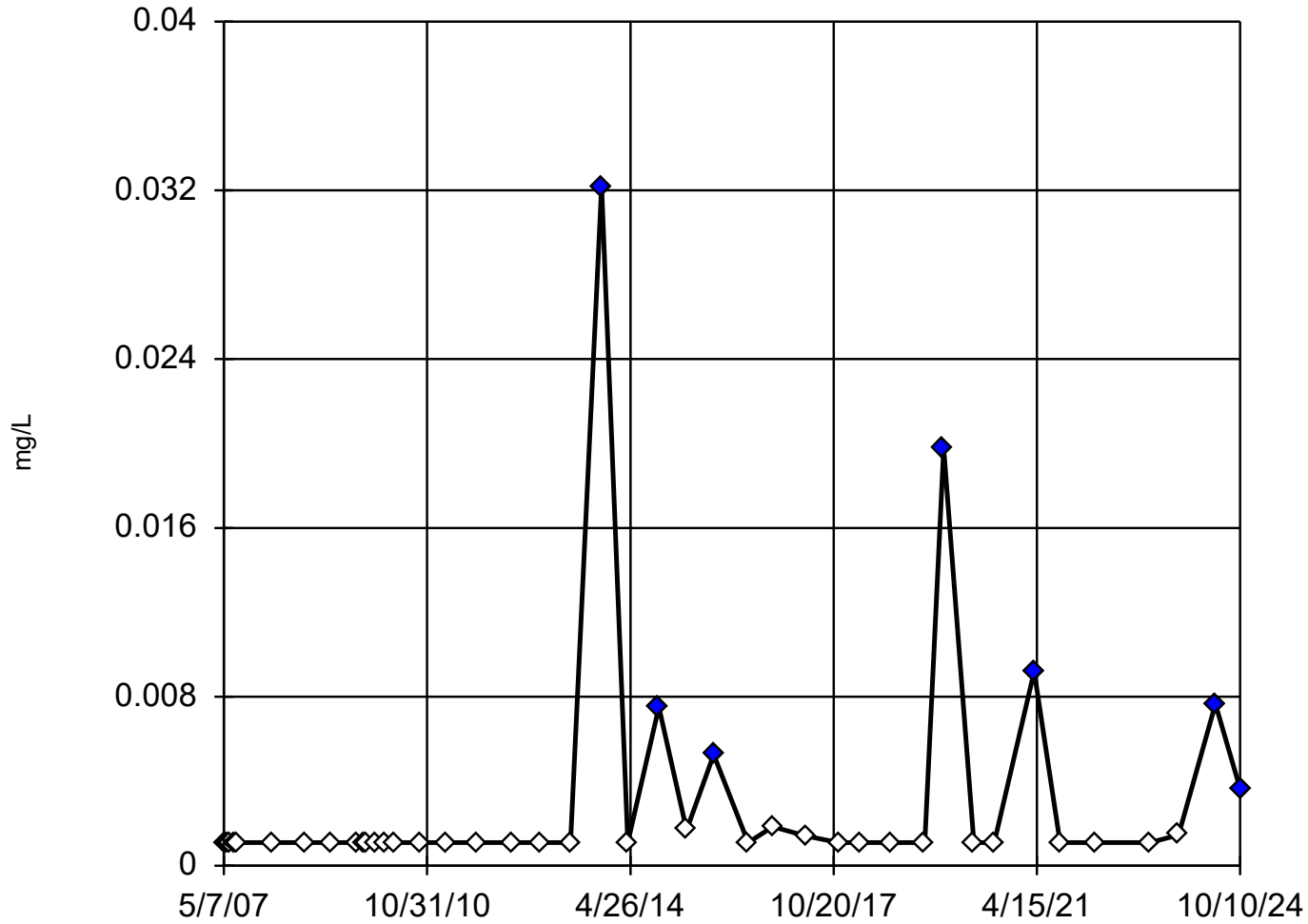
n = 22
Statistical outlier is drawn as solid.
1 value manually flagged as an outlier.
Testing for 1 high outlier.
Mean = 12.71.
Std. Dev. = 43.24.
206 (o): c = 0.6377
tab1 = 0.43.
Alpha = 0.05.

Normality test used:
Shapiro Wilk@alpha = 0.1
Calculated = 0.9309
Critical = 0.923 (after natural log transformation)
The distribution, after removal of suspect value, was found to be log-normal.

Constituent: Total Suspended Solids Analysis Run 12/3/2024 3:43 PM View: Phase II - Appendix I Metals
Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE PII PRIME flat

Tukey's Outlier Screening

GU-3



n = 42

Outliers are drawn as solid.
Tukey's method used in lieu of parametric test because the Shapiro Wilk normality test failed at the 0.1 alpha level.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 0.00314,
low cutoff = 0.0005008,
based on IQR multiplier of 3.

Constituent: Vanadium Analysis Run 12/3/2024 3:43 PM View: Phase II - Appendix I Metals Time Series

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE PII PRIME flat

Outlier Analysis

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE PII PRIME flat Printed 12/3/2024, 3:45 PM

Constituent	Well	Outlier	Value(s)	Date(s)	Method	Alpha	N	Mean	Std. Dev.	Distribution	Normality Test
Antimony (mg/L)	GU-18	n/a	n/a	n/a	NP (nrm)	NaN	5	0.00069	0	unknown	ShapiroWilk
Antimony (mg/L)	GU-3	n/a	n/a	n/a	NP (nrm)	NaN	42	0.0009833	0.000108	unknown	ShapiroWilk
Antimony (mg/L)	GU-4	n/a	n/a	n/a	NP (nrm)	NaN	41	0.001546	0.002012	unknown	ShapiroWilk
Antimony (mg/L)	GU-5	n/a	n/a	n/a	NP (nrm)	NaN	39	0.001156	0.000972	unknown	ShapiroWilk
Antimony (mg/L)	MW-26 (bg)	n/a	n/a	n/a	NP (nrm)	NaN	33	0.001	0	unknown	ShapiroWilk
Antimony (mg/L)	MW-67	n/a	n/a	n/a	NP (nrm)	NaN	26	0.0008965	0.0002503	unknown	ShapiroWilk
Antimony (mg/L)	MW-B	n/a	n/a	n/a	NP (nrm)	NaN	35	0.0009913	0.00005155	unknown	ShapiroWilk
Antimony (mg/L)	MW-C	n/a	n/a	n/a	NP (nrm)	NaN	33	0.001	0	unknown	ShapiroWilk
Antimony (mg/L)	MW-E	n/a	n/a	n/a	NP (nrm)	NaN	6	0.001	0	unknown	ShapiroWilk
Arsenic (mg/L)	GU-18	No	n/a	n/a	NP (nrm)	NaN	5	0.005564	0.003337	unknown	ShapiroWilk
Arsenic (mg/L)	GU-3	Yes	0.203	5/8/2024	NP (nrm)	NaN	43	0.008925	0.03155	unknown	ShapiroWilk
Arsenic (mg/L)	GU-4	Yes	0.0038,0.0142,0.00162,...	7/30/2007,9/25/2008,4/14/20...	NP (nrm)	NaN	41	0.001136	0.002219	unknown	ShapiroWilk
Arsenic (mg/L)	GU-5	No	n/a	n/a	NP (nrm)	NaN	39	0.006761	0.01316	unknown	ShapiroWilk
Arsenic (mg/L)	MW-26 (bg)	n/a	n/a	n/a	NP (nrm)	NaN	33	0.0005396	0.00005501	unknown	ShapiroWilk
Arsenic (mg/L)	MW-67	n/a	n/a	n/a	NP (nrm)	NaN	26	0.0005739	0.000123	unknown	ShapiroWilk
Arsenic (mg/L)	MW-B	No	n/a	n/a	NP (nrm)	NaN	35	0.0009372	0.0008952	unknown	ShapiroWilk
Arsenic (mg/L)	MW-C	Yes	0.00134,0.001105,0.000...	10/4/2016,10/17/2017,5/15/2...	NP (nrm)	NaN	34	0.0007706	0.0006099	unknown	ShapiroWilk
Arsenic (mg/L)	MW-E	No	n/a	n/a	EPA 1989	0.05	6	0.001341	0.0006287	normal	ShapiroWilk
Barium (mg/L)	GU-18	Yes	0.225	6/12/2012	Dixon's	0.05	5	0.07324	0.08529	normal	ShapiroWilk
Barium (mg/L)	GU-3	No	n/a	n/a	NP (nrm)	NaN	44	0.1884	0.1253	unknown	ShapiroWilk
Barium (mg/L)	GU-4	No	n/a	n/a	NP (nrm)	NaN	45	0.0813	0.2707	unknown	ShapiroWilk
Barium (mg/L)	GU-5	No	n/a	n/a	EPA 1989	0.05	39	0.1916	0.1134	normal	ShapiroWilk
Barium (mg/L)	MW-26 (bg)	Yes	0.262,0.262,0.244,0.0314	5/16/2007,8/8/2007,6/25/200...	Rosner's	0.01	33	0.08091	0.05731	ln(x)	ShapiroWilk
Barium (mg/L)	MW-67	No	n/a	n/a	EPA 1989	0.05	26	0.04073	0.014	ln(x)	ShapiroWilk
Barium (mg/L)	MW-B	Yes	0.259	12/2/2010	NP (nrm)	NaN	36	0.05948	0.03737	unknown	ShapiroWilk
Barium (mg/L)	MW-C	No	n/a	n/a	NP (nrm)	NaN	33	0.4191	0.1554	unknown	ShapiroWilk
Barium (mg/L)	MW-E	No	n/a	n/a	EPA 1989	0.05	6	0.5488	0.03643	normal	ShapiroWilk
Beryllium (mg/L)	GU-18	n/a	n/a	n/a	NP (nrm)	NaN	5	0.00027	0	unknown	ShapiroWilk
Beryllium (mg/L)	GU-3	n/a	n/a	n/a	NP (nrm)	NaN	42	0.000524	0.0007505	unknown	ShapiroWilk
Beryllium (mg/L)	GU-4	n/a	n/a	n/a	NP (nrm)	NaN	41	0.000402	0.0004607	unknown	ShapiroWilk
Beryllium (mg/L)	GU-5	n/a	n/a	n/a	NP (nrm)	NaN	39	0.0005985	0.001677	unknown	ShapiroWilk
Beryllium (mg/L)	MW-26 (bg)	n/a	n/a	n/a	NP (nrm)	NaN	33	0.00033	0	unknown	ShapiroWilk
Beryllium (mg/L)	MW-67	n/a	n/a	n/a	NP (nrm)	NaN	27	0.0004022	0.0003753	unknown	ShapiroWilk
Beryllium (mg/L)	MW-B	n/a	n/a	n/a	NP (nrm)	NaN	35	0.0004334	0.0004588	unknown	ShapiroWilk
Beryllium (mg/L)	MW-C	n/a	n/a	n/a	NP (nrm)	NaN	33	0.000327	0.00001732	unknown	ShapiroWilk
Beryllium (mg/L)	MW-E	n/a	n/a	n/a	NP (nrm)	NaN	6	0.00033	0	unknown	ShapiroWilk
Cadmium (mg/L)	GU-18	n/a	n/a	n/a	NP (nrm)	NaN	5	0.000347	0.0001185	unknown	ShapiroWilk
Cadmium (mg/L)	GU-3	No	n/a	n/a	NP (nrm)	NaN	42	0.0005975	0.001338	unknown	ShapiroWilk
Cadmium (mg/L)	GU-4	Yes	0.00436,0.00216,0.000641	9/25/2008,10/19/2009,2/11/2010	NP (nrm)	NaN	41	0.0002844	0.0007308	unknown	ShapiroWilk
Cadmium (mg/L)	GU-5	n/a	n/a	n/a	NP (nrm)	NaN	39	0.0002108	0.000596	unknown	ShapiroWilk
Cadmium (mg/L)	MW-26 (bg)	n/a	n/a	n/a	NP (nrm)	NaN	33	0.0001011	0.00001966	unknown	ShapiroWilk
Cadmium (mg/L)	MW-67	n/a	n/a	n/a	NP (nrm)	NaN	26	0.00009708	0.00001309	unknown	ShapiroWilk
Cadmium (mg/L)	MW-B	Yes	0.00246,0.000804,0.00132	3/5/2009,6/8/2009,7/16/2009	NP (nrm)	NaN	35	0.0002547	0.0004557	unknown	ShapiroWilk
Cadmium (mg/L)	MW-C	n/a	n/a	n/a	NP (nrm)	NaN	33	0.0001042	0.00002983	unknown	ShapiroWilk
Cadmium (mg/L)	MW-E	No	n/a	n/a	NP (nrm)	NaN	6	0.000105	0.00001225	unknown	ShapiroWilk
Chromium (mg/L)	GU-18	n/a	n/a	n/a	NP (nrm)	NaN	5	0.0011	0	unknown	ShapiroWilk
Chromium (mg/L)	GU-3	Yes	0.023,0.0184,0.0142,0....	3/6/2008,9/9/2019,9/8/2021,...	NP (nrm)	NaN	42	0.003289	0.005099	unknown	ShapiroWilk
Chromium (mg/L)	GU-4	n/a	n/a	n/a	NP (nrm)	NaN	41	0.001515	0.002015	unknown	ShapiroWilk
Chromium (mg/L)	GU-5	n/a	n/a	n/a	NP (nrm)	NaN	39	0.001221	0.000245	unknown	ShapiroWilk
Chromium (mg/L)	MW-26 (bg)	No	n/a	n/a	NP (nrm)	NaN	33	0.01054	0.009979	unknown	ShapiroWilk

Outlier Analysis

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE PII PRIME flat Printed 12/3/2024, 3:45 PM

Constituent	Well	Outlier	Value(s)	Date(s)	Method	Alpha	N	Mean	Std. Dev.	Distribution	Normality Test
Chromium (mg/L)	MW-67	n/a	n/a	n/a	NP (nrm)	NaN	26	0.001218	0.00006982	unknown	ShapiroWilk
Chromium (mg/L)	MW-B	n/a	n/a	n/a	NP (nrm)	NaN	36	0.002207	0.004593	unknown	ShapiroWilk
Chromium (mg/L)	MW-C	n/a	n/a	n/a	NP (nrm)	NaN	33	0.001215	0.00008356	unknown	ShapiroWilk
Chromium (mg/L)	MW-E	n/a	n/a	n/a	NP (nrm)	NaN	6	0.0012	0	unknown	ShapiroWilk
Cobalt (mg/L)	GU-18	No	n/a	n/a	EPA 1989	0.05	5	0.001974	0.000694	normal	ShapiroWilk
Cobalt (mg/L)	GU-3	No	n/a	n/a	NP (nrm)	NaN	42	0.005927	0.01323	unknown	ShapiroWilk
Cobalt (mg/L)	GU-4	Yes	0.0833,0.00499,0.00156...	9/25/2008,4/16/2013,10/28/2...	NP (nrm)	NaN	41	0.004337	0.0127	unknown	ShapiroWilk
Cobalt (mg/L)	GU-5	No	n/a	n/a	NP (nrm)	NaN	39	0.00554	0.007774	unknown	ShapiroWilk
Cobalt (mg/L)	MW-26 (bg)	n/a	n/a	n/a	NP (nrm)	NaN	37	0.0002885	0.000603	unknown	ShapiroWilk
Cobalt (mg/L)	MW-67	Yes	0.00132,0.00007,0.0000...	12/17/2013,10/1/2015,5/3/20...	NP (nrm)	NaN	26	0.0002342	0.0002566	unknown	ShapiroWilk
Cobalt (mg/L)	MW-B	No	n/a	n/a	NP (nrm)	NaN	36	0.002012	0.004367	unknown	ShapiroWilk
Cobalt (mg/L)	MW-C	No	n/a	n/a	NP (nrm)	NaN	35	0.0005685	0.0012	unknown	ShapiroWilk
Cobalt (mg/L)	MW-E	No	n/a	n/a	EPA 1989	0.05	6	0.0005883	0.00008815	normal	ShapiroWilk
Lead (mg/L)	GU-18	No	n/a	n/a	NP (nrm)	NaN	5	0.001652	0.0007773	unknown	ShapiroWilk
Lead (mg/L)	GU-3	Yes	0.00677,0.0155,0.0141,...	7/30/2007,9/25/2008,10/28/2...	NP (nrm)	NaN	41	0.001764	0.003343	unknown	ShapiroWilk
Lead (mg/L)	GU-4	n/a	n/a	n/a	NP (nrm)	NaN	40	0.0003513	0.0002966	unknown	ShapiroWilk
Lead (mg/L)	GU-5	n/a	n/a	n/a	NP (nrm)	NaN	39	0.000955	0.004073	unknown	ShapiroWilk
Lead (mg/L)	MW-26 (bg)	n/a	n/a	n/a	NP (nrm)	NaN	33	0.00026	0	unknown	ShapiroWilk
Lead (mg/L)	MW-67	n/a	n/a	n/a	NP (nrm)	NaN	26	0.0002629	0.00001284	unknown	ShapiroWilk
Lead (mg/L)	MW-B	Yes	0.0283,0.0193	3/5/2009,7/16/2009	NP (nrm)	NaN	35	0.002229	0.00575	unknown	ShapiroWilk
Lead (mg/L)	MW-C	Yes	0.00195,0.000518,0.000...	8/16/2013,10/16/2018,5/15/2...	NP (nrm)	NaN	33	0.0003537	0.0003135	unknown	ShapiroWilk
Lead (mg/L)	MW-E	No	n/a	n/a	NP (nrm)	NaN	6	0.0003803	0.0002541	unknown	ShapiroWilk
Nickel (mg/L)	GU-18	No	n/a	n/a	NP (nrm)	NaN	5	0.02704	0.02098	unknown	ShapiroWilk
Nickel (mg/L)	GU-3	No	n/a	n/a	NP (nrm)	NaN	42	0.03517	0.0245	unknown	ShapiroWilk
Nickel (mg/L)	GU-4	Yes	0.196	9/25/2008	NP (nrm)	NaN	41	0.01384	0.03141	unknown	ShapiroWilk
Nickel (mg/L)	GU-5	Yes	0.103,0.03	10/2/2009,3/30/2021	NP (nrm)	NaN	39	0.01329	0.01565	unknown	ShapiroWilk
Nickel (mg/L)	MW-26 (bg)	n/a	n/a	n/a	NP (nrm)	NaN	33	0.002382	0.00172	unknown	ShapiroWilk
Nickel (mg/L)	MW-67	No	n/a	n/a	NP (nrm)	NaN	26	0.00574	0.004687	unknown	ShapiroWilk
Nickel (mg/L)	MW-B	No	n/a	n/a	NP (nrm)	NaN	35	0.003531	0.003355	unknown	ShapiroWilk
Nickel (mg/L)	MW-C	n/a	n/a	n/a	NP (nrm)	NaN	33	0.002228	0.001029	unknown	ShapiroWilk
Nickel (mg/L)	MW-E	No	n/a	n/a	NP (nrm)	NaN	6	0.002182	0.0002	unknown	ShapiroWilk
Selenium (mg/L)	GU-18	No	n/a	n/a	NP (nrm)	NaN	5	0.0163	0.008278	unknown	ShapiroWilk
Selenium (mg/L)	GU-3	n/a	n/a	n/a	NP (nrm)	NaN	42	0.001471	0.0003732	unknown	ShapiroWilk
Selenium (mg/L)	GU-4	n/a	n/a	n/a	NP (nrm)	NaN	41	0.001558	0.0009011	unknown	ShapiroWilk
Selenium (mg/L)	GU-5	n/a	n/a	n/a	NP (nrm)	NaN	39	0.001388	0.00006061	unknown	ShapiroWilk
Selenium (mg/L)	MW-26 (bg)	No	n/a	n/a	NP (nrm)	NaN	33	0.03837	0.02877	unknown	ShapiroWilk
Selenium (mg/L)	MW-67	Yes	0.00859	9/20/2023	NP (nrm)	NaN	27	0.002066	0.001619	unknown	ShapiroWilk
Selenium (mg/L)	MW-B	n/a	n/a	n/a	NP (nrm)	NaN	35	0.0014	0	unknown	ShapiroWilk
Selenium (mg/L)	MW-C	n/a	n/a	n/a	NP (nrm)	NaN	33	0.00143	0.0003147	unknown	ShapiroWilk
Selenium (mg/L)	MW-E	n/a	n/a	n/a	NP (nrm)	NaN	6	0.0014	0	unknown	ShapiroWilk
Silver (mg/L)	GU-18	n/a	n/a	n/a	NP (nrm)	NaN	5	0.00049	0	unknown	ShapiroWilk
Silver (mg/L)	GU-3	n/a	n/a	n/a	NP (nrm)	NaN	42	0.0005095	0.00006126	unknown	ShapiroWilk
Silver (mg/L)	GU-4	n/a	n/a	n/a	NP (nrm)	NaN	41	0.0006054	0.0007413	unknown	ShapiroWilk
Silver (mg/L)	GU-5	n/a	n/a	n/a	NP (nrm)	NaN	39	0.0005	0	unknown	ShapiroWilk
Silver (mg/L)	MW-26 (bg)	n/a	n/a	n/a	NP (nrm)	NaN	33	0.0004744	0.0001024	unknown	ShapiroWilk
Silver (mg/L)	MW-67	n/a	n/a	n/a	NP (nrm)	NaN	26	0.0004998	0.0001141	unknown	ShapiroWilk
Silver (mg/L)	MW-B	n/a	n/a	n/a	NP (nrm)	NaN	35	0.0004911	0.00005257	unknown	ShapiroWilk
Silver (mg/L)	MW-C	n/a	n/a	n/a	NP (nrm)	NaN	33	0.0006348	0.0007746	unknown	ShapiroWilk
Silver (mg/L)	MW-E	n/a	n/a	n/a	NP (nrm)	NaN	6	0.0005	0	unknown	ShapiroWilk
Thallium (mg/L)	GU-18	No	n/a	n/a	NP (nrm)	NaN	5	0.003263	0.001648	unknown	ShapiroWilk

Outlier Analysis

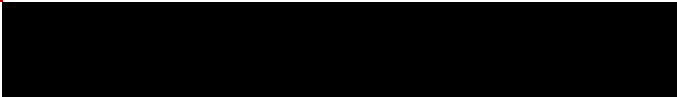
Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE PII PRIME flat Printed 12/3/2024, 3:45 PM

<u>Constituent</u>	<u>Well</u>	<u>Outlier</u>	<u>Value(s)</u>	<u>Date(s)</u>	<u>Method</u>	<u>Alpha</u>	<u>N</u>	<u>Mean</u>	<u>Std. Dev.</u>	<u>Distribution</u>	<u>Normality Test</u>
Thallium (mg/L)	GU-3	n/a	n/a	n/a	NP (nrm)	NaN	42	0.002171	0.0008582	unknown	ShapiroWilk
Thallium (mg/L)	GU-4	n/a	n/a	n/a	NP (nrm)	NaN	41	0.0005178	0.0001618	unknown	ShapiroWilk
Thallium (mg/L)	GU-5	n/a	n/a	n/a	NP (nrm)	NaN	39	0.002062	0.0006561	unknown	ShapiroWilk
Thallium (mg/L)	MW-26 (bg)	n/a	n/a	n/a	NP (nrm)	NaN	33	0.0005855	0.00008878	unknown	ShapiroWilk
Thallium (mg/L)	MW-67	n/a	n/a	n/a	NP (nrm)	NaN	26	0.0005177	0.0001536	unknown	ShapiroWilk
Thallium (mg/L)	MW-B	n/a	n/a	n/a	NP (nrm)	NaN	35	0.00057	0	unknown	ShapiroWilk
Thallium (mg/L)	MW-C	n/a	n/a	n/a	NP (nrm)	NaN	33	0.0006615	0.0005257	unknown	ShapiroWilk
Thallium (mg/L)	MW-E	n/a	n/a	n/a	NP (nrm)	NaN	6	0.00057	0	unknown	ShapiroWilk
Total Suspended Solids (mg/L)	GU-3	No	n/a	n/a	EPA 1989	0.05	25	856.5	2470	ln(x)	ShapiroWilk
Total Suspended Solids (mg/L)	GU-4	Yes	206	3/24/2023	Dixon's	0.05	22	12.71	43.24	ln(x)	ShapiroWilk
Total Suspended Solids (mg/L)	GU-5	No	n/a	n/a	EPA 1989	0.05	24	43.98	73.5	ln(x)	ShapiroWilk
Total Suspended Solids (mg/L)	MW-26 (bg)	No	n/a	n/a	NP (nrm)	NaN	22	1.614	0.5777	unknown	ShapiroWilk
Total Suspended Solids (mg/L)	MW-67	No	n/a	n/a	NP (nrm)	NaN	26	3.425	4.468	unknown	ShapiroWilk
Total Suspended Solids (mg/L)	MW-B	No	n/a	n/a	EPA 1989	0.05	22	10.41	13.31	ln(x)	ShapiroWilk
Total Suspended Solids (mg/L)	MW-C	No	n/a	n/a	EPA 1989	0.05	24	6.021	4.441	ln(x)	ShapiroWilk
Total Suspended Solids (mg/L)	MW-E	No	n/a	n/a	EPA 1989	0.05	6	8.663	8.603	ln(x)	ShapiroWilk
Vanadium (mg/L)	GU-18	n/a	n/a	n/a	NP (nrm)	NaN	5	0.0011	0	unknown	ShapiroWilk
Vanadium (mg/L)	GU-3	Yes	0.0322,0.00751,0.00527...	10/28/2013,10/21/2014,10/1/...	NP (nrm)	NaN	42	0.002995	0.005719	unknown	ShapiroWilk
Vanadium (mg/L)	GU-4	n/a	n/a	n/a	NP (nrm)	NaN	41	0.001163	0.0003905	unknown	ShapiroWilk
Vanadium (mg/L)	GU-5	n/a	n/a	n/a	NP (nrm)	NaN	39	0.003557	0.0151	unknown	ShapiroWilk
Vanadium (mg/L)	MW-26 (bg)	n/a	n/a	n/a	NP (nrm)	NaN	33	0.001116	0.0002293	unknown	ShapiroWilk
Vanadium (mg/L)	MW-67	n/a	n/a	n/a	NP (nrm)	NaN	26	0.001049	0.0001854	unknown	ShapiroWilk
Vanadium (mg/L)	MW-B	n/a	n/a	n/a	NP (nrm)	NaN	35	0.001258	0.000875	unknown	ShapiroWilk
Vanadium (mg/L)	MW-C	n/a	n/a	n/a	NP (nrm)	NaN	33	0.001047	0.000171	unknown	ShapiroWilk
Vanadium (mg/L)	MW-E	n/a	n/a	n/a	NP (nrm)	NaN	6	0.0011	0	unknown	ShapiroWilk
Zinc (mg/L)	GU-18	n/a	n/a	n/a	NP (nrm)	NaN	5	0.01	0	unknown	ShapiroWilk
Zinc (mg/L)	GU-3	No	n/a	n/a	NP (nrm)	NaN	44	0.4226	1.787	unknown	ShapiroWilk
Zinc (mg/L)	GU-4	No	n/a	n/a	NP (nrm)	NaN	41	0.07615	0.1023	unknown	ShapiroWilk
Zinc (mg/L)	GU-5	No	n/a	n/a	NP (nrm)	NaN	39	0.03574	0.07532	unknown	ShapiroWilk
Zinc (mg/L)	MW-26 (bg)	n/a	n/a	n/a	NP (nrm)	NaN	33	0.01683	0.01947	unknown	ShapiroWilk
Zinc (mg/L)	MW-67	n/a	n/a	n/a	NP (nrm)	NaN	26	0.02186	0.03926	unknown	ShapiroWilk
Zinc (mg/L)	MW-B	No	n/a	n/a	NP (nrm)	NaN	35	0.0349	0.0449	unknown	ShapiroWilk
Zinc (mg/L)	MW-C	n/a	n/a	n/a	NP (nrm)	NaN	34	0.02252	0.03402	unknown	ShapiroWilk
Zinc (mg/L)	MW-E	n/a	n/a	n/a	NP (nrm)	NaN	6	0.0097	0	unknown	ShapiroWilk



Phase II – Metals

Outliers Summary



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Flagged_Outliers

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE PII PRIME flat Printed 12/3/2024, 4:03 PM

GU-3 Antimony (mg/L) GU-4 Antimony (mg/L) GU-3 Arsenic (mg/L) GU-4 Arsenic (mg/L) GU-18 Barium (mg/L) GU-3 Barium (mg/L) GU-4 Barium (mg/L) GU-5 Barium (mg/L) MW-26 Barium (mg/L) MW-B Barium (mg/L)

Date	GU-3 Antimony (mg/L)	GU-4 Antimony (mg/L)	GU-3 Arsenic (mg/L)	GU-4 Arsenic (mg/L)	GU-18 Barium (mg/L)	GU-3 Barium (mg/L)	GU-4 Barium (mg/L)	GU-5 Barium (mg/L)	MW-26 Barium (mg/L)	MW-B Barium (mg/L)
5/16/2007									0.262 (o)	
5/29/2007										
6/25/2007									0.244 (o)	
8/8/2007									0.262 (o)	
3/6/2008	<0.001 (o)	<0.001 (o)	<0.00075 (o)	<0.00053 (o)						
9/25/2008				0.0142 (o)						
3/5/2009										
6/8/2009										
7/16/2009										
10/2/2009										
9/17/2010					0.612 (o)					
12/2/2010									0.259 (o)	
1/12/2011								0.548 (o)		
9/12/2011										
4/11/2012										
6/12/2012					0.225 (o)					
4/16/2013										
7/2/2013								1.85 (X,o)		
8/16/2013										
10/28/2013							0.544 (o)			
12/17/2013										
2/12/2014										
4/9/2014										
6/10/2014										
10/21/2014										
5/3/2016										
4/3/2018										
10/16/2018										
5/15/2019										
9/9/2019				0.0467 (o)						
7/23/2020										
11/14/2022										
3/24/2023										
9/20/2023									0.0314 (o)	
5/8/2024				0.203 (o)						



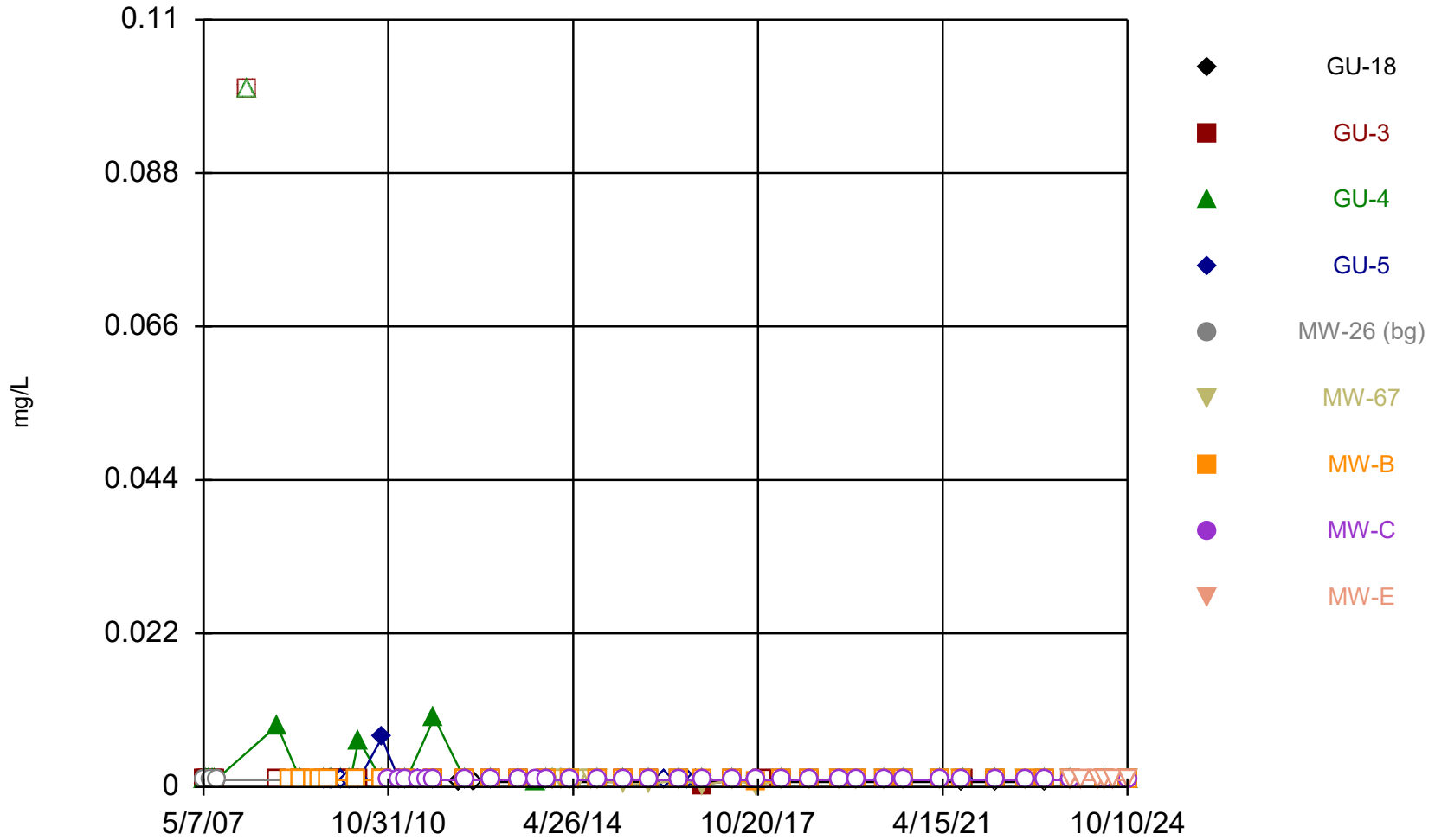
Phase II - Metals

Time Series Analysis



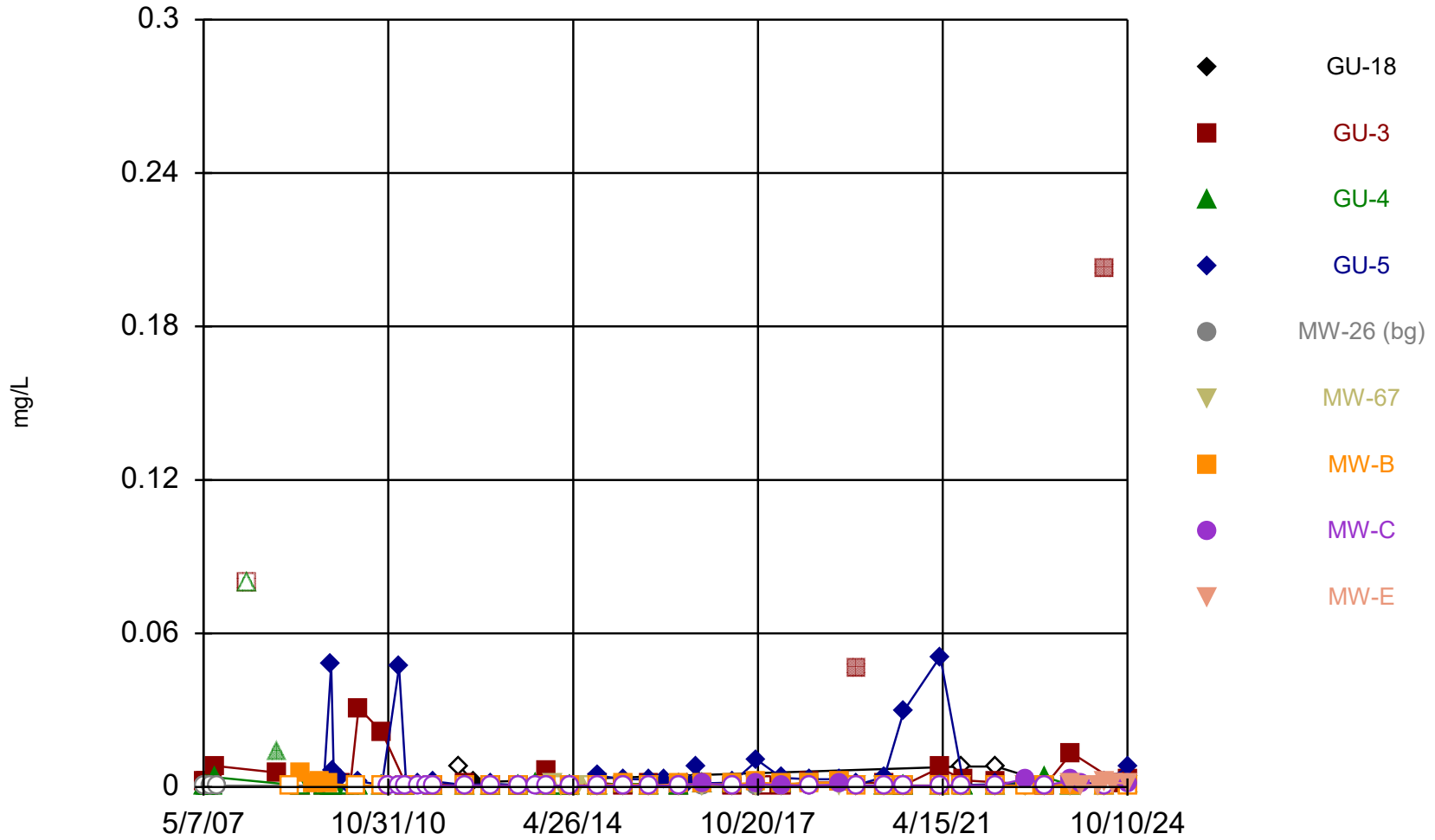
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Time Series



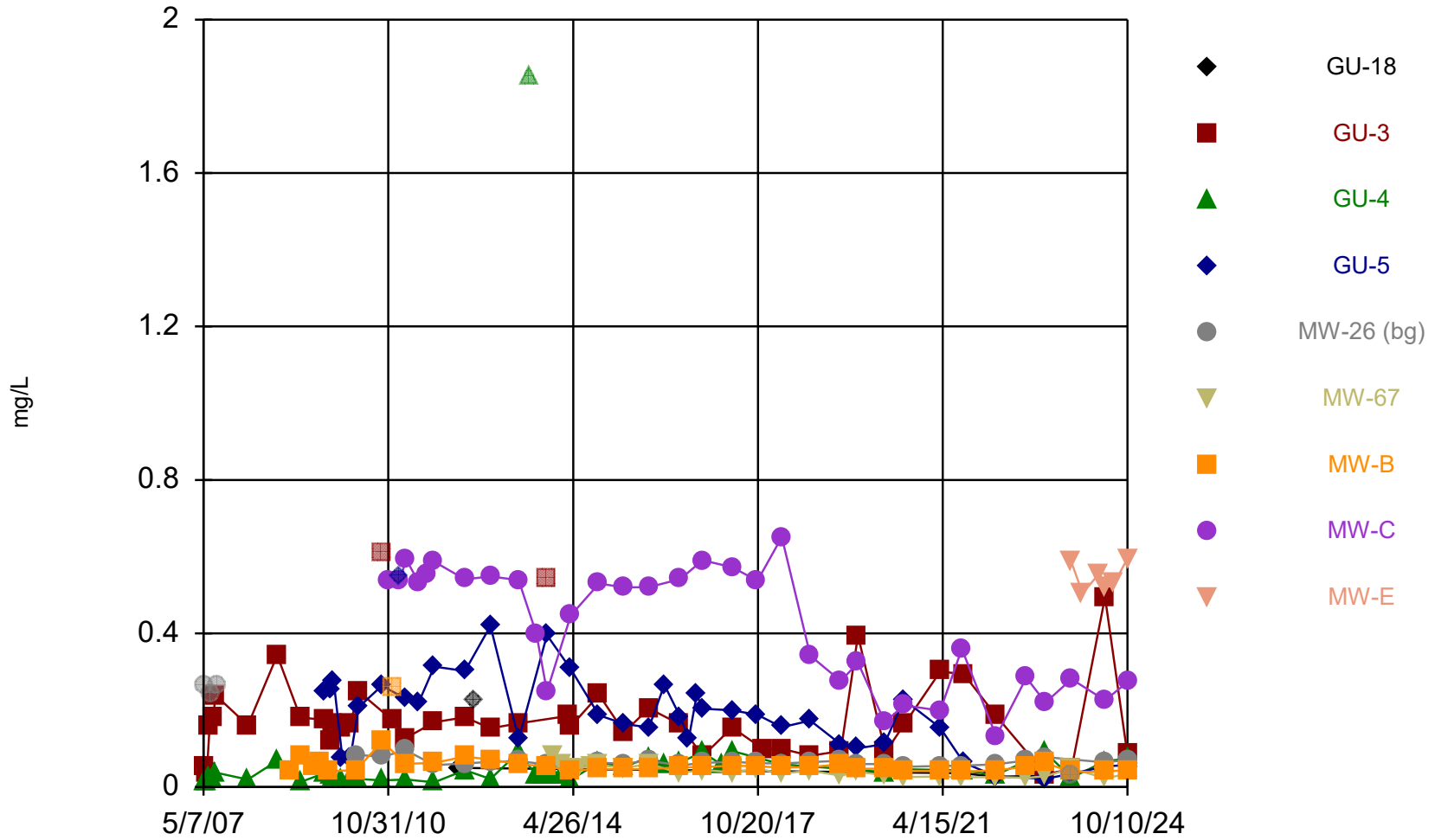
Constituent: Antimony Analysis Run 12/3/2024 3:54 PM View: Phase II - Appendix I Metals Time Series
Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE PII PRIME flat

Time Series



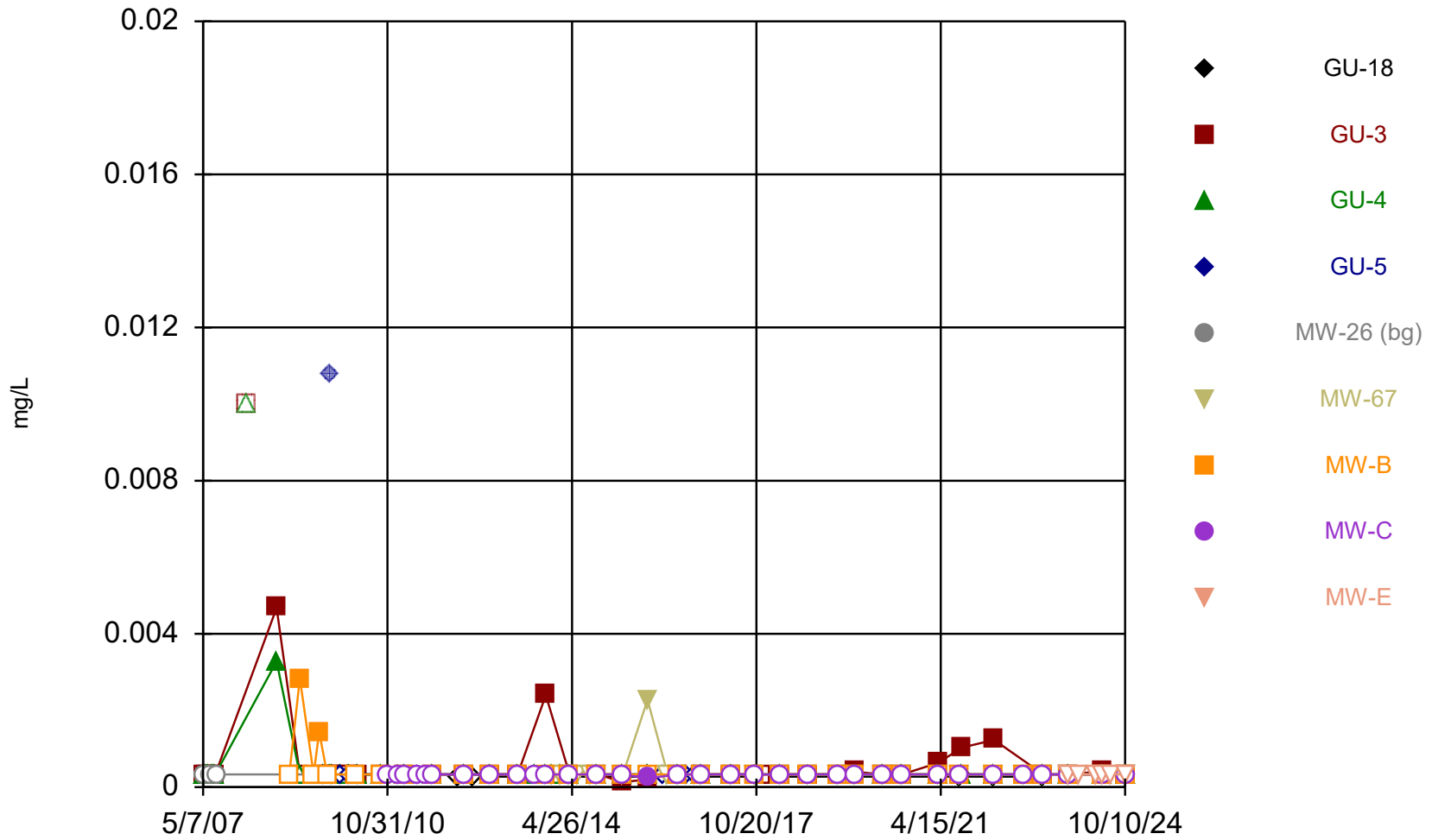
Constituent: Arsenic Analysis Run 12/3/2024 3:54 PM View: Phase II - Appendix I Metals Time Series
Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE PII PRIME flat

Time Series



Constituent: Barium Analysis Run 12/3/2024 3:54 PM View: Phase II - Appendix I Metals Time Series
Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE PII PRIME flat

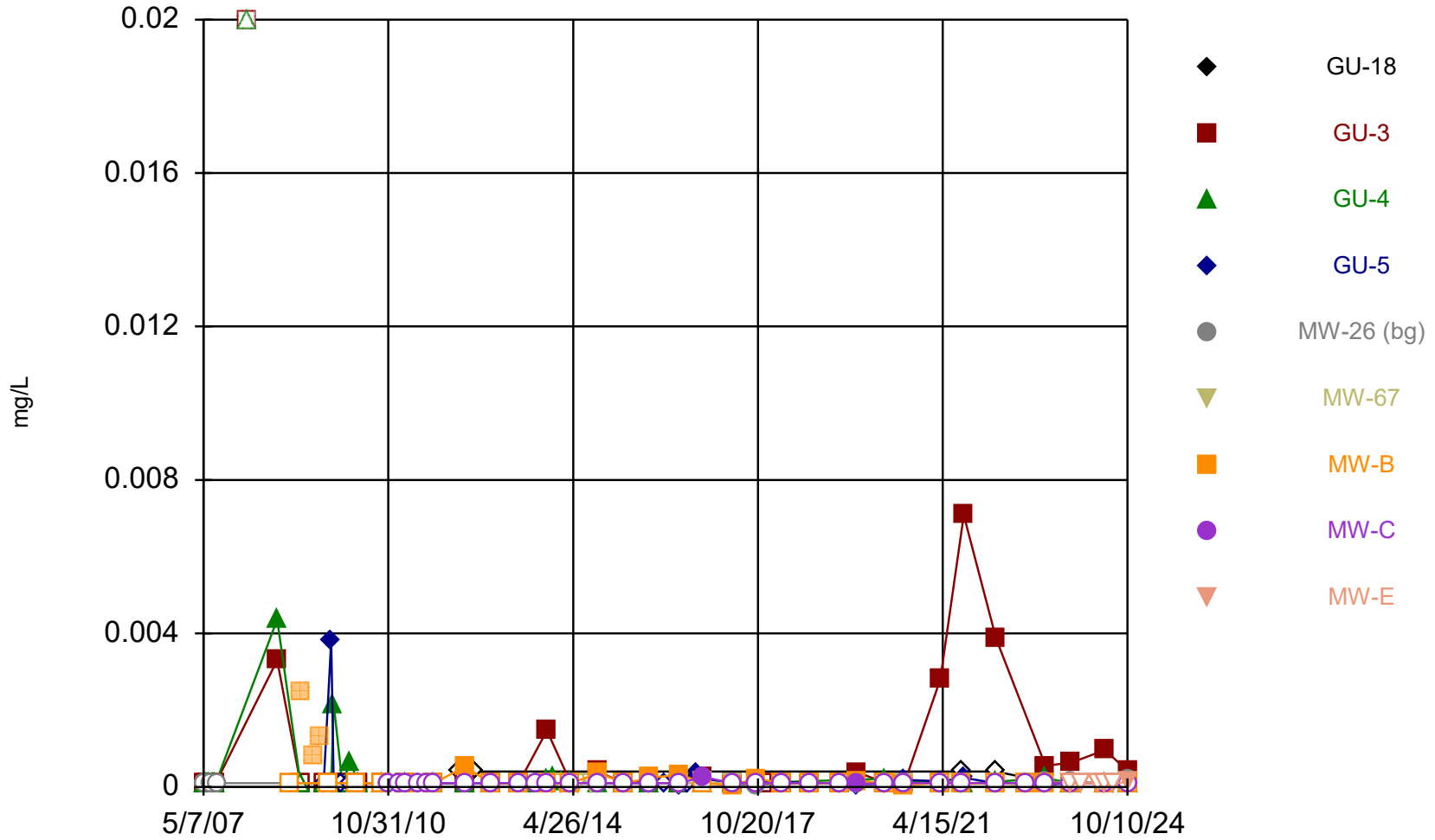
Time Series



Constituent: Beryllium Analysis Run 12/3/2024 3:54 PM View: Phase II - Appendix I Metals Time Series

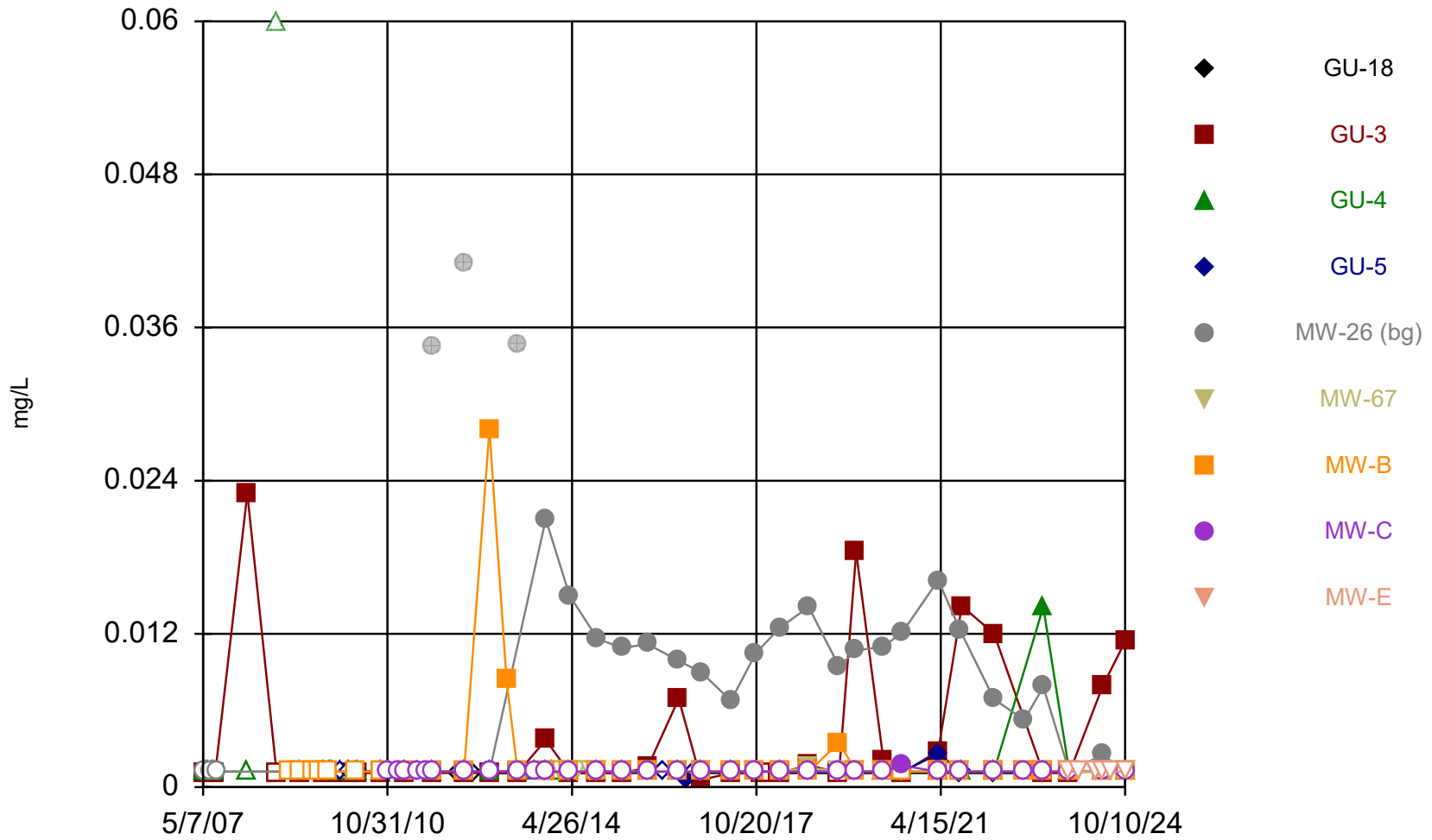
Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE PII PRIME flat

Time Series



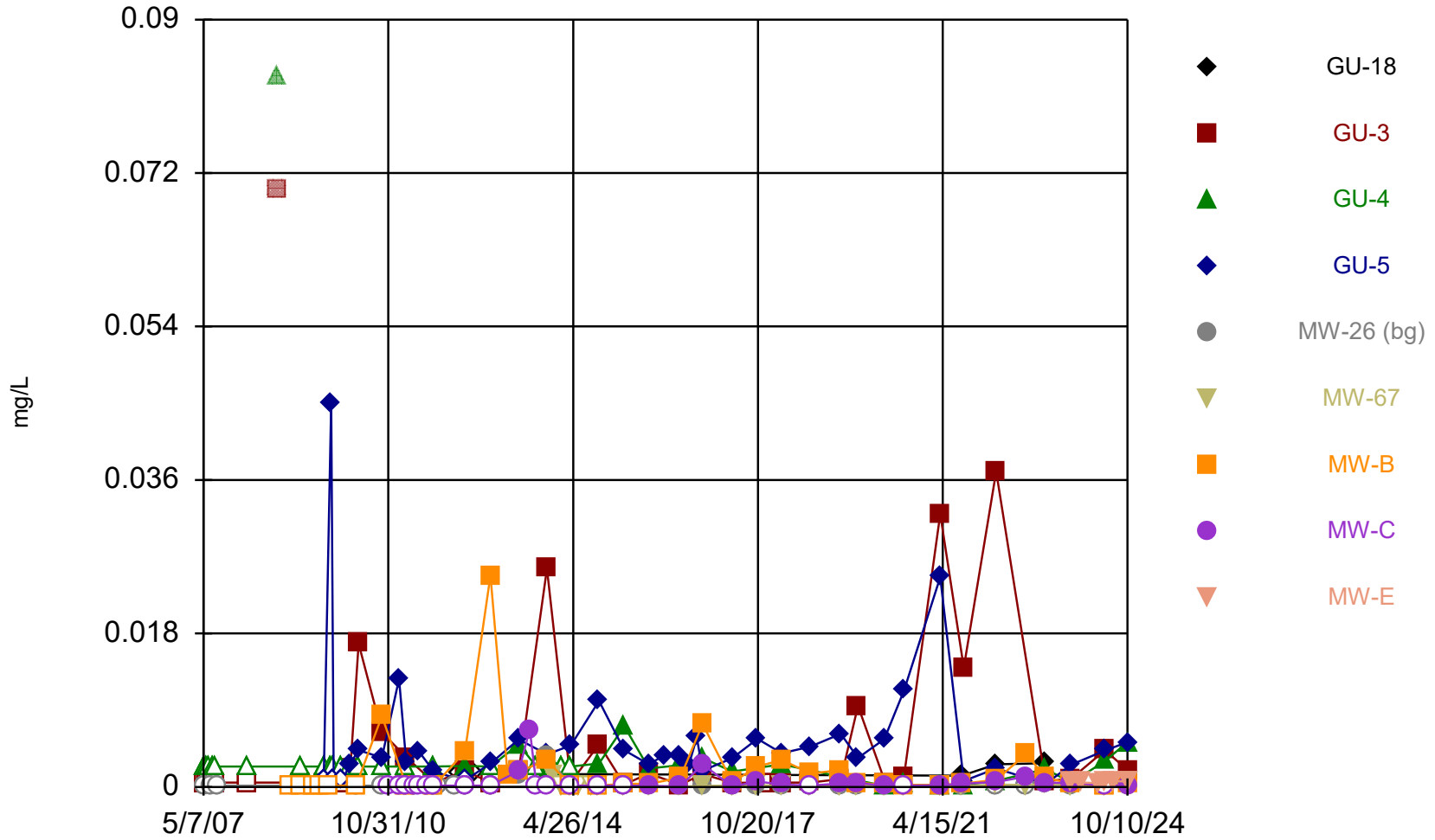
Constituent: Cadmium Analysis Run 12/3/2024 3:54 PM View: Phase II - Appendix I Metals Time Series
Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE PII PRIME flat

Time Series



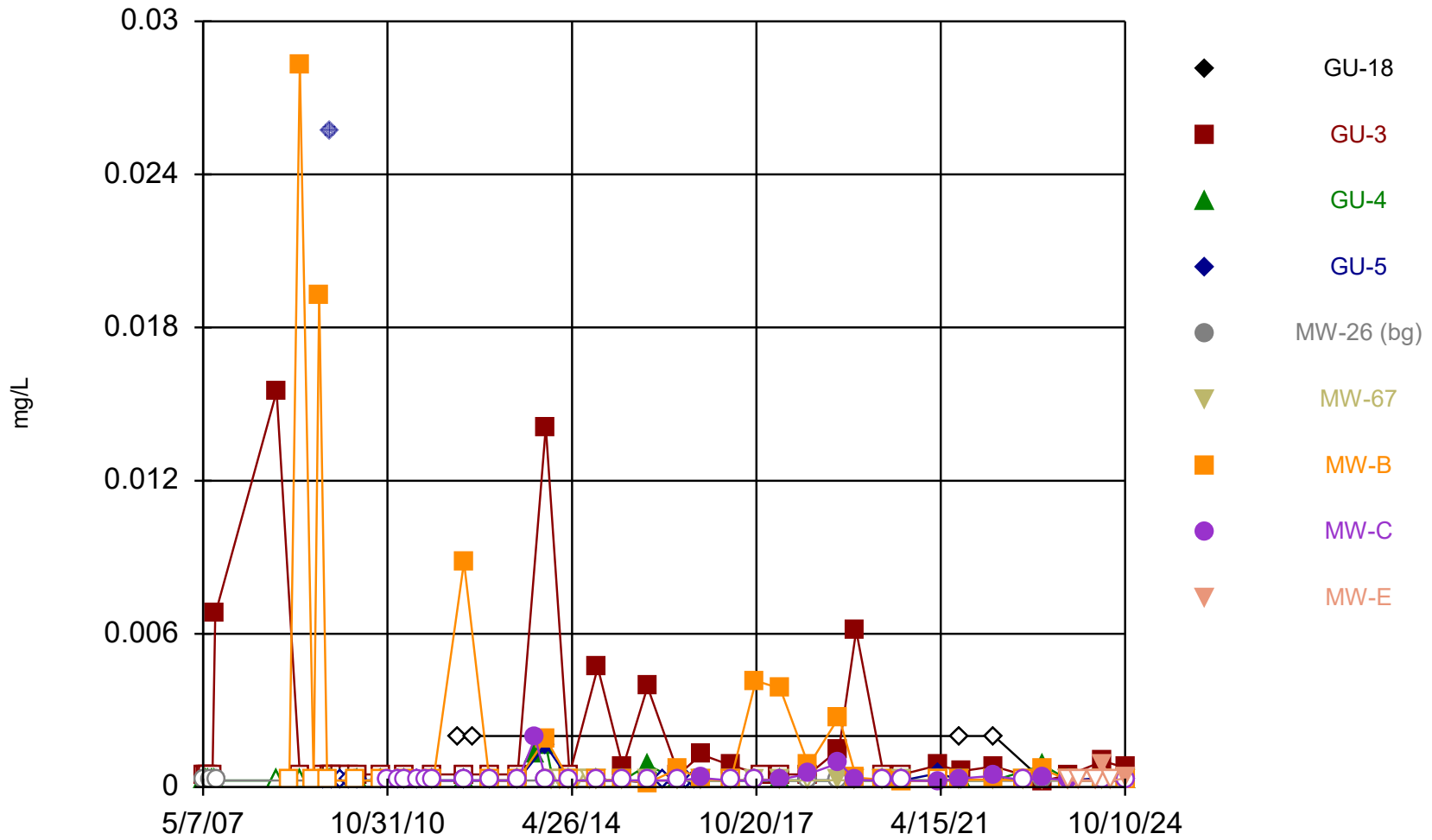
Constituent: Chromium Analysis Run 12/3/2024 3:54 PM View: Phase II - Appendix I Metals Time Series
Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE PII PRIME flat

Time Series



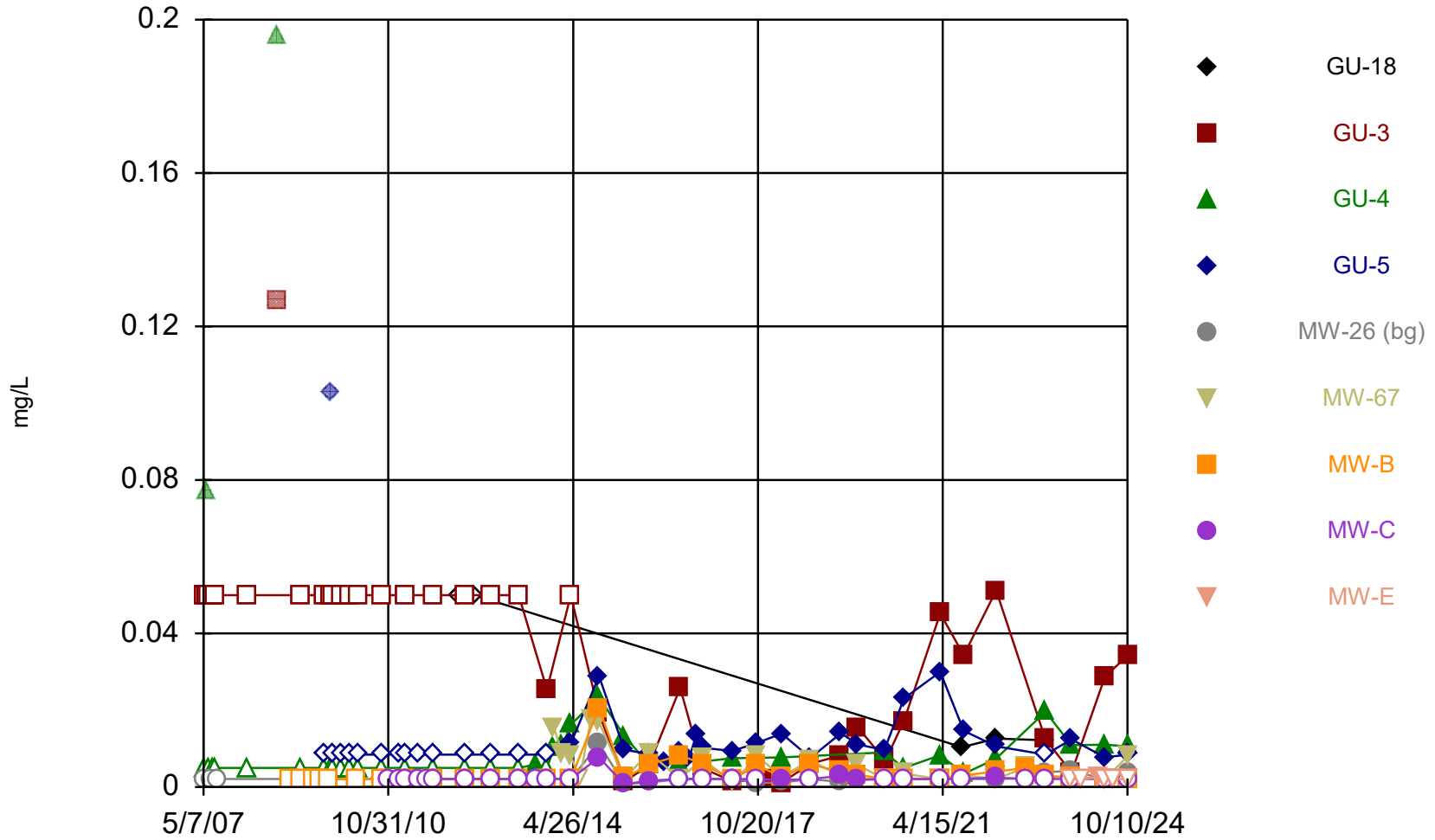
Constituent: Cobalt Analysis Run 12/3/2024 3:54 PM View: Phase II - Appendix I Metals Time Series
Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE PII PRIME flat

Time Series



Constituent: Lead Analysis Run 12/3/2024 3:54 PM View: Phase II - Appendix I Metals Time Series
Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE PII PRIME flat

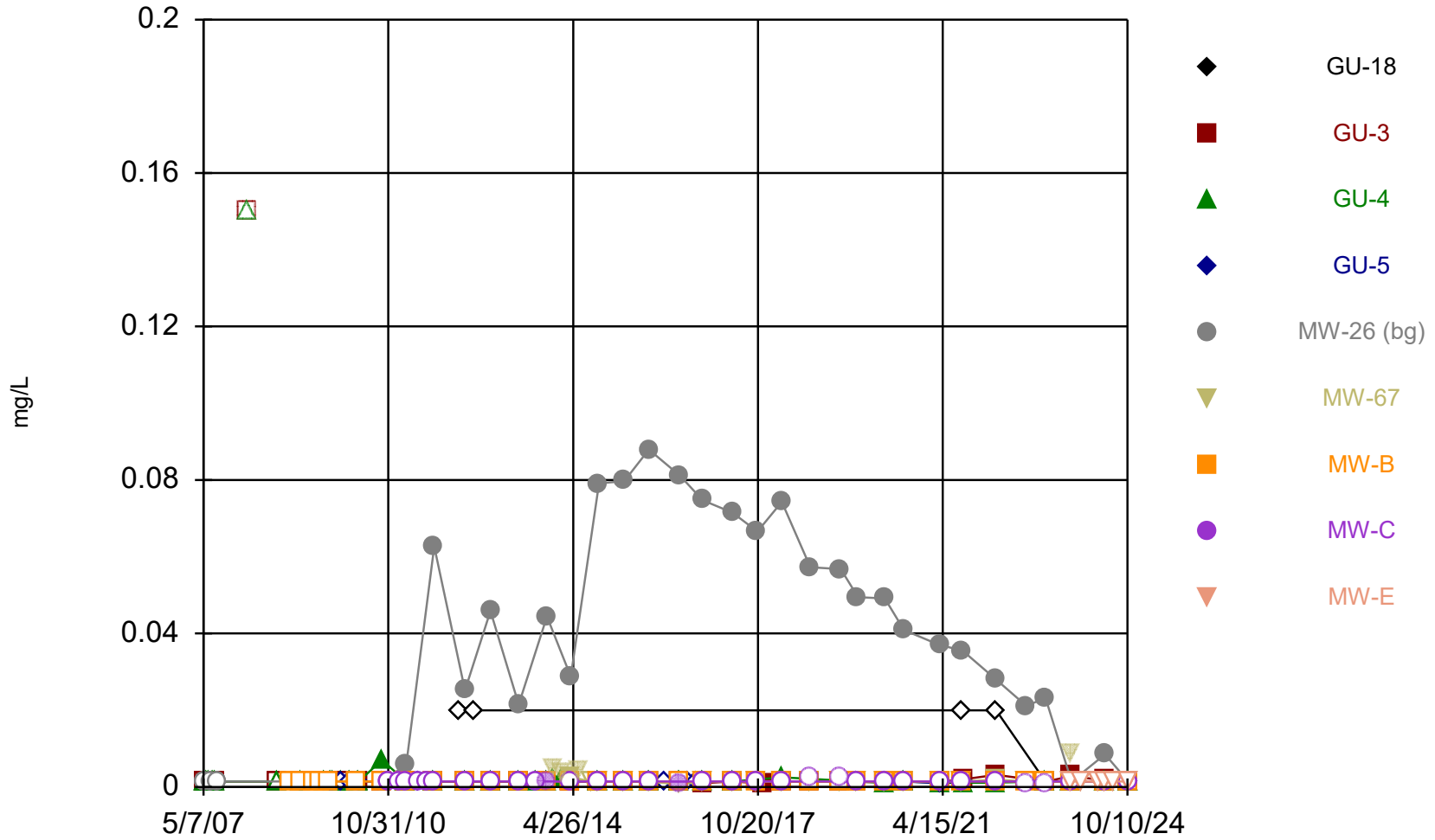
Time Series



Constituent: Nickel Analysis Run 12/3/2024 3:54 PM View: Phase II - Appendix I Metals Time Series

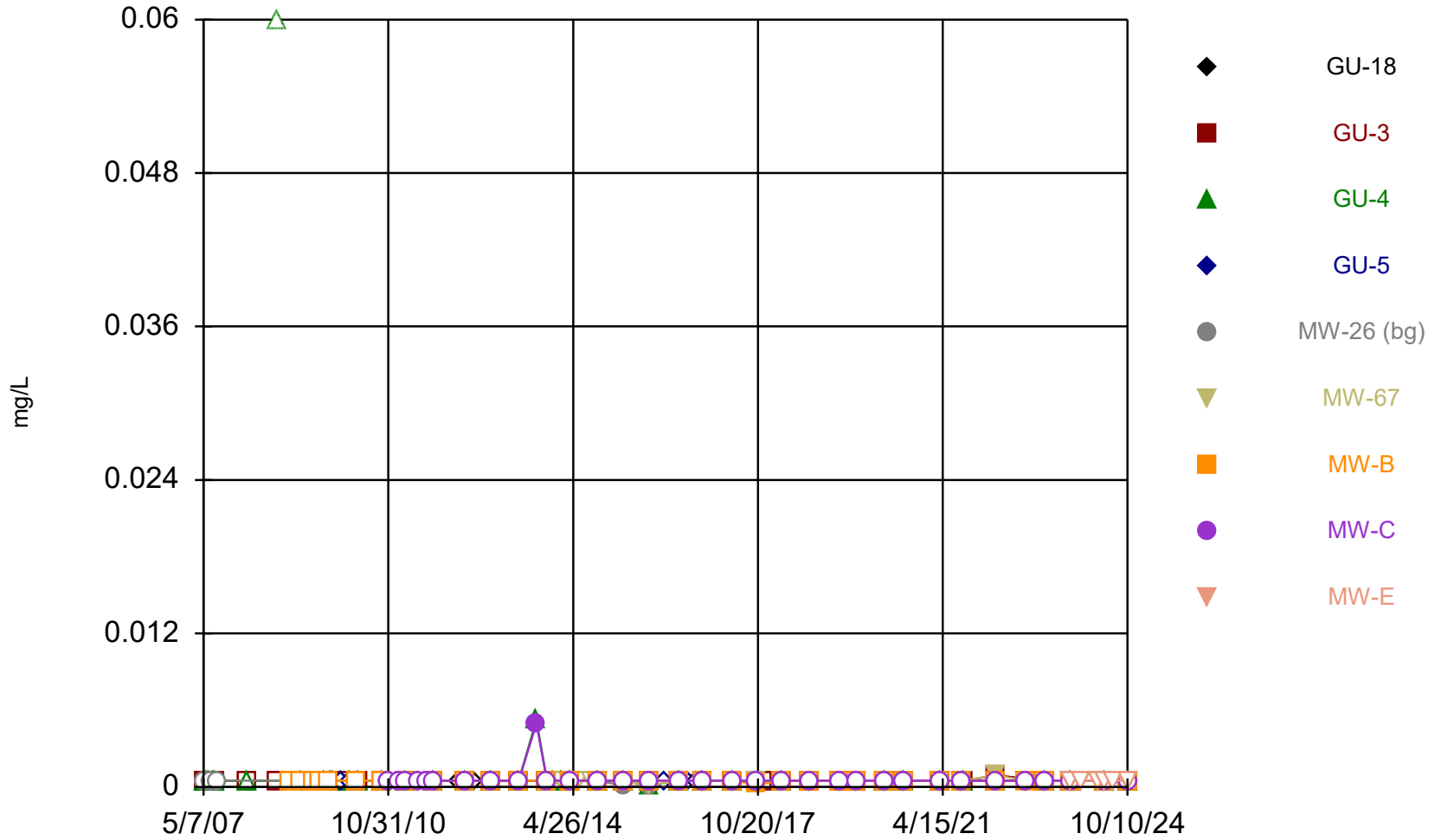
Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE PII PRIME flat

Time Series



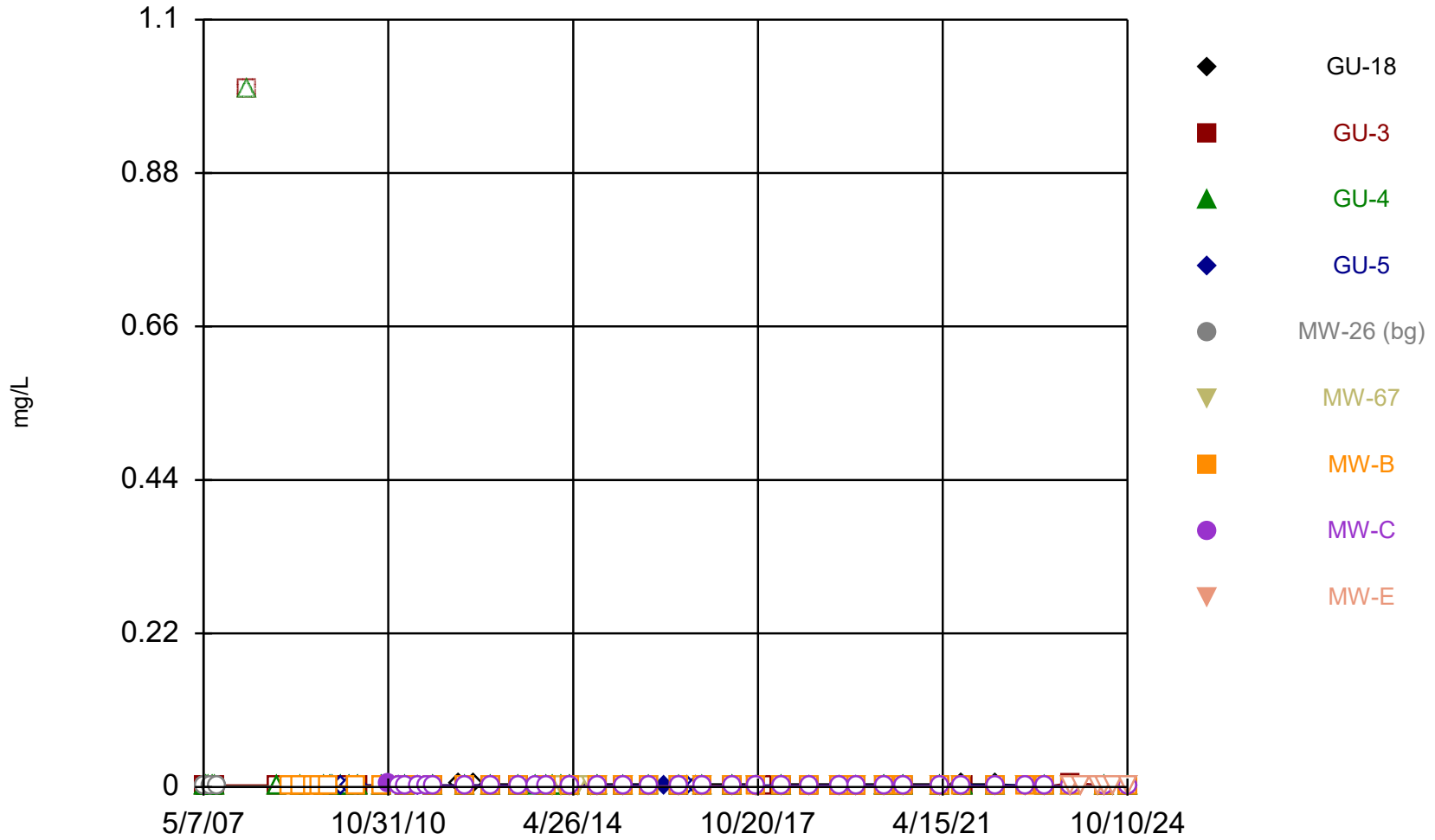
Constituent: Selenium Analysis Run 12/3/2024 3:54 PM View: Phase II - Appendix I Metals Time Series
Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE PII PRIME flat

Time Series



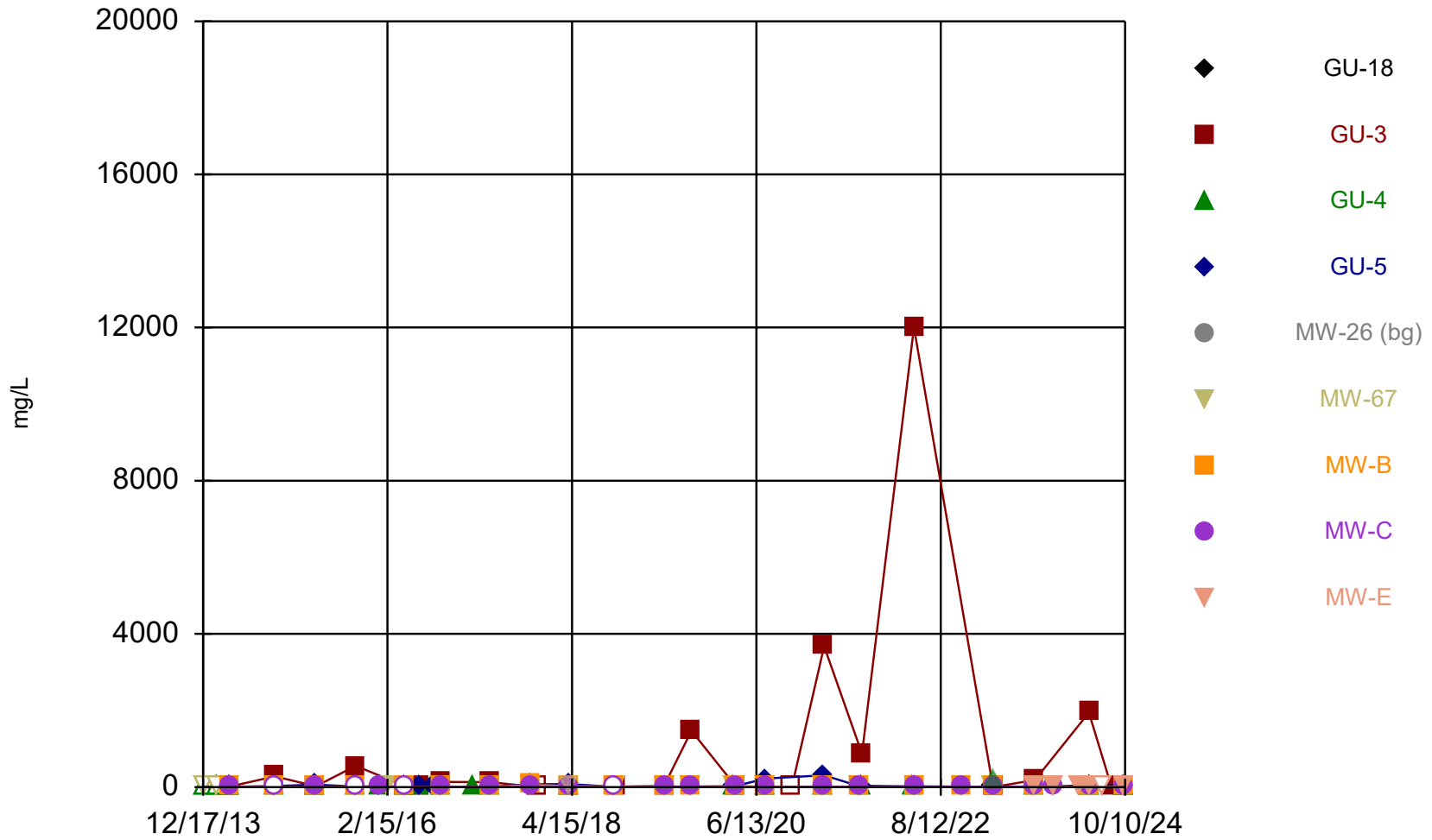
Constituent: Silver Analysis Run 12/3/2024 3:54 PM View: Phase II - Appendix I Metals Time Series
Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE PII PRIME flat

Time Series



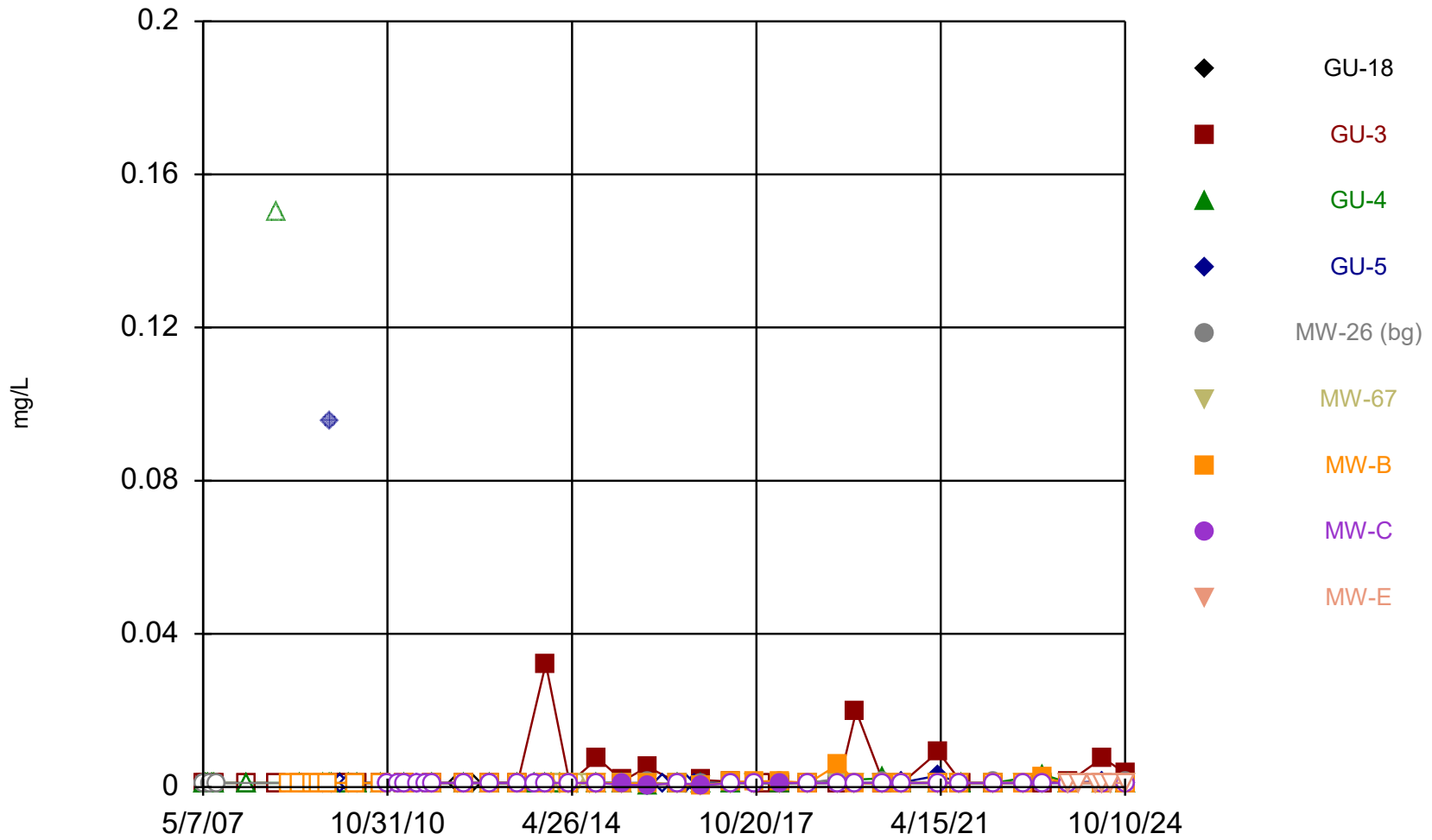
Constituent: Thallium Analysis Run 12/3/2024 3:54 PM View: Phase II - Appendix I Metals Time Series
Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE PII PRIME flat

Time Series



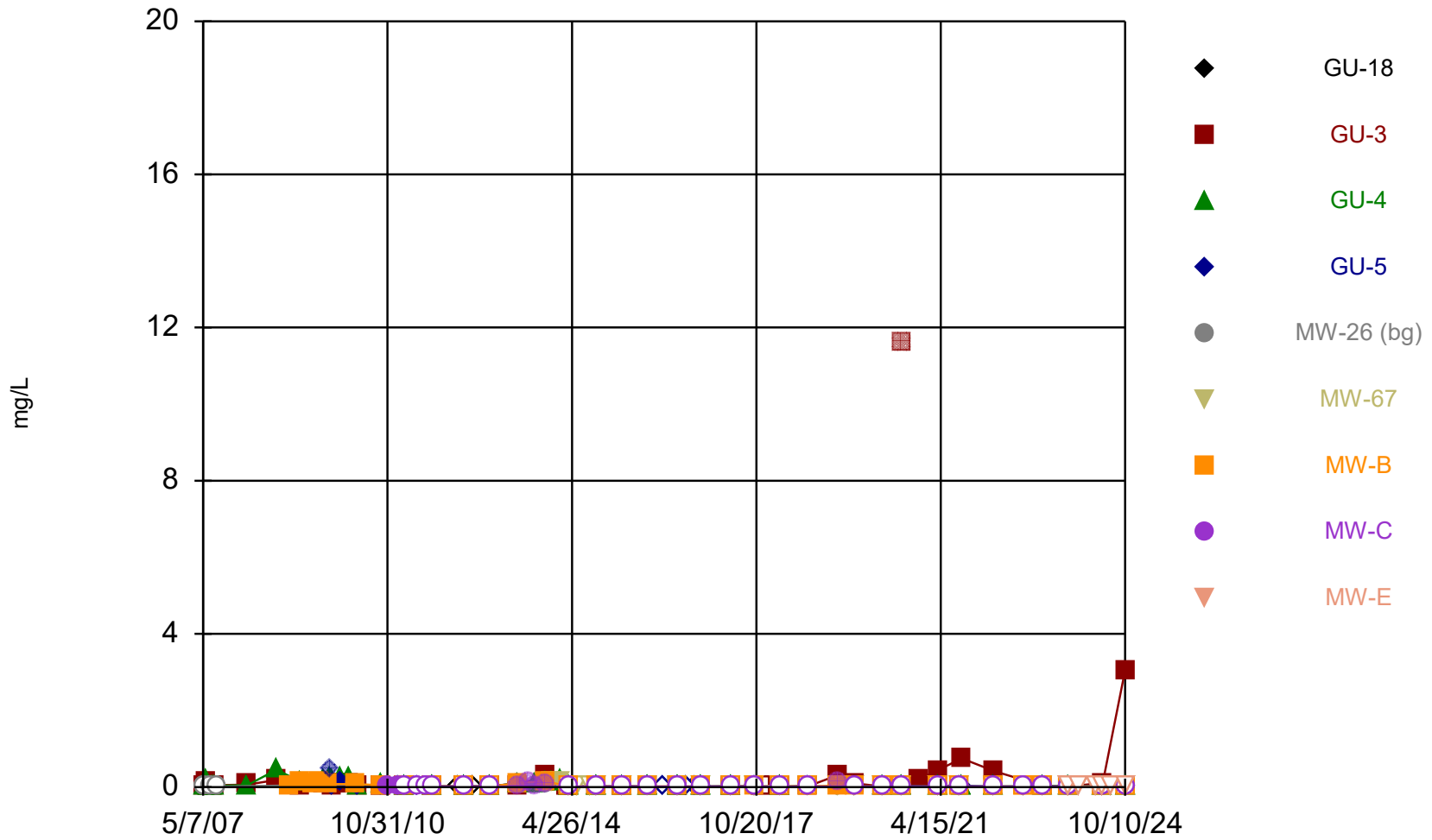
Constituent: Total Suspended Solids Analysis Run 12/3/2024 3:54 PM View: Phase II - Appendix I Metals
Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE PII PRIME flat

Time Series



Constituent: Vanadium Analysis Run 12/3/2024 3:54 PM View: Phase II - Appendix I Metals Time Series
Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE PII PRIME flat

Time Series



Constituent: Zinc Analysis Run 12/3/2024 3:54 PM View: Phase II - Appendix I Metals Time Series

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE PII PRIME flat



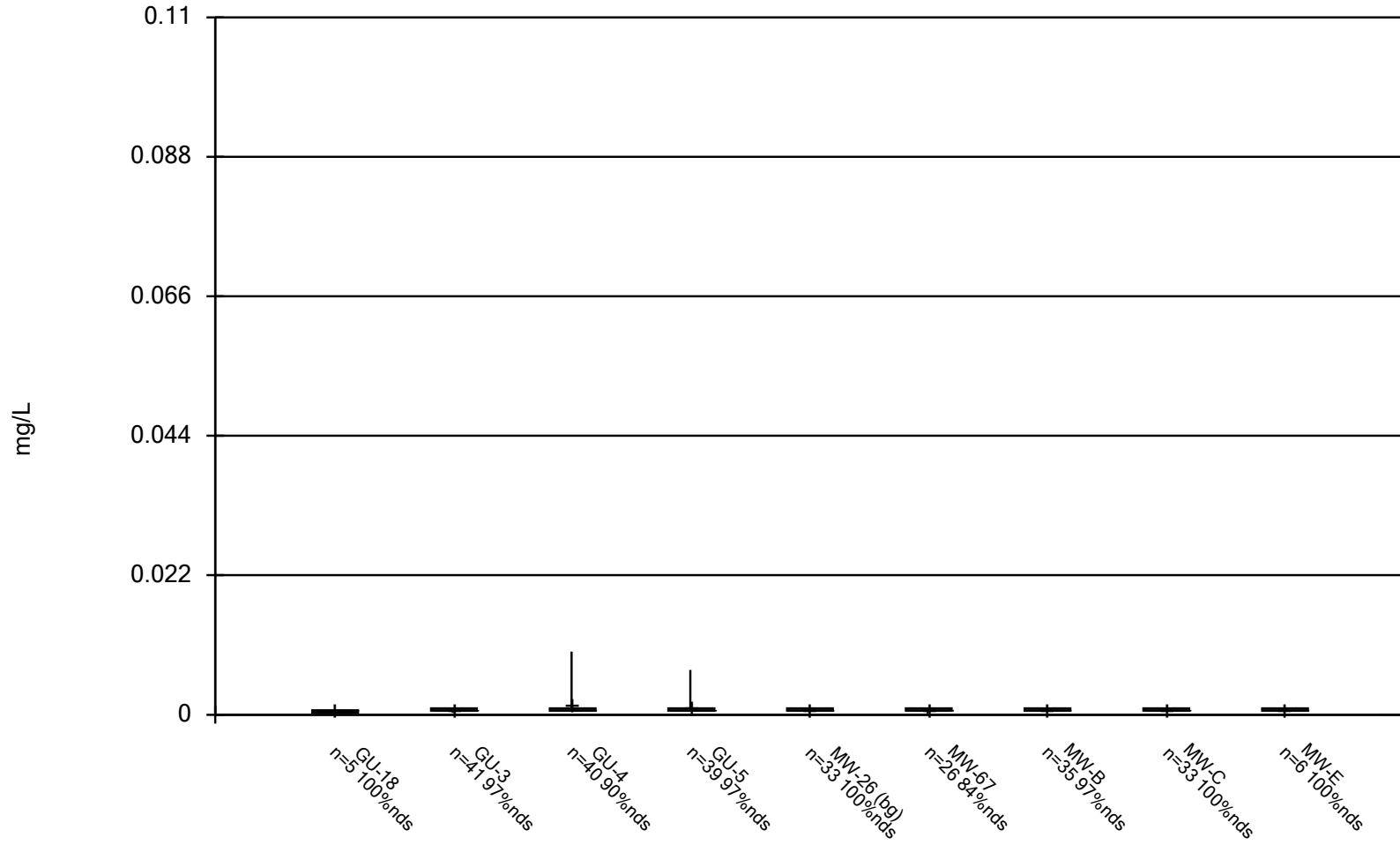
Phase II - Metals

Box & Whisker Plots



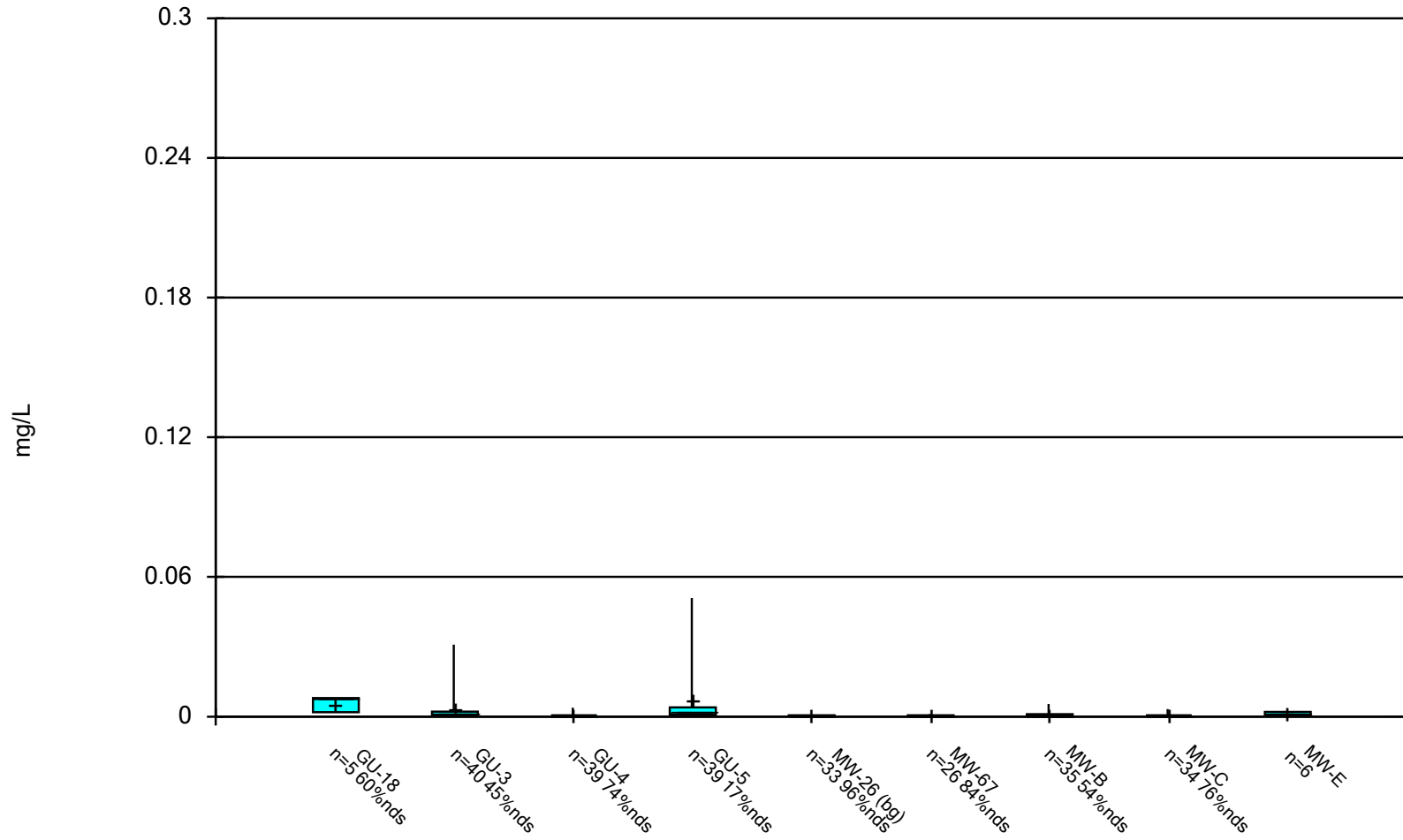
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Box & Whiskers Plot



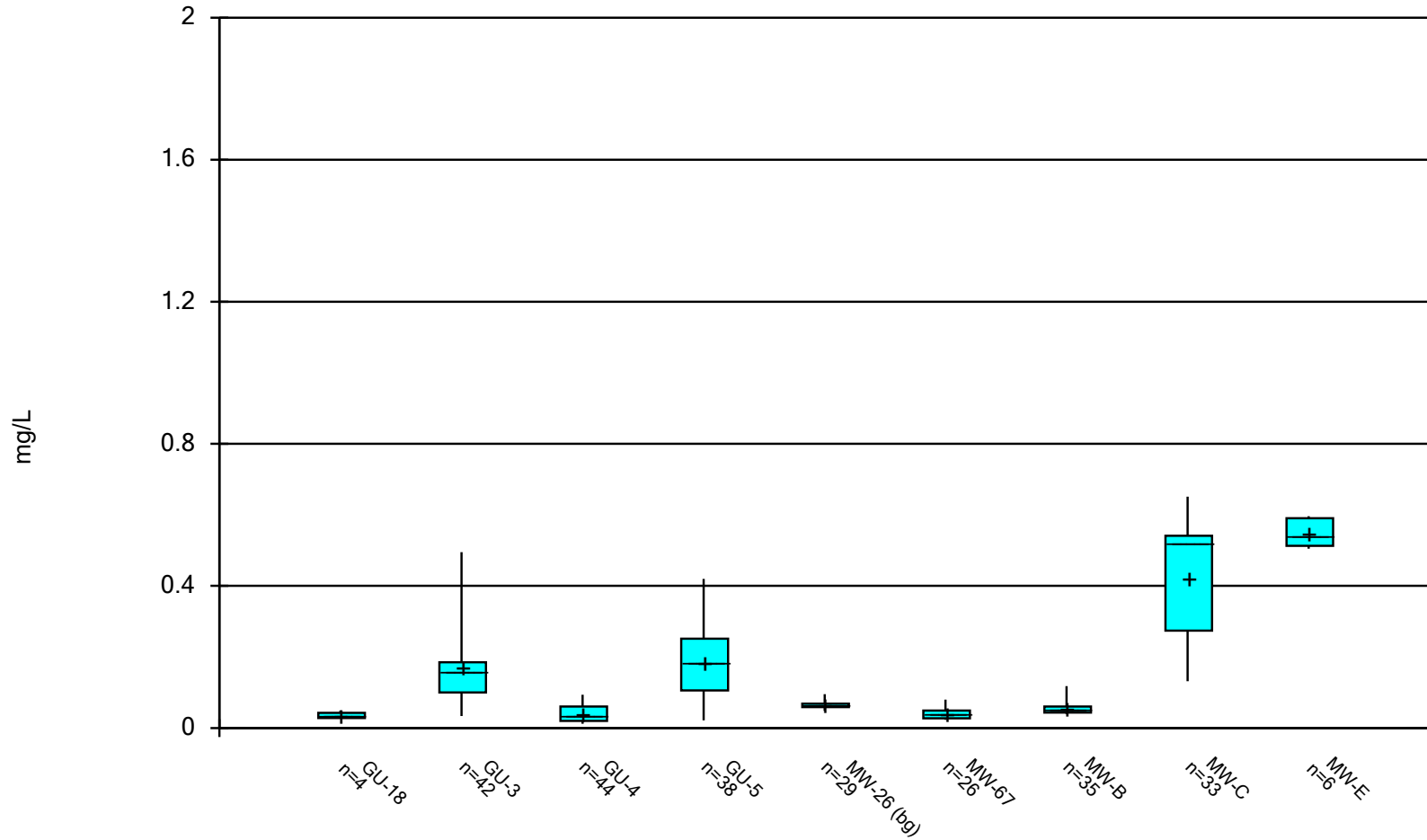
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Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE PII PRIME flat

Box & Whiskers Plot



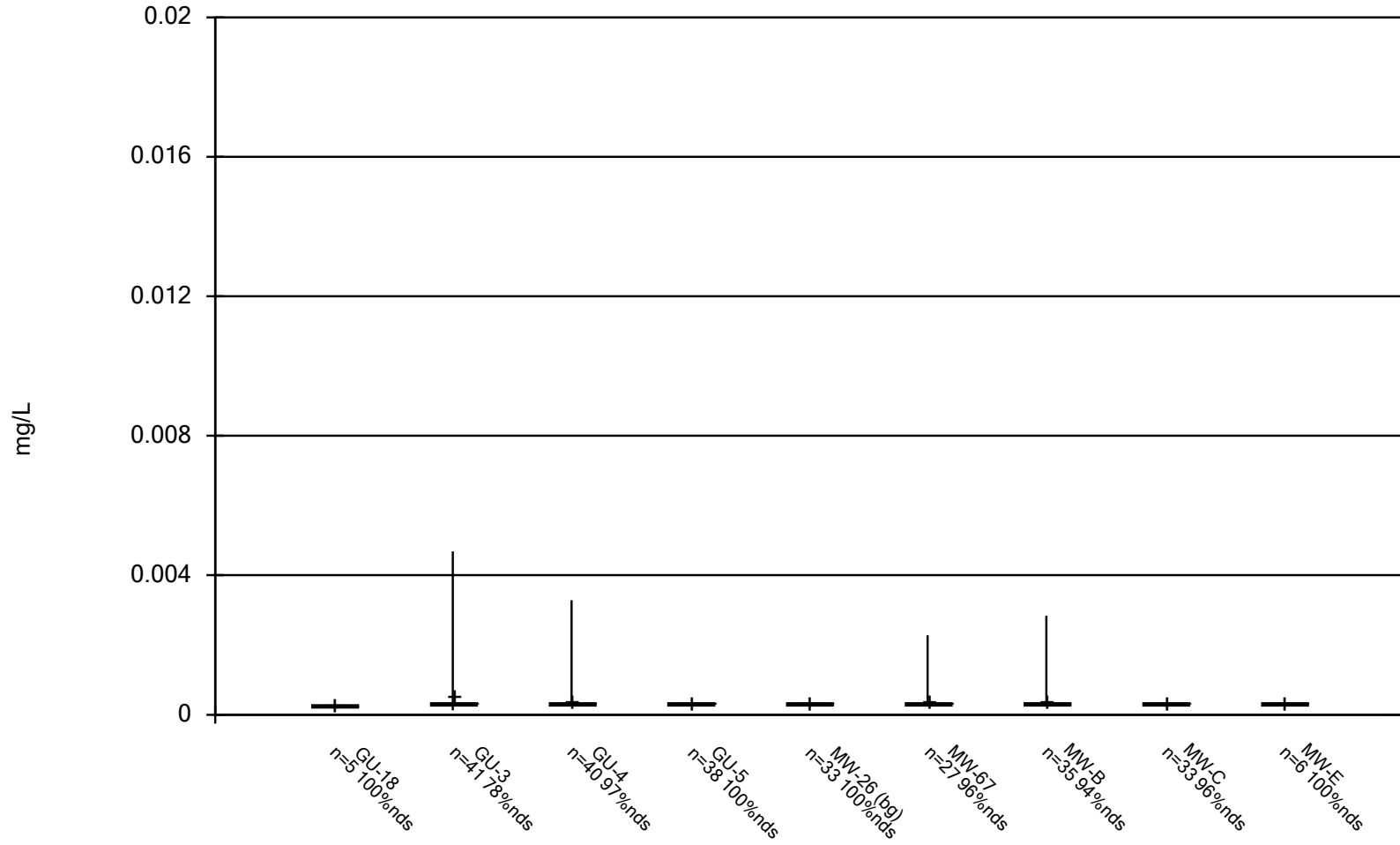
Constituent: Arsenic Analysis Run 12/3/2024 4:24 PM View: Phase II - Appendix I Metals Time Series
Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE PII PRIME flat

Box & Whiskers Plot



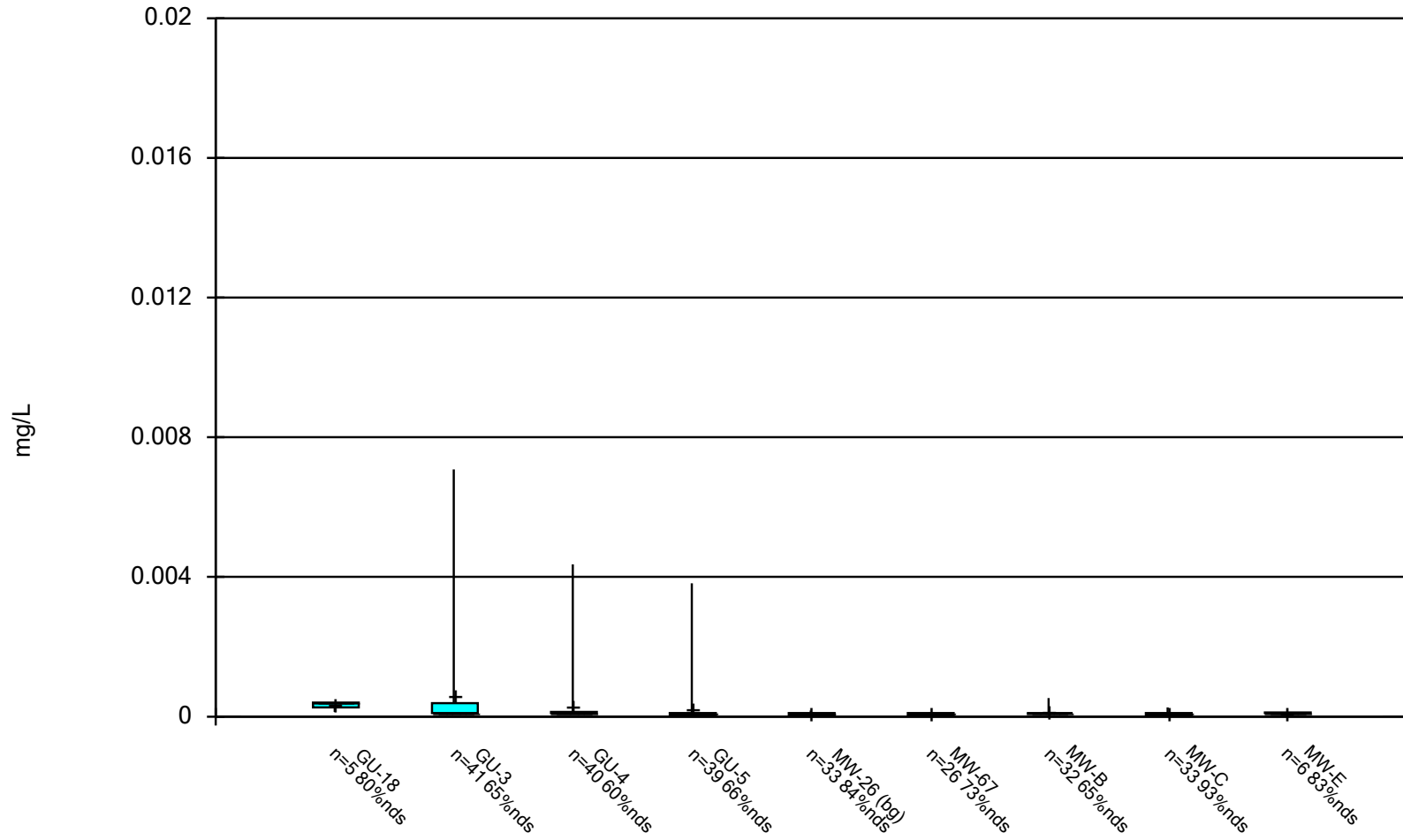
Constituent: Barium Analysis Run 12/3/2024 4:24 PM View: Phase II - Appendix I Metals Time Series
Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE PII PRIME flat

Box & Whiskers Plot



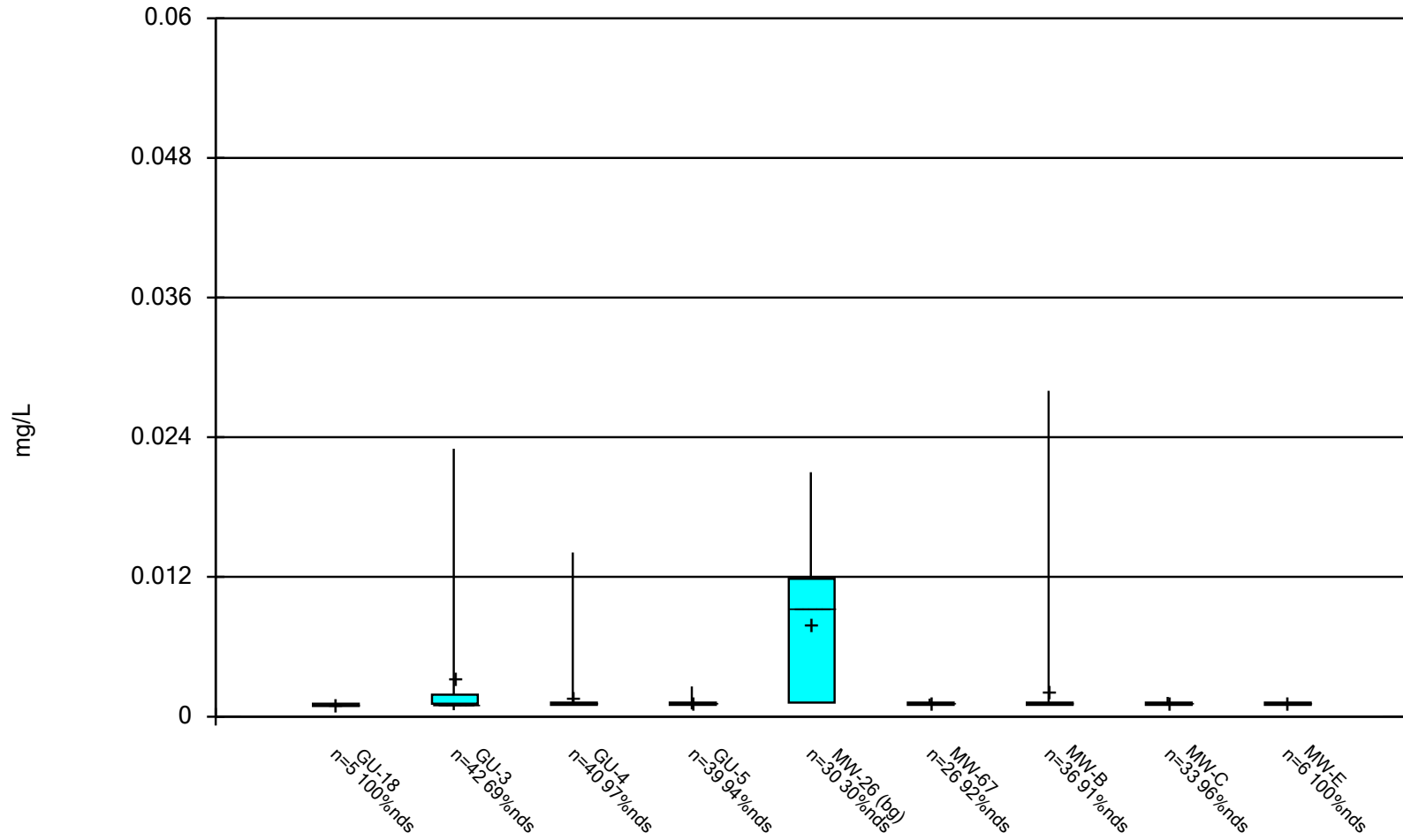
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Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE PII PRIME flat

Box & Whiskers Plot



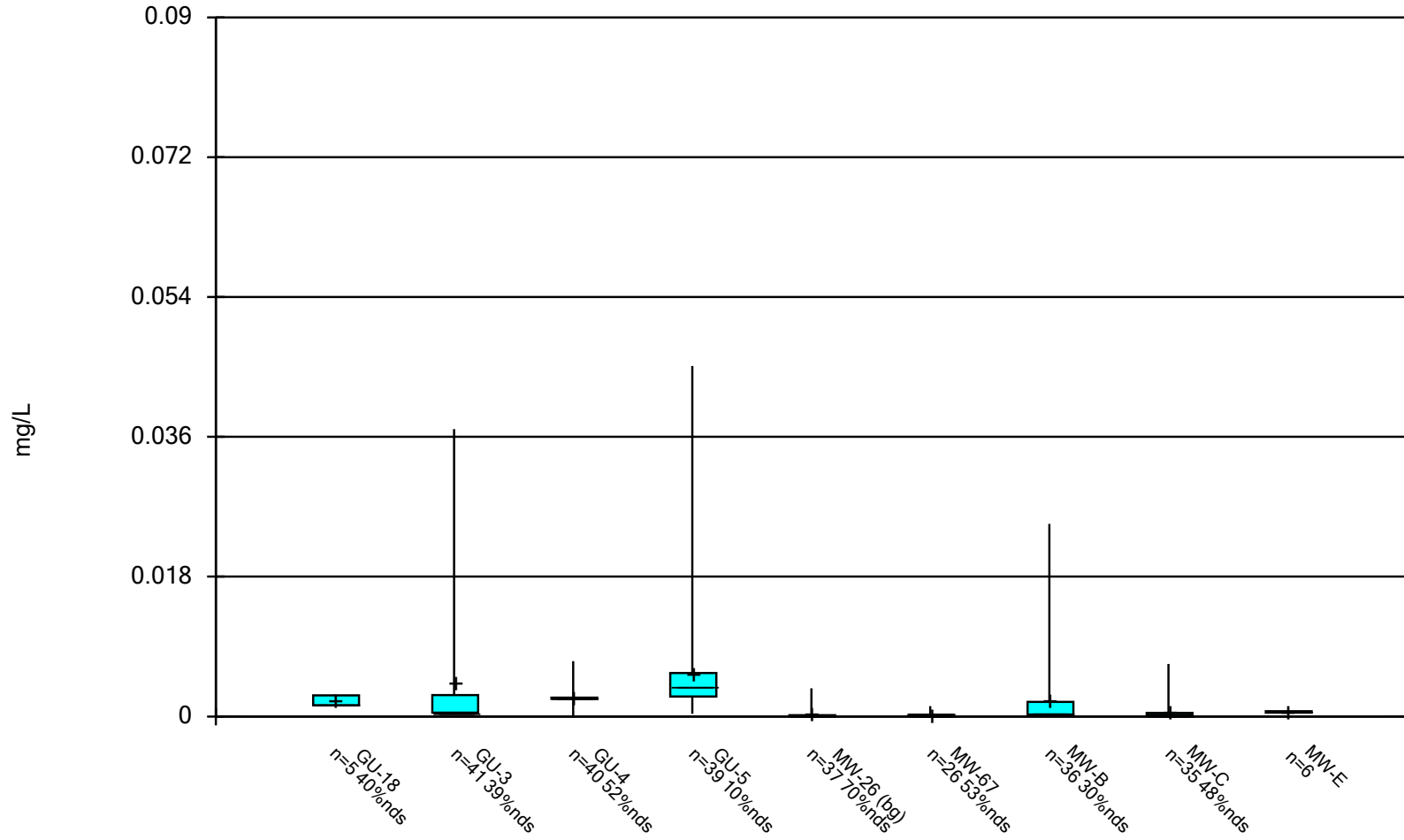
Constituent: Cadmium Analysis Run 12/3/2024 4:24 PM View: Phase II - Appendix I Metals Time Series
Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE PII PRIME flat

Box & Whiskers Plot



Constituent: Chromium Analysis Run 12/3/2024 4:24 PM View: Phase II - Appendix I Metals Time Series
Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE PII PRIME flat

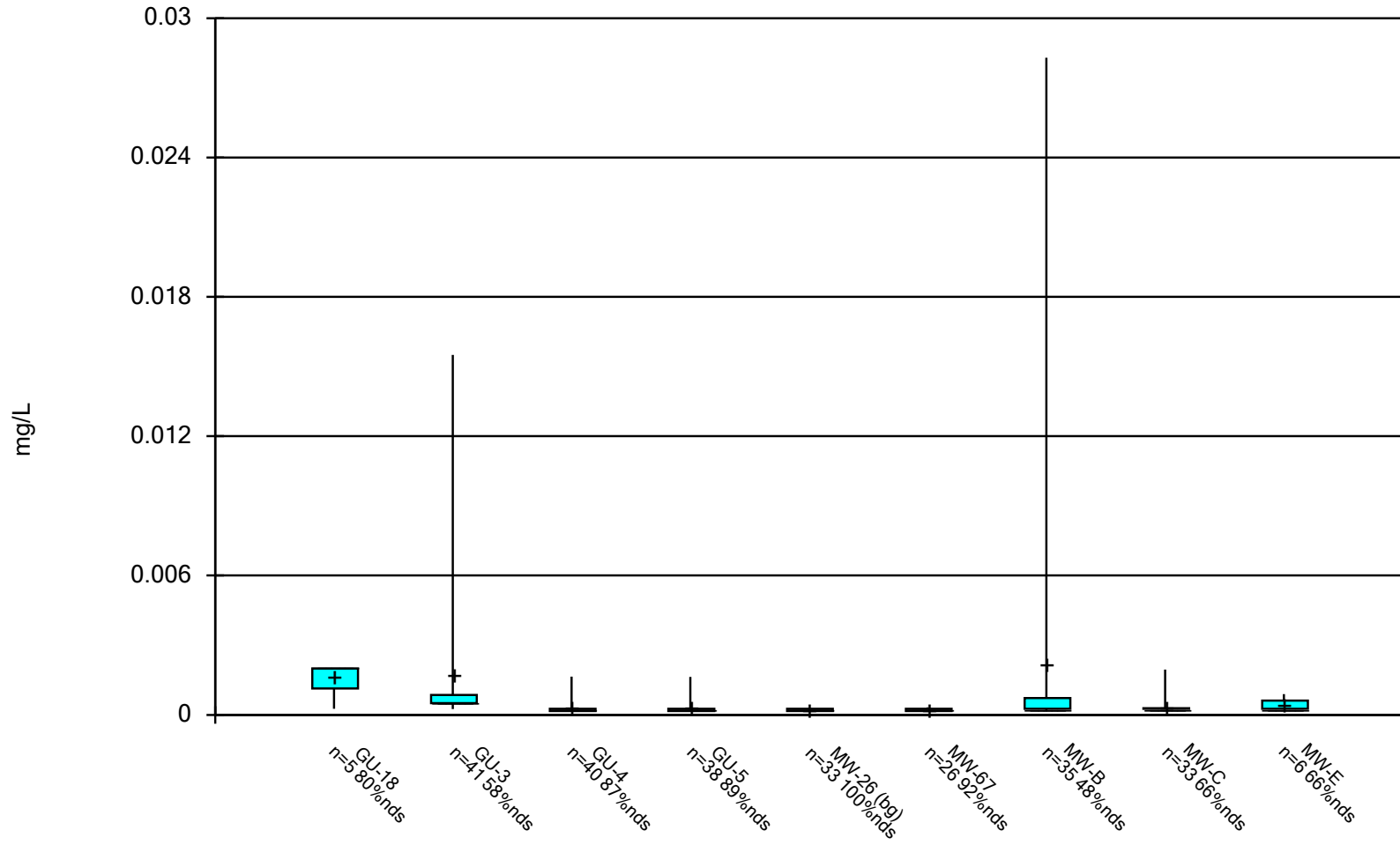
Box & Whiskers Plot



Constituent: Cobalt Analysis Run 12/3/2024 4:24 PM View: Phase II - Appendix I Metals Time Series

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE PII PRIME flat

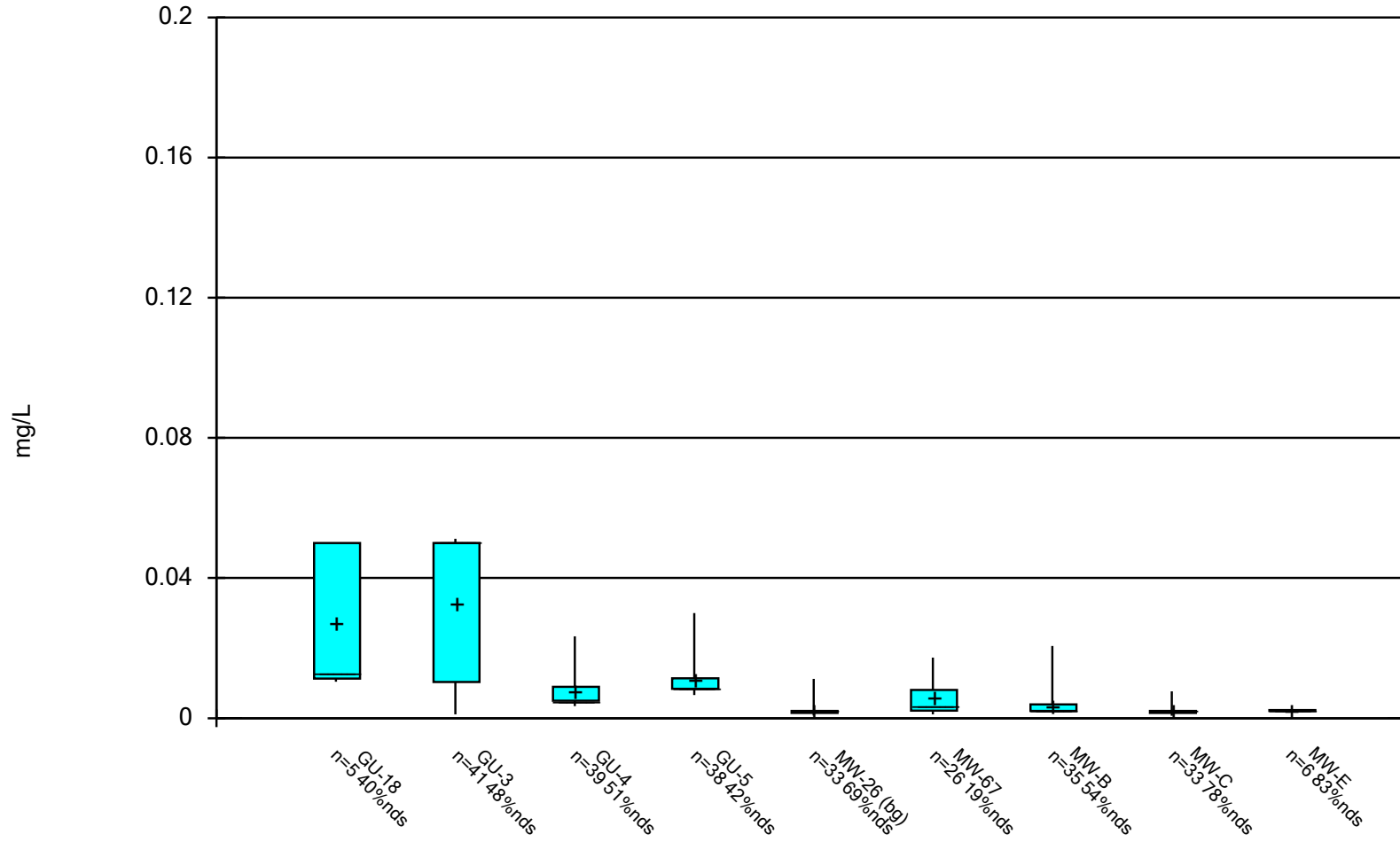
Box & Whiskers Plot



Constituent: Lead Analysis Run 12/3/2024 4:24 PM View: Phase II - Appendix I Metals Time Series

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE PII PRIME flat

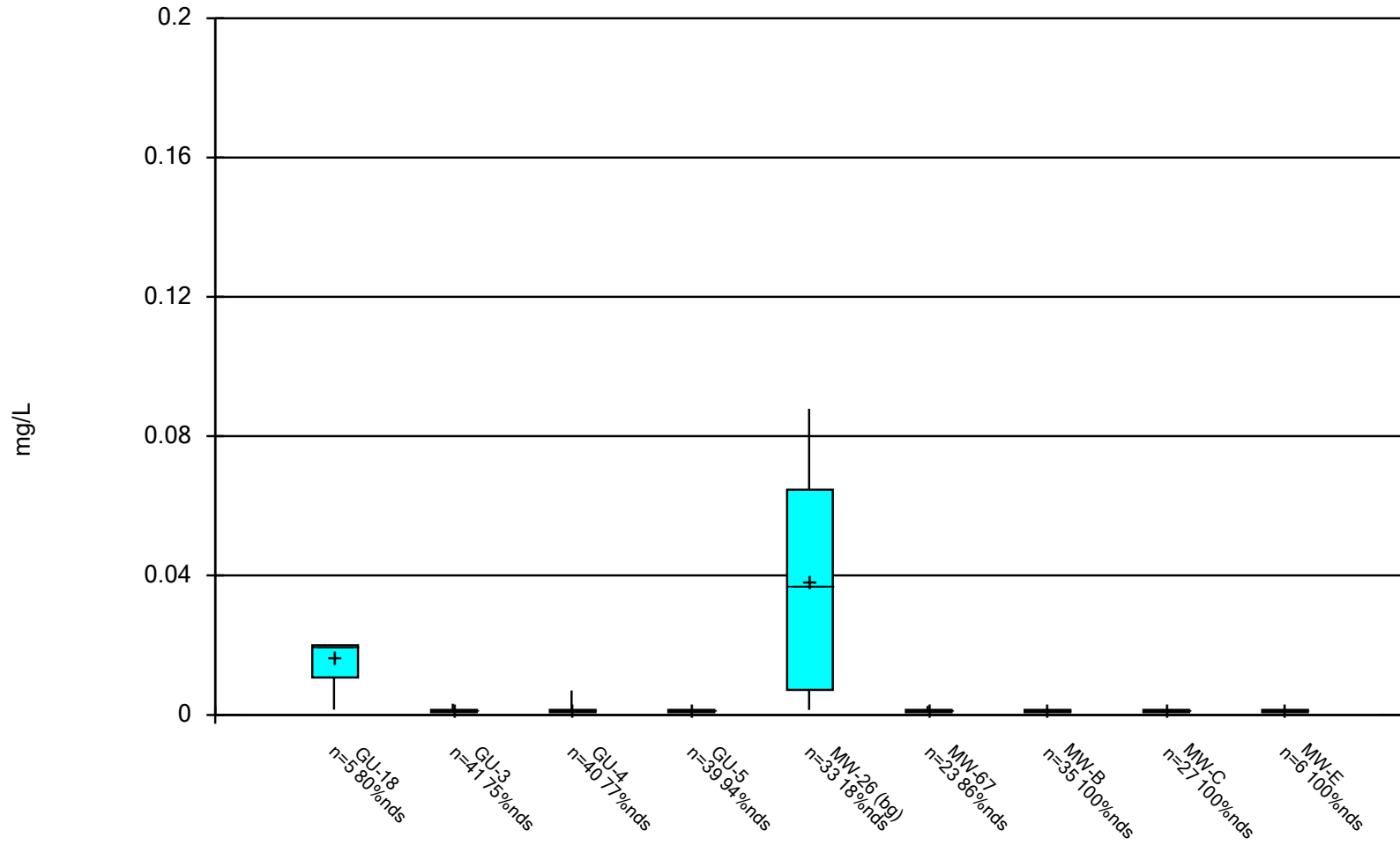
Box & Whiskers Plot



Constituent: Nickel Analysis Run 12/3/2024 4:24 PM View: Phase II - Appendix I Metals Time Series

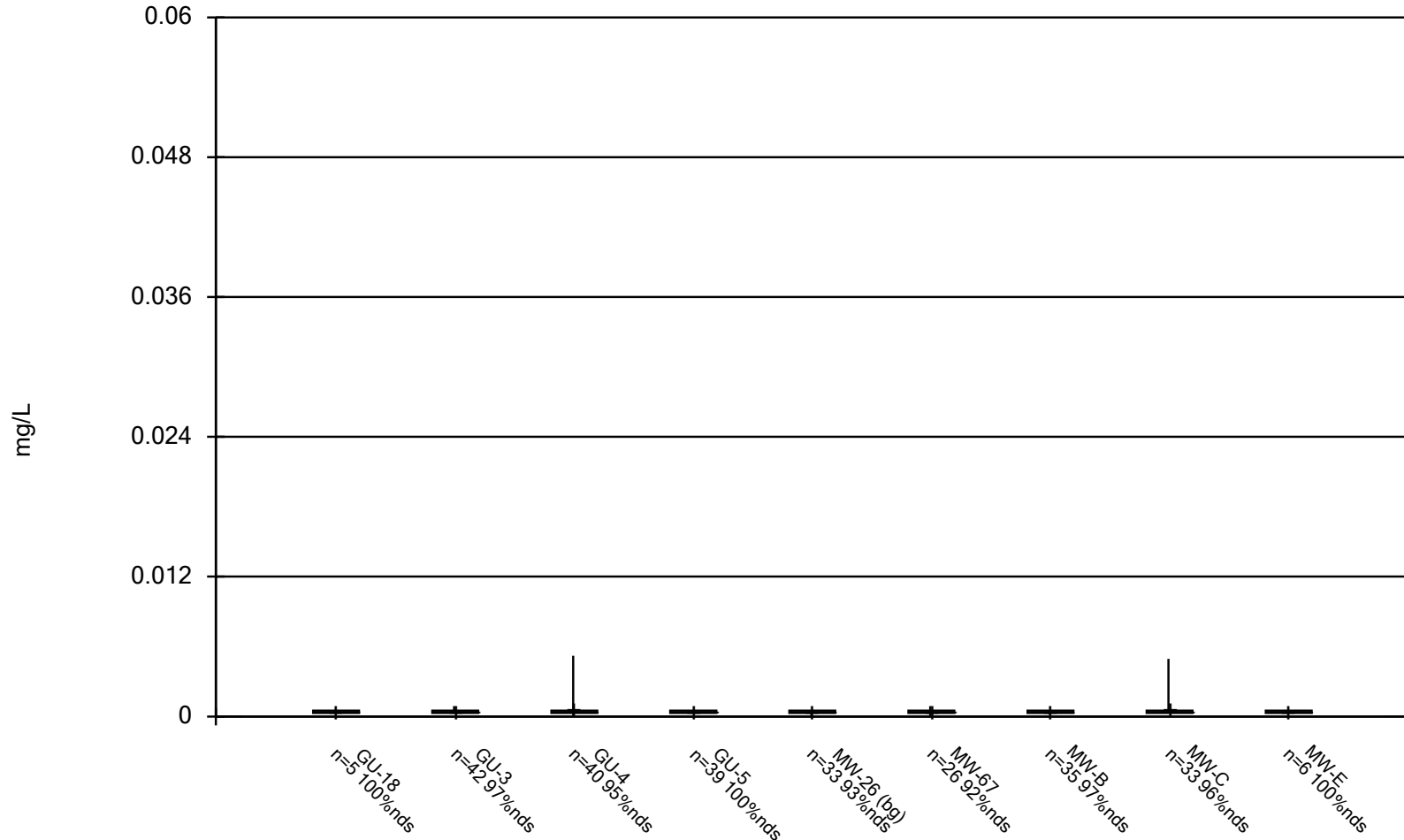
Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE PII PRIME flat

Box & Whiskers Plot



Constituent: Selenium Analysis Run 12/3/2024 4:24 PM View: Phase II - Appendix I Metals Time Series
Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE PII PRIME flat

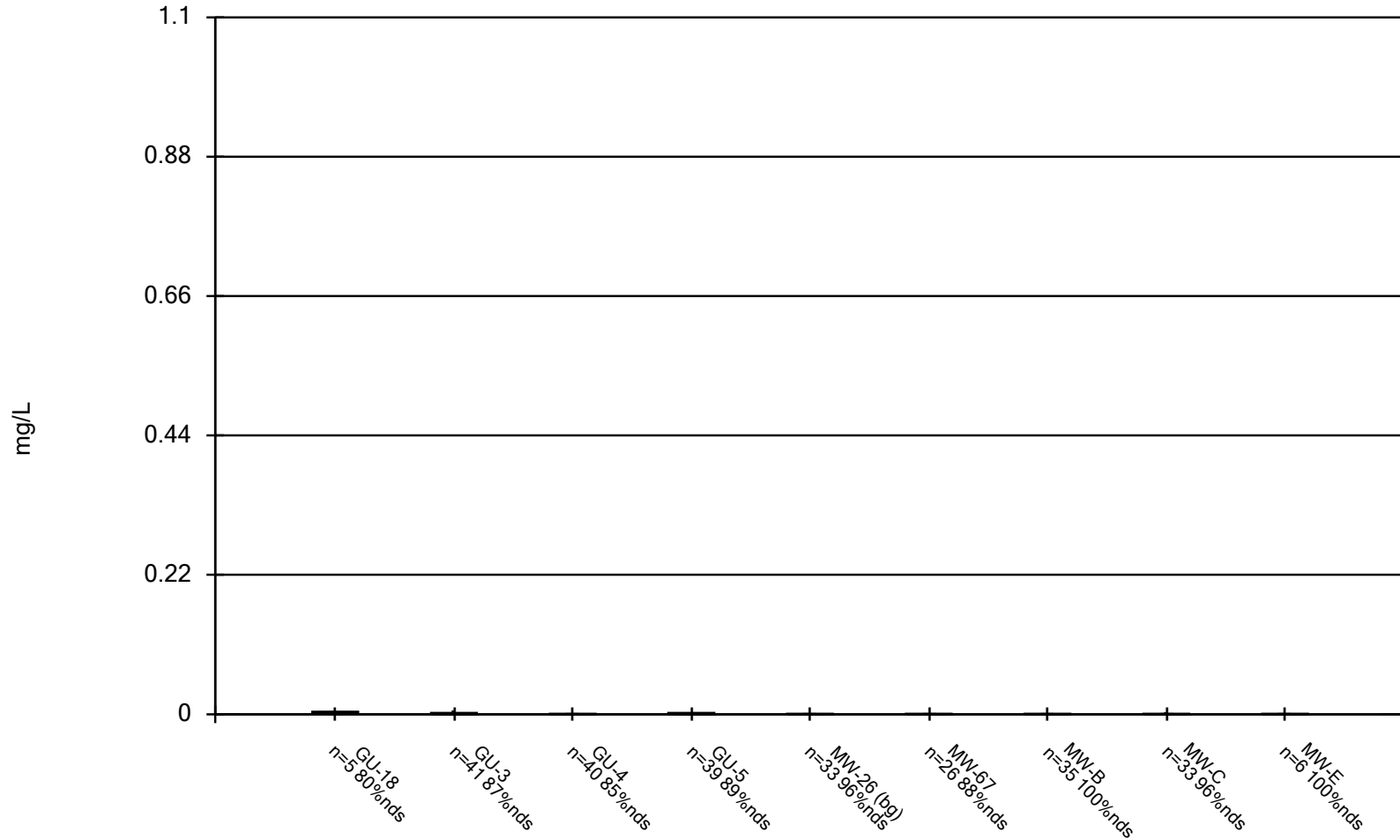
Box & Whiskers Plot



Constituent: Silver Analysis Run 12/3/2024 4:24 PM View: Phase II - Appendix I Metals Time Series

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE PII PRIME flat

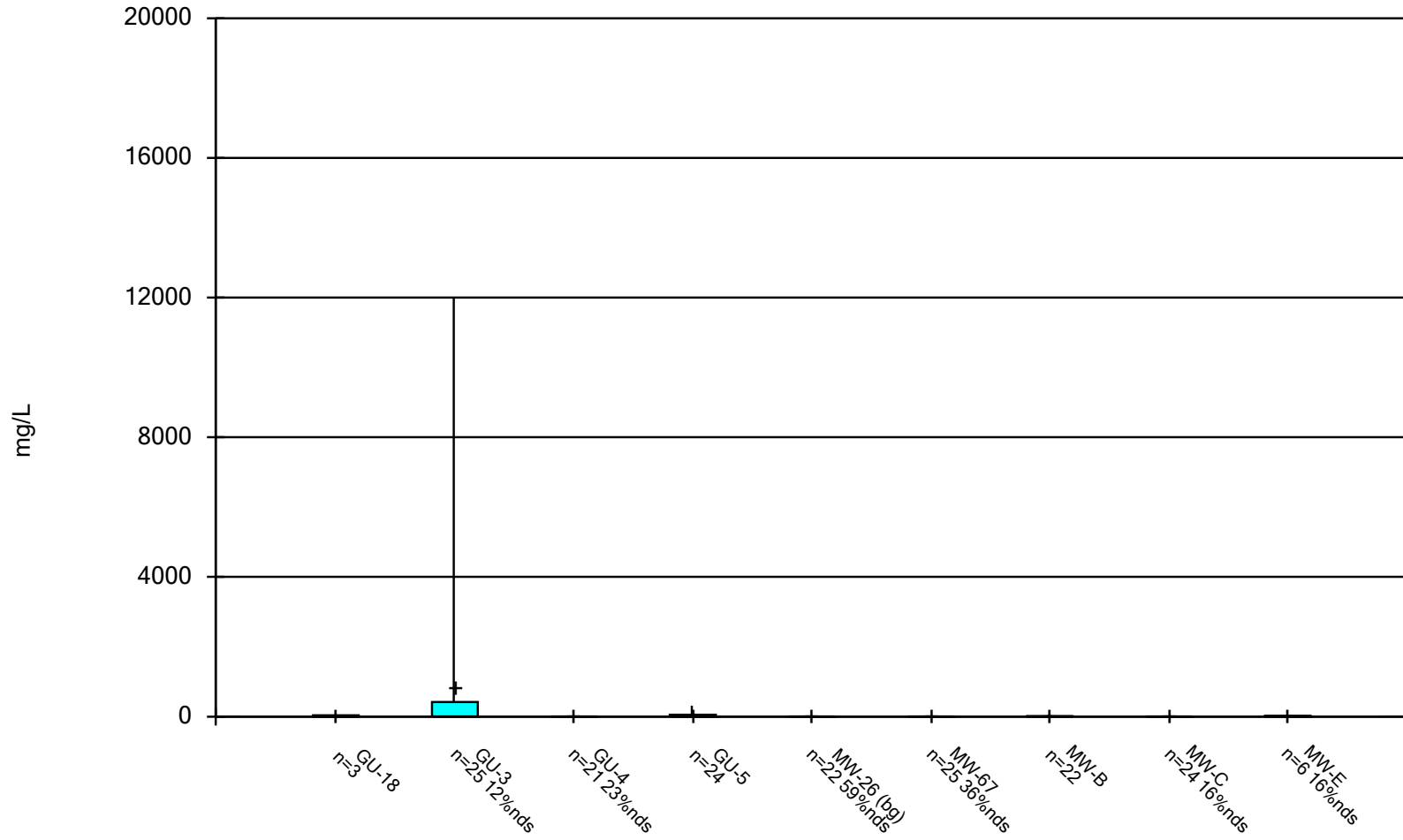
Box & Whiskers Plot



Constituent: Thallium Analysis Run 12/3/2024 4:24 PM View: Phase II - Appendix I Metals Time Series

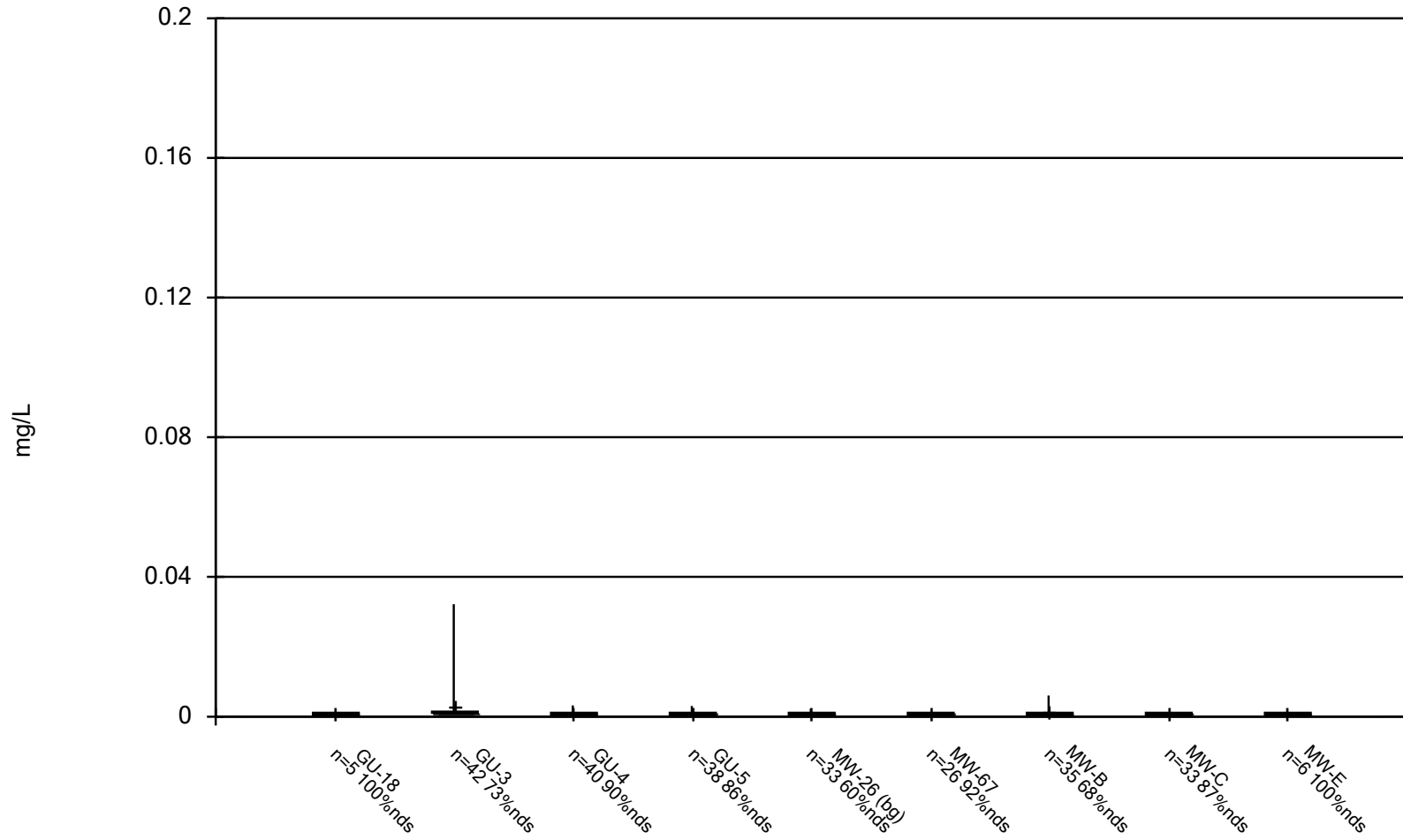
Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE PII PRIME flat

Box & Whiskers Plot



Constituent: Total Suspended Solids Analysis Run 12/3/2024 4:24 PM View: Phase II - Appendix I Metals
Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE PII PRIME flat

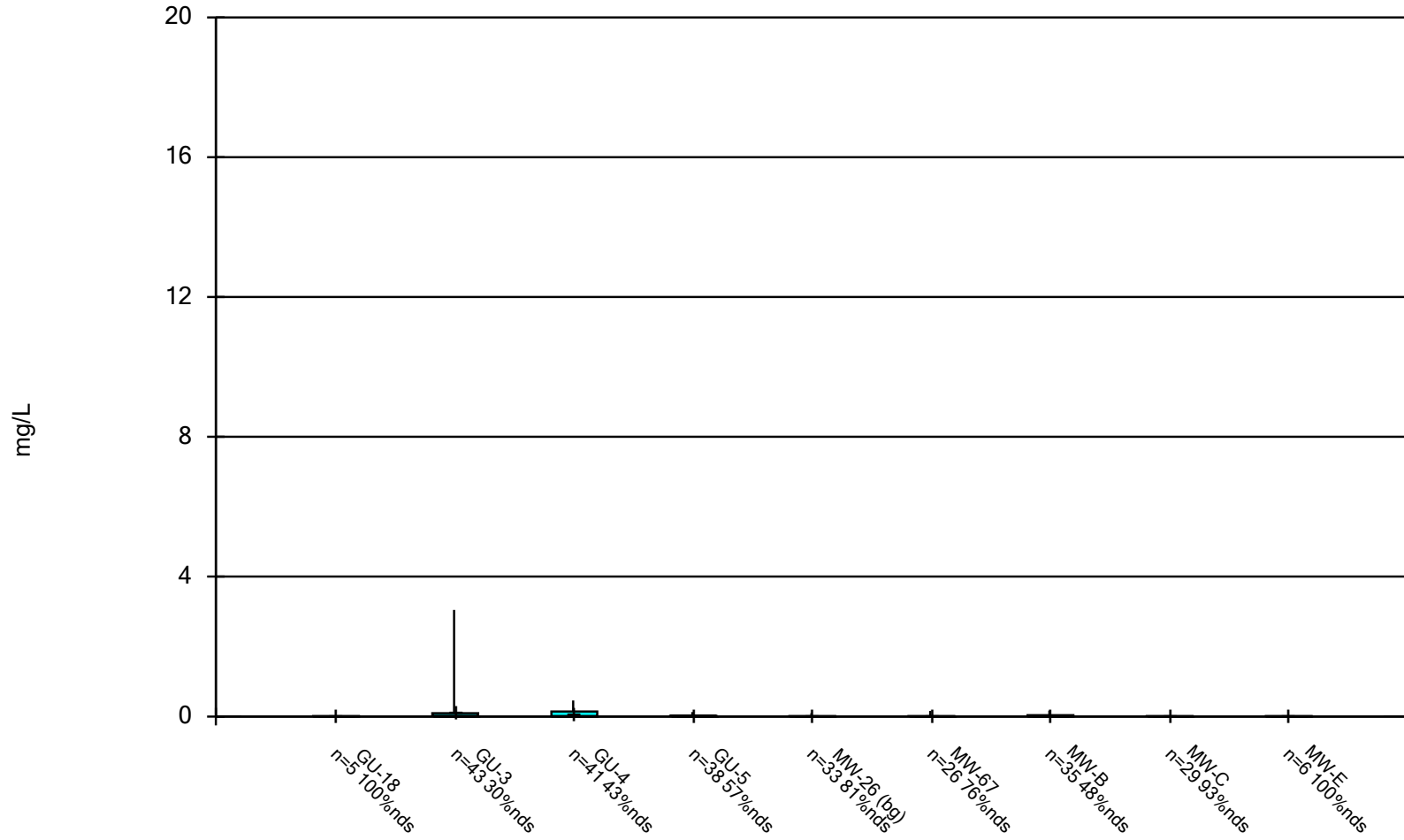
Box & Whiskers Plot



Constituent: Vanadium Analysis Run 12/3/2024 4:24 PM View: Phase II - Appendix I Metals Time Series

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE PII PRIME flat

Box & Whiskers Plot



Constituent: Zinc Analysis Run 12/3/2024 4:24 PM View: Phase II - Appendix I Metals Time Series
Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE PII PRIME flat

Box & Whiskers Plot

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE PII PRIME flat Printed 12/3/2024, 4:25 PM

Constituent	Well	N	Mean	Std. Dev.	Std. Err.	Median	Lower Q.	Upper Q.	Min.	Max.	%NDs
Antimony (mg/L)	GU-18	5	0.00069	0	0	0.00069	0.00069	0.00069	0.00069	0.00069	100
Antimony (mg/L)	GU-3	41	0.0009829	0.0001093	0.00001707	0.001	0.001	0.001	0.0003	0.001	97.56
Antimony (mg/L)	GU-4	40	0.00156	0.002036	0.0003219	0.001	0.001	0.001	0.000898	0.00997	90
Antimony (mg/L)	GU-5	39	0.001156	0.000972	0.0001556	0.001	0.001	0.001	0.001	0.00707	97.44
Antimony (mg/L)	MW-26 (bg)	33	0.001	0	0	0.001	0.001	0.001	0.001	0.001	100
Antimony (mg/L)	MW-67	26	0.0008965	0.0002503	0.00004908	0.001	0.001	0.001	0.000214	0.001	84.62
Antimony (mg/L)	MW-B	35	0.0009913	0.00005155	0.000008714	0.001	0.001	0.001	0.000695	0.001	97.14
Antimony (mg/L)	MW-C	33	0.001	0	0	0.001	0.001	0.001	0.001	0.001	100
Antimony (mg/L)	MW-E	6	0.001	0	0	0.001	0.001	0.001	0.001	0.001	100
Arsenic (mg/L)	GU-18	5	0.005564	0.003337	0.001492	0.008	0.00191	0.008	0.00178	0.008	60
Arsenic (mg/L)	GU-3	40	0.003334	0.00601	0.0009503	0.001218	0.00075	0.00214	0.00075	0.0309	45
Arsenic (mg/L)	GU-4	39	0.0008162	0.0007607	0.0001218	0.00053	0.00053	0.000536	0.00053	0.00385	74.36
Arsenic (mg/L)	GU-5	39	0.006761	0.01316	0.002107	0.00205	0.000951	0.00392	0.00075	0.0509	17.95
Arsenic (mg/L)	MW-26 (bg)	33	0.0005396	0.00005501	0.000009576	0.00053	0.00053	0.00053	0.00053	0.000846	96.97
Arsenic (mg/L)	MW-67	26	0.0005739	0.000123	0.00002412	0.00053	0.00053	0.00053	0.00053	0.00102	84.62
Arsenic (mg/L)	MW-B	35	0.0009372	0.0008952	0.0001513	0.00053	0.00053	0.00111	0.000299	0.00547	54.29
Arsenic (mg/L)	MW-C	34	0.0007706	0.0006099	0.0001046	0.00053	0.00053	0.0006095	0.00053	0.00329	76.47
Arsenic (mg/L)	MW-E	6	0.001341	0.0006287	0.0002567	0.00136	0.0006785	0.001985	0.00067	0.00235	0
Barium (mg/L)	GU-18	4	0.0353	0.01011	0.005054	0.03255	0.0281	0.0425	0.0267	0.0494	0
Barium (mg/L)	GU-3	42	0.1699	0.09303	0.01436	0.162	0.0997	0.185	0.0334	0.495	0
Barium (mg/L)	GU-4	44	0.04111	0.02411	0.003635	0.0325	0.0201	0.06005	0.0121	0.094	0
Barium (mg/L)	GU-5	38	0.1822	0.09842	0.01597	0.185	0.106	0.2515	0.0213	0.42	0
Barium (mg/L)	MW-26 (bg)	29	0.06451	0.009738	0.001808	0.0628	0.05855	0.0685	0.0485	0.095	0
Barium (mg/L)	MW-67	26	0.04073	0.014	0.002745	0.03875	0.02755	0.04945	0.0229	0.0795	0
Barium (mg/L)	MW-B	35	0.05378	0.01528	0.002583	0.0513	0.0433	0.0601	0.0392	0.118	0
Barium (mg/L)	MW-C	33	0.4191	0.1554	0.02705	0.52	0.2745	0.5415	0.132	0.651	0
Barium (mg/L)	MW-E	6	0.5488	0.03643	0.01487	0.543	0.513	0.5905	0.505	0.596	0
Beryllium (mg/L)	GU-18	5	0.00027	0	0	0.00027	0.00027	0.00027	0.00027	0.00027	100
Beryllium (mg/L)	GU-3	41	0.0005287	0.0007592	0.0001186	0.00033	0.00033	0.00033	0.000125	0.00468	78.05
Beryllium (mg/L)	GU-4	40	0.0004038	0.0004664	0.00007375	0.00033	0.00033	0.00033	0.00033	0.00328	97.5
Beryllium (mg/L)	GU-5	38	0.00033	0	0	0.00033	0.00033	0.00033	0.00033	0.00033	100
Beryllium (mg/L)	MW-26 (bg)	33	0.00033	0	0	0.00033	0.00033	0.00033	0.00033	0.00033	100
Beryllium (mg/L)	MW-67	27	0.0004022	0.0003753	0.00007222	0.00033	0.00033	0.00033	0.00033	0.00228	96.3
Beryllium (mg/L)	MW-B	35	0.0004334	0.0004588	0.00007756	0.00033	0.00033	0.00033	0.00033	0.00284	94.29
Beryllium (mg/L)	MW-C	33	0.000327	0.00001732	0.000003015	0.00033	0.00033	0.00033	0.000...	0.00033	96.97
Beryllium (mg/L)	MW-E	6	0.00033	0	0	0.00033	0.00033	0.00033	0.00033	0.00033	100
Cadmium (mg/L)	GU-18	5	0.000347	0.0001185	0.000053	0.0004	0.0002675	0.0004	0.000135	0.0004	80
Cadmium (mg/L)	GU-3	41	0.0006096	0.001352	0.0002112	0.0001	0.0001	0.0003855	0.00006	0.00708	65.85
Cadmium (mg/L)	GU-4	40	0.000289	0.0007395	0.0001169	0.0001	0.0001	0.0001375	0.000083	0.00436	60
Cadmium (mg/L)	GU-5	39	0.0002108	0.000596	0.00009544	0.0001	0.0001	0.0001	0.000042	0.00382	66.67
Cadmium (mg/L)	MW-26 (bg)	33	0.0001011	0.00001966	0.000003423	0.0001	0.0001	0.0001	0.000045	0.000175	84.85
Cadmium (mg/L)	MW-67	26	0.00009708	0.00001309	0.000002568	0.0001	0.0001	0.0001	0.000059	0.000116	73.08
Cadmium (mg/L)	MW-B	32	0.0001353	0.0000993	0.00001755	0.0001	0.0001	0.0001015	0.000049	0.00053	65.63
Cadmium (mg/L)	MW-C	33	0.0001042	0.00002983	0.000005193	0.0001	0.0001	0.0001	0.000071	0.000268	93.94
Cadmium (mg/L)	MW-E	6	0.000105	0.00001225	0.000005	0.0001	0.0001	0.000115	0.0001	0.00013	83.33
Chromium (mg/L)	GU-18	5	0.0011	0	0	0.0011	0.0011	0.0011	0.0011	0.0011	100
Chromium (mg/L)	GU-3	42	0.003289	0.005099	0.0007868	0.0011	0.0011	0.001885	0.00055	0.023	69.05
Chromium (mg/L)	GU-4	40	0.001523	0.00204	0.0003225	0.0012	0.0012	0.0012	0.0012	0.0141	97.5
Chromium (mg/L)	GU-5	39	0.001221	0.000245	0.00003924	0.0012	0.0012	0.0012	0.000618	0.0026	94.87
Chromium (mg/L)	MW-26 (bg)	30	0.007919	0.005555	0.001014	0.00923	0.0012	0.01185	0.0012	0.021	30

Box & Whiskers Plot

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE PII PRIME flat Printed 12/3/2024, 4:25 PM

<u>Constituent</u>	<u>Well</u>	<u>N</u>	<u>Mean</u>	<u>Std. Dev.</u>	<u>Std. Err.</u>	<u>Median</u>	<u>Lower Q.</u>	<u>Upper Q.</u>	<u>Min.</u>	<u>Max.</u>	<u>%NDs</u>
Chromium (mg/L)	MW-67	26	0.001218	0.00006982	0.00001369	0.0012	0.0012	0.0012	0.0012	0.00154	92.31
Chromium (mg/L)	MW-B	36	0.002207	0.004593	0.0007654	0.0012	0.0012	0.0012	0.0012	0.028	91.67
Chromium (mg/L)	MW-C	33	0.001215	0.00008356	0.00001455	0.0012	0.0012	0.0012	0.0012	0.00168	96.97
Chromium (mg/L)	MW-E	6	0.0012	0	0	0.0012	0.0012	0.0012	0.0012	0.0012	100
Cobalt (mg/L)	GU-18	5	0.001974	0.000694	0.0003104	0.00155	0.001435	0.002725	0.00132	0.0028	40
Cobalt (mg/L)	GU-3	41	0.004362	0.008606	0.001344	0.000524	0.0005	0.00277	0.000244	0.037	39.02
Cobalt (mg/L)	GU-4	40	0.002363	0.001297	0.000205	0.00241	0.002285	0.00241	0.000134	0.00713	52.5
Cobalt (mg/L)	GU-5	39	0.00554	0.007774	0.001245	0.00372	0.00256	0.00559	0.000357	0.0451	10.26
Cobalt (mg/L)	MW-26 (bg)	37	0.0002885	0.000603	0.00009913	0.00017	0.00017	0.00017	0.000039	0.00362	70.27
Cobalt (mg/L)	MW-67	26	0.0002342	0.0002566	0.00005032	0.00017	0.000154	0.0001915	0.000028	0.00132	53.85
Cobalt (mg/L)	MW-B	36	0.002012	0.004367	0.0007278	0.000...	0.00017	0.001893	0.00017	0.0248	30.56
Cobalt (mg/L)	MW-C	35	0.0005685	0.0012	0.0002029	0.00017	0.00017	0.000473	0.00005	0.00676	48.57
Cobalt (mg/L)	MW-E	6	0.0005883	0.00008815	0.00003599	0.000611	0.000487	0.000667	0.000461	0.00677	0
Lead (mg/L)	GU-18	5	0.001652	0.0007773	0.0003476	0.002	0.001131	0.002	0.000262	0.002	80
Lead (mg/L)	GU-3	41	0.001764	0.003343	0.0005222	0.0005	0.0005	0.0008575	0.000249	0.0155	58.54
Lead (mg/L)	GU-4	40	0.0003513	0.0002966	0.0000469	0.00026	0.00026	0.00026	0.00026	0.00165	87.5
Lead (mg/L)	GU-5	38	0.0003038	0.0002266	0.00003676	0.00026	0.00026	0.00026	0.000169	0.00163	89.47
Lead (mg/L)	MW-26 (bg)	33	0.00026	0	0	0.00026	0.00026	0.00026	0.00026	0.00026	100
Lead (mg/L)	MW-67	26	0.0002629	0.00001284	0.000002519	0.00026	0.00026	0.00026	0.00026	0.000325	92.31
Lead (mg/L)	MW-B	35	0.002229	0.00575	0.000972	0.00026	0.00026	0.000728	0.000159	0.0283	48.57
Lead (mg/L)	MW-C	33	0.0003537	0.0003135	0.00005458	0.00026	0.00026	0.000291	0.000236	0.00195	66.67
Lead (mg/L)	MW-E	6	0.0003803	0.0002541	0.0001037	0.00026	0.00026	0.000621	0.00026	0.000894	66.67
Nickel (mg/L)	GU-18	5	0.02704	0.02098	0.009381	0.0126	0.0113	0.05	0.0104	0.05	40
Nickel (mg/L)	GU-3	41	0.03293	0.01998	0.00312	0.05	0.0103	0.05	0.00111	0.0512	48.78
Nickel (mg/L)	GU-4	39	0.007549	0.004327	0.0006929	0.005	0.005	0.00899	0.00348	0.0234	51.28
Nickel (mg/L)	GU-5	38	0.01093	0.005326	0.000864	0.0084	0.0084	0.0114	0.0066	0.03	42.11
Nickel (mg/L)	MW-26 (bg)	33	0.002382	0.00172	0.0002995	0.0021	0.0021	0.0021	0.00081	0.0112	69.7
Nickel (mg/L)	MW-67	26	0.00574	0.004687	0.0009193	0.003255	0.002145	0.008055	0.00113	0.0173	19.23
Nickel (mg/L)	MW-B	35	0.003531	0.003355	0.000567	0.0021	0.0021	0.00397	0.00208	0.0206	54.29
Nickel (mg/L)	MW-C	33	0.002228	0.001029	0.0001792	0.0021	0.0021	0.0021	0.000709	0.0077	78.79
Nickel (mg/L)	MW-E	6	0.002182	0.0002	0.00008167	0.0021	0.0021	0.002345	0.0021	0.00259	83.33
Selenium (mg/L)	GU-18	5	0.0163	0.008278	0.003702	0.02	0.01074	0.02	0.00149	0.02	80
Selenium (mg/L)	GU-3	41	0.001473	0.0003777	0.00005898	0.0014	0.0014	0.0014	0.000934	0.00317	75.61
Selenium (mg/L)	GU-4	40	0.001562	0.0009123	0.0001442	0.0014	0.0014	0.0014	0.00104	0.00701	77.5
Selenium (mg/L)	GU-5	39	0.001388	0.00006061	0.000009705	0.0014	0.0014	0.0014	0.00103	0.0014	94.87
Selenium (mg/L)	MW-26 (bg)	33	0.03837	0.02877	0.005007	0.0369	0.007155	0.06465	0.0014	0.0879	18.18
Selenium (mg/L)	MW-67	23	0.001442	0.000311	0.00006484	0.0014	0.0014	0.0014	0.000671	0.00256	86.96
Selenium (mg/L)	MW-B	35	0.0014	0	0	0.0014	0.0014	0.0014	0.0014	0.0014	100
Selenium (mg/L)	MW-C	27	0.0014	0	0	0.0014	0.0014	0.0014	0.0014	0.0014	100
Selenium (mg/L)	MW-E	6	0.0014	0	0	0.0014	0.0014	0.0014	0.0014	0.0014	100
Silver (mg/L)	GU-18	5	0.00049	0	0	0.00049	0.00049	0.00049	0.00049	0.00049	100
Silver (mg/L)	GU-3	42	0.0005095	0.00006126	0.000009452	0.0005	0.0005	0.0005	0.0005	0.000897	97.62
Silver (mg/L)	GU-4	40	0.000608	0.0007506	0.0001187	0.0005	0.0005	0.0005	0.000101	0.00522	95
Silver (mg/L)	GU-5	39	0.0005	0	0	0.0005	0.0005	0.0005	0.0005	0.0005	100
Silver (mg/L)	MW-26 (bg)	33	0.0004744	0.0001024	0.00001783	0.0005	0.0005	0.0005	0.000056	0.0005	93.94
Silver (mg/L)	MW-67	26	0.0004998	0.0001141	0.00002238	0.0005	0.0005	0.0005	0.000094	0.000901	92.31
Silver (mg/L)	MW-B	35	0.0004911	0.00005257	0.000008886	0.0005	0.0005	0.0005	0.000189	0.0005	97.14
Silver (mg/L)	MW-C	33	0.0006348	0.0007746	0.0001348	0.0005	0.0005	0.0005	0.0005	0.00495	96.97
Silver (mg/L)	MW-E	6	0.0005	0	0	0.0005	0.0005	0.0005	0.0005	0.0005	100
Thallium (mg/L)	GU-18	5	0.003263	0.001648	0.000737	0.004	0.002158	0.004	0.000315	0.004	80

Box & Whiskers Plot

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE PII PRIME flat Printed 12/3/2024, 4:25 PM

Constituent	Well	N	Mean	Std. Dev.	Std. Err.	Median	Lower Q.	Upper Q.	Min.	Max.	%NDs
Thallium (mg/L)	GU-3	41	0.002168	0.0008687	0.0001357	0.00228	0.00228	0.00228	0.000058	0.00596	87.8
Thallium (mg/L)	GU-4	40	0.0005165	0.0001636	0.00002587	0.00057	0.00057	0.00057	0.000047	0.000758	85
Thallium (mg/L)	GU-5	39	0.002062	0.0006561	0.0001051	0.00228	0.00228	0.00228	0.000029	0.00228	89.74
Thallium (mg/L)	MW-26 (bg)	33	0.0005855	0.00008878	0.00001545	0.00057	0.00057	0.00057	0.00057	0.00108	96.97
Thallium (mg/L)	MW-67	26	0.0005177	0.0001536	0.00003013	0.00057	0.00057	0.00057	0.000026	0.00057	88.46
Thallium (mg/L)	MW-B	35	0.00057	0	0	0.00057	0.00057	0.00057	0.00057	0.00057	100
Thallium (mg/L)	MW-C	33	0.0006615	0.0005257	0.00009152	0.00057	0.00057	0.00057	0.00057	0.00359	96.97
Thallium (mg/L)	MW-E	6	0.00057	0	0	0.00057	0.00057	0.00057	0.00057	0.00057	100
Total Suspended Solids (mg/L)	GU-18	3	18.23	14.73	8.503	15	5.38	34.3	5.38	34.3	0
Total Suspended Solids (mg/L)	GU-3	25	856.5	2470	493.9	21.9	3.6	417	0.319	12000	12
Total Suspended Solids (mg/L)	GU-4	21	3.504	2.42	0.528	2.86	1.635	4.605	1.39	10.1	23.81
Total Suspended Solids (mg/L)	GU-5	24	43.98	73.5	15	14.75	7.975	50.15	1.13	312	0
Total Suspended Solids (mg/L)	MW-26 (bg)	22	1.614	0.5777	0.1232	1.39	1.39	2.065	0.75	2.88	59.09
Total Suspended Solids (mg/L)	MW-67	25	3.227	4.443	0.8885	1.88	1.565	2.94	0.625	22.9	36
Total Suspended Solids (mg/L)	MW-B	22	10.41	13.31	2.838	4.815	3.065	11.96	1.63	57.3	0
Total Suspended Solids (mg/L)	MW-C	24	6.021	4.441	0.9065	5.248	1.95	8.845	1.38	19	16.67
Total Suspended Solids (mg/L)	MW-E	6	8.663	8.603	3.512	4.375	2.665	18.95	1.63	23.8	16.67
Vanadium (mg/L)	GU-18	5	0.0011	0	0	0.0011	0.0011	0.0011	0.0011	0.0011	100
Vanadium (mg/L)	GU-3	42	0.002995	0.005719	0.0008825	0.0011	0.0011	0.00143	0.0011	0.0322	73.81
Vanadium (mg/L)	GU-4	40	0.001165	0.0003954	0.00006251	0.0011	0.0011	0.0011	0.000534	0.00321	90
Vanadium (mg/L)	GU-5	38	0.00114	0.0003442	0.00005583	0.0011	0.0011	0.0011	0.000538	0.00301	86.84
Vanadium (mg/L)	MW-26 (bg)	33	0.001116	0.0002293	0.00003991	0.0011	0.0011	0.0011	0.000769	0.00224	60.61
Vanadium (mg/L)	MW-67	26	0.001049	0.0001854	0.00003635	0.0011	0.0011	0.0011	0.000272	0.0011	92.31
Vanadium (mg/L)	MW-B	35	0.001258	0.000875	0.0001479	0.0011	0.0011	0.0011	0.000369	0.00602	68.57
Vanadium (mg/L)	MW-C	33	0.001047	0.000171	0.00002976	0.0011	0.0011	0.0011	0.000452	0.0011	87.88
Vanadium (mg/L)	MW-E	6	0.0011	0	0	0.0011	0.0011	0.0011	0.0011	0.0011	100
Zinc (mg/L)	GU-18	5	0.01	0	0	0.01	0.01	0.01	0.01	0.01	100
Zinc (mg/L)	GU-3	43	0.1627	0.4744	0.07234	0.0286	0.02	0.0922	0.0106	3.05	30.23
Zinc (mg/L)	GU-4	41	0.07615	0.1023	0.01598	0.0205	0.0097	0.145	0.00799	0.456	43.9
Zinc (mg/L)	GU-5	38	0.02473	0.0312	0.005061	0.0097	0.0097	0.02455	0.00894	0.129	57.89
Zinc (mg/L)	MW-26 (bg)	33	0.01683	0.01947	0.003389	0.0097	0.0097	0.0097	0.0097	0.0979	81.82
Zinc (mg/L)	MW-67	26	0.02186	0.03926	0.0077	0.0097	0.0097	0.0097	0.00733	0.16	76.92
Zinc (mg/L)	MW-B	35	0.0349	0.0449	0.00759	0.0097	0.0097	0.0413	0.00605	0.166	48.57
Zinc (mg/L)	MW-C	29	0.01079	0.004228	0.0007852	0.0097	0.0097	0.0097	0.0097	0.0296	93.1
Zinc (mg/L)	MW-E	6	0.0097	0	0	0.0097	0.0097	0.0097	0.0097	0.0097	100



Phase II - Metals

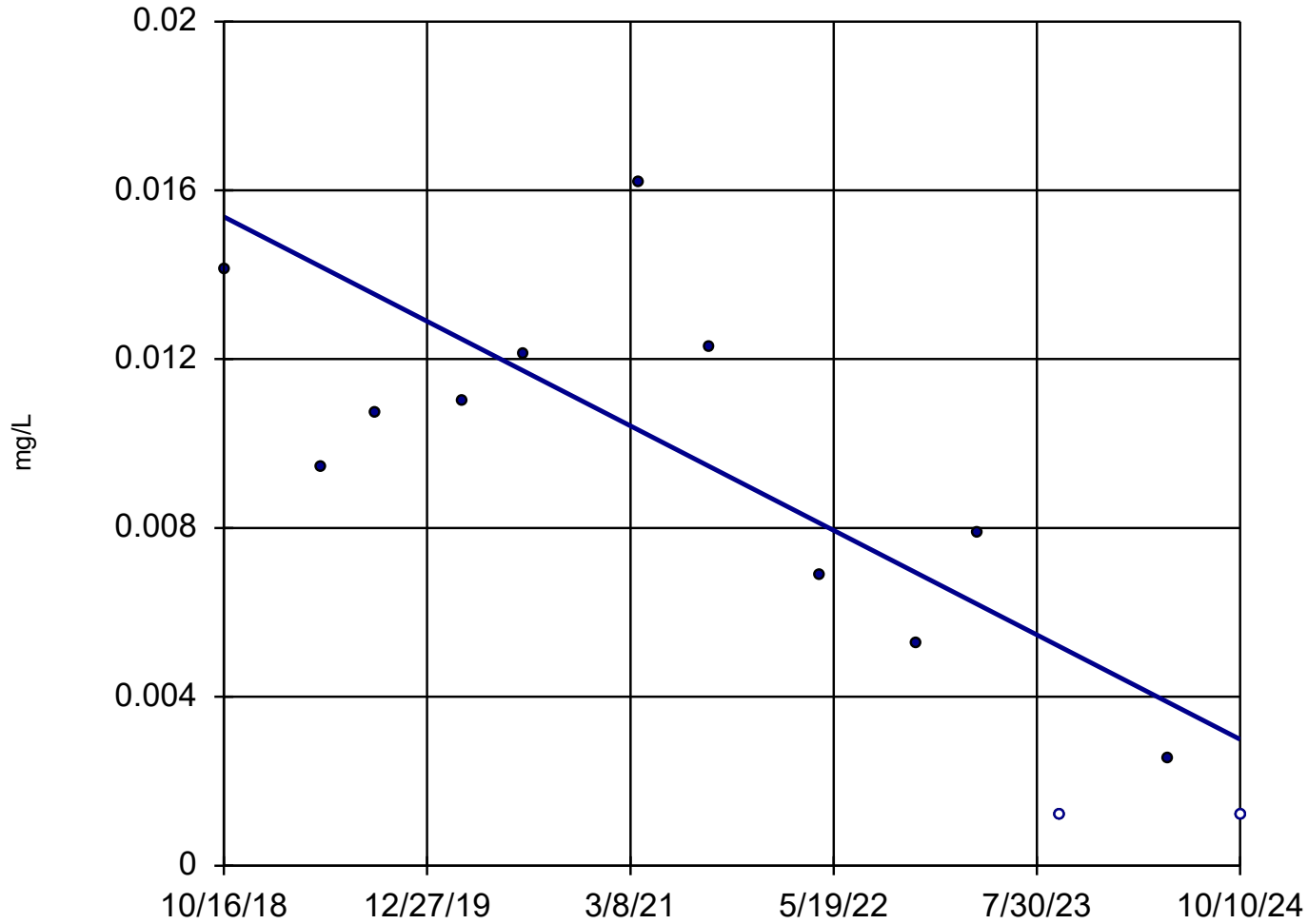
Trends Analysis



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Sen's Slope Estimator

MW-26 (bg)



n = 13

Slope = -0.002067
units per year.

Mann-Kendall
statistic = -41
critical = -39

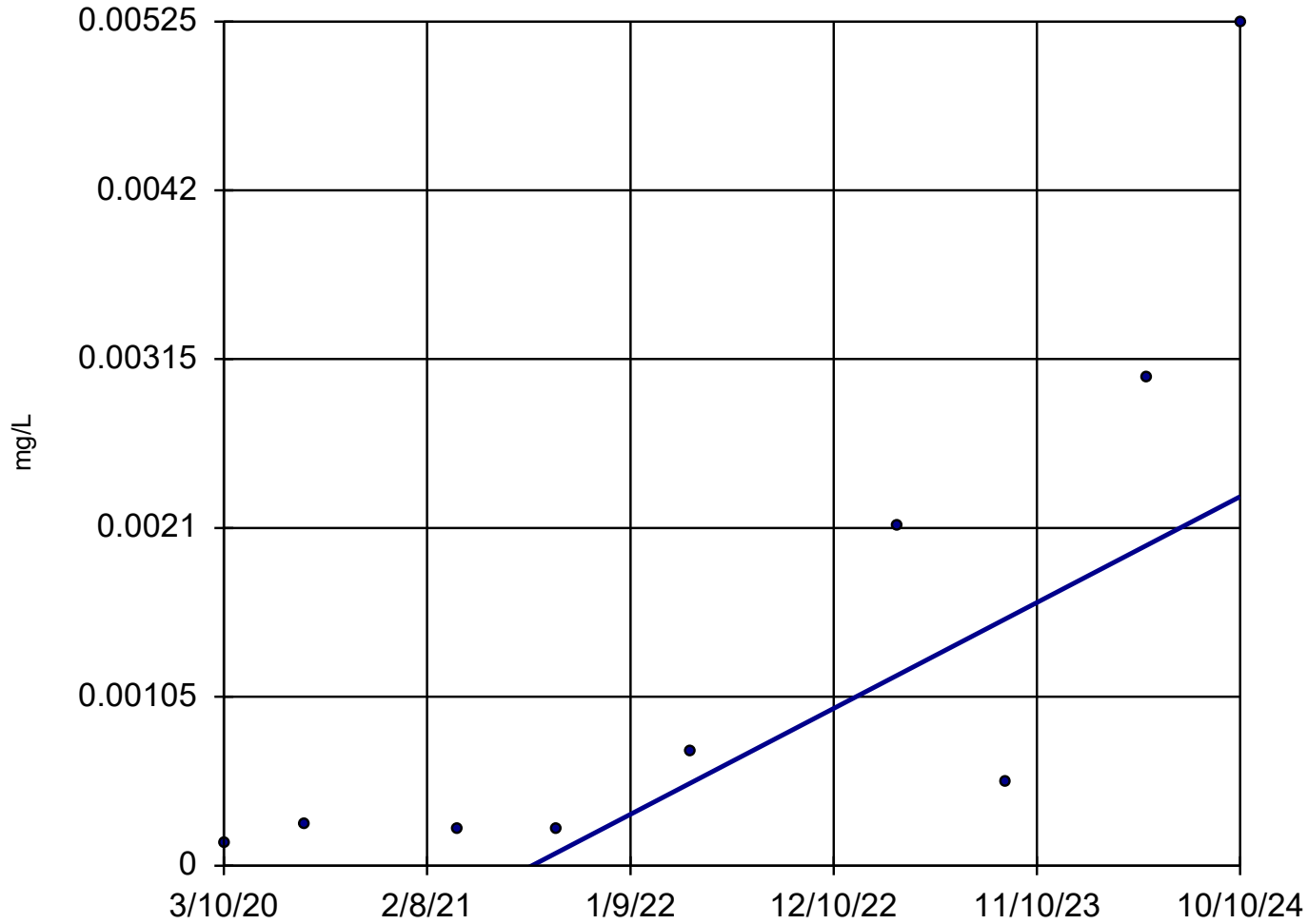
Decreasing trend
significant at 98%
confidence level
($\alpha = 0.01$ per
tail).

Constituent: Chromium Analysis Run 12/3/2024 4:26 PM View: Phase II Appendix I Metals - Trend Test

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE PII PRIME flat

Sen's Slope Estimator

GU-4



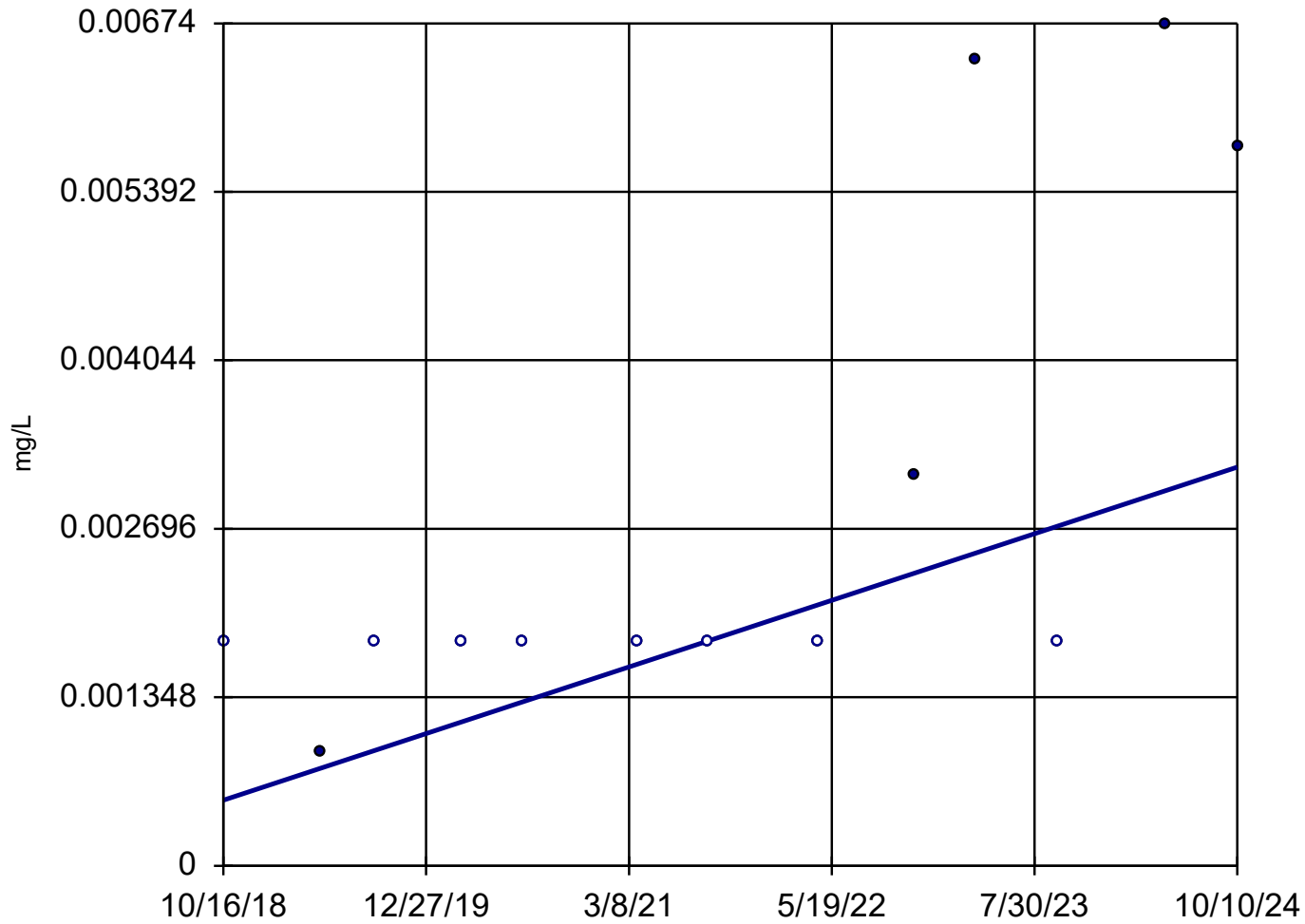
n = 9
Slope = 0.0007177
units per year.
Mann-Kendall
statistic = 27
critical = 23
Increasing trend
significant at 98%
confidence level
($\alpha = 0.01$ per
tail).

Constituent: Cobalt Analysis Run 12/3/2024 4:26 PM View: Phase II Appendix I Metals - Trend Test

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE PII PRIME flat

Sen's Slope Estimator

MW-26 (bg)



n = 13

Slope = 0.0004447
units per year.

Mann-Kendall
statistic = 40
critical = 39

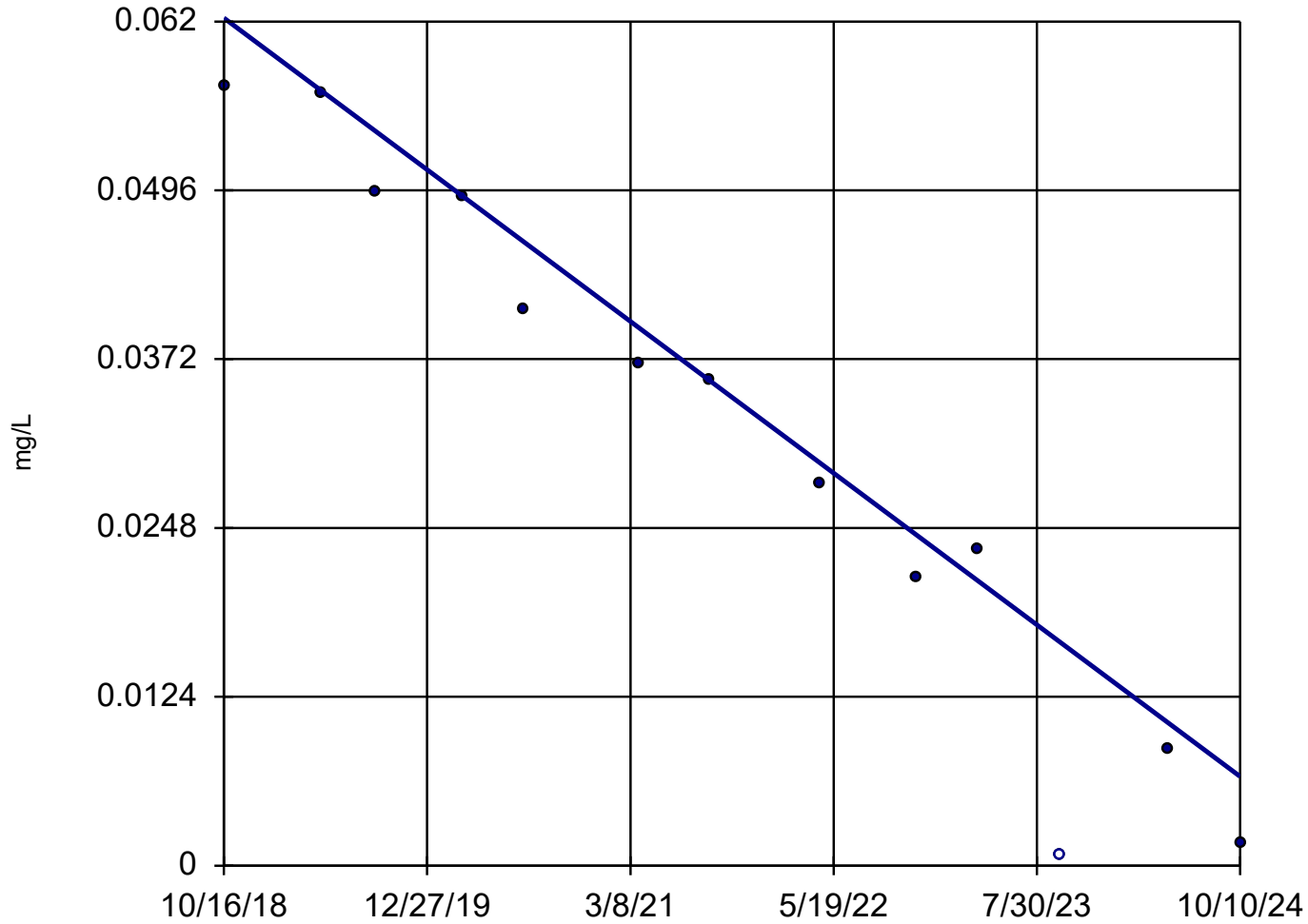
Increasing trend
significant at 98%
confidence level
($\alpha = 0.01$ per
tail).

Constituent: Copper Analysis Run 12/3/2024 4:26 PM View: Phase II Appendix I Metals - Trend Test

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE PII PRIME flat

Sen's Slope Estimator

MW-26 (bg)



n = 13

Slope = -0.009301
units per year.

Mann-Kendall
statistic = -72
critical = -39

Decreasing trend
significant at 98%
confidence level
($\alpha = 0.01$ per
tail).

Constituent: Selenium Analysis Run 12/3/2024 4:27 PM View: Phase II Appendix I Metals - Trend Test

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE PII PRIME flat

Trend Test

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE PII PRIME flat Printed 12/3/2024, 4:28 PM

<u>Constituent</u>	<u>Well</u>	<u>Slope</u>	<u>Calc.</u>	<u>Critical</u>	<u>Sig.</u>	<u>N</u>	<u>%NDs</u>	<u>Alpha</u>	<u>Method</u>
Antimony (mg/L)	GU-18	0	NaN	NaN	No	3	100	NaN	NP
Antimony (mg/L)	GU-3	0	0	35	No	12	100	0.02	NP
Antimony (mg/L)	GU-4	0	0	23	No	9	100	0.02	NP
Antimony (mg/L)	GU-5	0	0	35	No	12	100	0.02	NP
Antimony (mg/L)	MW-26 (bg)	0	0	39	No	13	100	0.02	NP
Antimony (mg/L)	MW-67	0	0	39	No	13	100	0.02	NP
Antimony (mg/L)	MW-B	0	0	39	No	13	100	0.02	NP
Antimony (mg/L)	MW-C	0	0	39	No	13	100	0.02	NP
Antimony (mg/L)	MW-E	0	0	13	No	6	100	0.02	NP
Arsenic (mg/L)	GU-18	-0.00379	NaN	NaN	No	3	66.67	NaN	NP
Arsenic (mg/L)	GU-3	0.000129	8	31	No	11	18.18	0.02	NP
Arsenic (mg/L)	GU-4	7.2e-7	15	23	No	9	66.67	0.02	NP
Arsenic (mg/L)	GU-5	-0.00005144	-3	-35	No	12	16.67	0.02	NP
Arsenic (mg/L)	MW-26 (bg)	0	-10	-39	No	13	92.31	0.02	NP
Arsenic (mg/L)	MW-67	0	-23	-39	No	13	84.62	0.02	NP
Arsenic (mg/L)	MW-B	0	-12	-39	No	13	69.23	0.02	NP
Arsenic (mg/L)	MW-C	0	19	44	No	14	64.29	0.02	NP
Arsenic (mg/L)	MW-E	0.0003613	5	13	No	6	0	0.02	NP
Barium (mg/L)	GU-18	-0.003879	NaN	NaN	No	3	0	NaN	NP
Barium (mg/L)	GU-3	-0.0004942	0	35	No	12	0	0.02	NP
Barium (mg/L)	GU-4	0.00636	6	23	No	9	0	0.02	NP
Barium (mg/L)	GU-5	-0.01995	-30	-35	No	12	0	0.02	NP
Barium (mg/L)	MW-26 (bg)	0.001093	14	35	No	12	0	0.02	NP
Barium (mg/L)	MW-67	-0.001236	-20	-39	No	13	0	0.02	NP
Barium (mg/L)	MW-B	-0.001409	-23	-39	No	13	0	0.02	NP
Barium (mg/L)	MW-C	-0.008802	-8	-39	No	13	0	0.02	NP
Barium (mg/L)	MW-E	0.03768	3	13	No	6	0	0.02	NP
Beryllium (mg/L)	GU-18	0	NaN	NaN	No	3	100	NaN	NP
Beryllium (mg/L)	GU-3	0	9	35	No	12	58.33	0.02	NP
Beryllium (mg/L)	GU-4	0	0	23	No	9	100	0.02	NP
Beryllium (mg/L)	GU-5	0	0	35	No	12	100	0.02	NP
Beryllium (mg/L)	MW-26 (bg)	0	0	39	No	13	100	0.02	NP
Beryllium (mg/L)	MW-67	0	0	39	No	13	100	0.02	NP
Beryllium (mg/L)	MW-B	0	0	39	No	13	100	0.02	NP
Beryllium (mg/L)	MW-C	0	0	39	No	13	100	0.02	NP
Beryllium (mg/L)	MW-E	0	0	13	No	6	100	0.02	NP
Cadmium (mg/L)	GU-18	-0.0001685	NaN	NaN	No	3	66.67	NaN	NP
Cadmium (mg/L)	GU-3	0.0001126	21	35	No	12	25	0.02	NP
Cadmium (mg/L)	GU-4	-0.0000151	-13	-23	No	9	33.33	0.02	NP
Cadmium (mg/L)	GU-5	0	3	35	No	12	50	0.02	NP
Cadmium (mg/L)	MW-26 (bg)	0	29	39	No	13	76.92	0.02	NP
Cadmium (mg/L)	MW-67	0	11	39	No	13	69.23	0.02	NP
Cadmium (mg/L)	MW-B	0	6	39	No	13	61.54	0.02	NP
Cadmium (mg/L)	MW-C	0	8	39	No	13	92.31	0.02	NP
Cadmium (mg/L)	MW-E	0	5	13	No	6	83.33	0.02	NP
Chromium (mg/L)	GU-18	0	NaN	NaN	No	3	100	NaN	NP
Chromium (mg/L)	GU-3	0.0001096	6	35	No	12	33.33	0.02	NP
Chromium (mg/L)	GU-4	0	2	23	No	9	88.89	0.02	NP
Chromium (mg/L)	GU-5	0	-1	-35	No	12	91.67	0.02	NP
Chromium (mg/L)	MW-26 (bg)	-0.002067	-41	-39	Yes	13	15.38	0.02	NP

Trend Test

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE PII PRIME flat Printed 12/3/2024, 4:28 PM

<u>Constituent</u>	<u>Well</u>	<u>Slope</u>	<u>Calc.</u>	<u>Critical</u>	<u>Sig.</u>	<u>N</u>	<u>%NDs</u>	<u>Alpha</u>	<u>Method</u>
Chromium (mg/L)	MW-67	0	-5	-39	No	13	84.62	0.02	NP
Chromium (mg/L)	MW-B	0	-10	-39	No	13	92.31	0.02	NP
Chromium (mg/L)	MW-C	0	-4	-39	No	13	92.31	0.02	NP
Chromium (mg/L)	MW-E	0	0	13	No	6	100	0.02	NP
Cobalt (mg/L)	GU-18	0.0009411	NaN	NaN	No	3	0	NaN	NP
Cobalt (mg/L)	GU-3	0.0002408	16	35	No	12	0	0.02	NP
Cobalt (mg/L)	GU-4	0.0007177	27	23	Yes	9	0	0.02	NP
Cobalt (mg/L)	GU-5	-0.0002705	-10	-35	No	12	0	0.02	NP
Cobalt (mg/L)	MW-26 (bg)	0	22	39	No	13	69.23	0.02	NP
Cobalt (mg/L)	MW-67	0.0000153	27	39	No	13	53.85	0.02	NP
Cobalt (mg/L)	MW-B	-0.00004963	-18	-39	No	13	7.692	0.02	NP
Cobalt (mg/L)	MW-C	0.00001109	13	39	No	13	23.08	0.02	NP
Cobalt (mg/L)	MW-E	0.0001333	5	13	No	6	0	0.02	NP
Copper (mg/L)	GU-18	0	NaN	NaN	No	3	100	NaN	NP
Copper (mg/L)	GU-3	0.0002337	12	35	No	12	33.33	0.02	NP
Copper (mg/L)	GU-4	0	5	23	No	9	77.78	0.02	NP
Copper (mg/L)	GU-5	0	-10	-35	No	12	75	0.02	NP
Copper (mg/L)	MW-26 (bg)	0.0004447	40	39	Yes	13	61.54	0.02	NP
Copper (mg/L)	MW-67	0	7	39	No	13	76.92	0.02	NP
Copper (mg/L)	MW-B	-0.0001225	-39	-44	No	14	35.71	0.02	NP
Copper (mg/L)	MW-C	-0.0001518	-38	-39	No	13	61.54	0.02	NP
Copper (mg/L)	MW-E	0	0	13	No	6	100	0.02	NP
Lead (mg/L)	GU-18	-0.001105	NaN	NaN	No	3	66.67	NaN	NP
Lead (mg/L)	GU-3	-0.000006308	-7	-35	No	12	25	0.02	NP
Lead (mg/L)	GU-4	0	-3	-23	No	9	77.78	0.02	NP
Lead (mg/L)	GU-5	0	7	35	No	12	83.33	0.02	NP
Lead (mg/L)	MW-26 (bg)	0	0	39	No	13	100	0.02	NP
Lead (mg/L)	MW-67	0	-10	-39	No	13	92.31	0.02	NP
Lead (mg/L)	MW-B	-0.00001691	-30	-39	No	13	38.46	0.02	NP
Lead (mg/L)	MW-C	-0.00001315	-22	-39	No	13	38.46	0.02	NP
Lead (mg/L)	MW-E	0	5	13	No	6	66.67	0.02	NP
Nickel (mg/L)	GU-18	0.001145	NaN	NaN	No	3	0	NaN	NP
Nickel (mg/L)	GU-3	0.004063	20	35	No	12	0	0.02	NP
Nickel (mg/L)	GU-4	0.0009657	14	23	No	9	11.11	0.02	NP
Nickel (mg/L)	GU-5	-0.0004837	-11	-35	No	12	16.67	0.02	NP
Nickel (mg/L)	MW-26 (bg)	0.00007895	38	39	No	13	61.54	0.02	NP
Nickel (mg/L)	MW-67	-0.00009269	-8	-39	No	13	30.77	0.02	NP
Nickel (mg/L)	MW-B	-0.000247	-24	-39	No	13	38.46	0.02	NP
Nickel (mg/L)	MW-C	0	-1	-39	No	13	76.92	0.02	NP
Nickel (mg/L)	MW-E	0	-1	-13	No	6	83.33	0.02	NP
Selenium (mg/L)	GU-18	-0.01177	NaN	NaN	No	3	66.67	NaN	NP
Selenium (mg/L)	GU-3	0.00002784	20	35	No	12	33.33	0.02	NP
Selenium (mg/L)	GU-4	0.00006293	18	23	No	9	55.56	0.02	NP
Selenium (mg/L)	GU-5	0	1	35	No	12	91.67	0.02	NP
Selenium (mg/L)	MW-26 (bg)	-0.009301	-72	-39	Yes	13	7.692	0.02	NP
Selenium (mg/L)	MW-67	0	2	39	No	13	92.31	0.02	NP
Selenium (mg/L)	MW-B	0	0	39	No	13	100	0.02	NP
Selenium (mg/L)	MW-C	0	0	23	No	9	100	0.02	NP
Selenium (mg/L)	MW-E	0	0	13	No	6	100	0.02	NP
Silver (mg/L)	GU-18	0	NaN	NaN	No	3	100	NaN	NP

Trend Test

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE PII PRIME flat Printed 12/3/2024, 4:28 PM

<u>Constituent</u>	<u>Well</u>	<u>Slope</u>	<u>Calc.</u>	<u>Critical</u>	<u>Sig.</u>	<u>N</u>	<u>%NDs</u>	<u>Alpha</u>	<u>Method</u>
Silver (mg/L)	GU-3	0	3	35	No	12	91.67	0.02	NP
Silver (mg/L)	GU-4	0	0	23	No	9	100	0.02	NP
Silver (mg/L)	GU-5	0	0	35	No	12	100	0.02	NP
Silver (mg/L)	MW-26 (bg)	0	0	39	No	13	100	0.02	NP
Silver (mg/L)	MW-67	0	2	39	No	13	92.31	0.02	NP
Silver (mg/L)	MW-B	0	0	39	No	13	100	0.02	NP
Silver (mg/L)	MW-C	0	0	39	No	13	100	0.02	NP
Silver (mg/L)	MW-E	0	0	13	No	6	100	0.02	NP
Thallium (mg/L)	GU-18	-0.002343	NaN	NaN	No	3	66.67	NaN	NP
Thallium (mg/L)	GU-3	0	-4	-35	No	12	75	0.02	NP
Thallium (mg/L)	GU-4	0	1	23	No	9	77.78	0.02	NP
Thallium (mg/L)	GU-5	0	-7	-35	No	12	91.67	0.02	NP
Thallium (mg/L)	MW-26 (bg)	0	-2	-39	No	13	92.31	0.02	NP
Thallium (mg/L)	MW-67	0	-2	-39	No	13	92.31	0.02	NP
Thallium (mg/L)	MW-B	0	0	39	No	13	100	0.02	NP
Thallium (mg/L)	MW-C	0	0	39	No	13	100	0.02	NP
Thallium (mg/L)	MW-E	0	0	13	No	6	100	0.02	NP
Vanadium (mg/L)	GU-18	0	NaN	NaN	No	3	100	NaN	NP
Vanadium (mg/L)	GU-3	0	13	35	No	12	58.33	0.02	NP
Vanadium (mg/L)	GU-4	0	-5	-23	No	9	77.78	0.02	NP
Vanadium (mg/L)	GU-5	0	6	35	No	12	75	0.02	NP
Vanadium (mg/L)	MW-26 (bg)	0	9	39	No	13	53.85	0.02	NP
Vanadium (mg/L)	MW-67	0	0	39	No	13	100	0.02	NP
Vanadium (mg/L)	MW-B	0	8	39	No	13	69.23	0.02	NP
Vanadium (mg/L)	MW-C	0	0	39	No	13	100	0.02	NP
Vanadium (mg/L)	MW-E	0	0	13	No	6	100	0.02	NP
Zinc (mg/L)	GU-18	0	NaN	NaN	No	3	100	NaN	NP
Zinc (mg/L)	GU-3	0.04757	12	35	No	12	0	0.02	NP
Zinc (mg/L)	GU-4	0	1	23	No	9	66.67	0.02	NP
Zinc (mg/L)	GU-5	0	3	35	No	12	50	0.02	NP
Zinc (mg/L)	MW-26 (bg)	0	8	39	No	13	92.31	0.02	NP
Zinc (mg/L)	MW-67	0	1	39	No	13	84.62	0.02	NP
Zinc (mg/L)	MW-B	0	-25	-39	No	13	76.92	0.02	NP
Zinc (mg/L)	MW-C	0	0	35	No	12	100	0.02	NP
Zinc (mg/L)	MW-E	0	0	13	No	6	100	0.02	NP



Phase II - Metals

Intrawell Prediction Limits



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Prediction Limit

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE PII PRIME flat Printed 12/3/2024, 4:45 PM

<u>Constituent</u>	<u>Well</u>	<u>Upper Lim.</u>	<u>Date</u>	<u>Observ.</u>	<u>Sig.</u>	<u>Bg N</u>	<u>Bg Wells</u>	<u>%NDs</u>	<u>ND Adj.</u>	<u>Transform</u>	<u>Alpha</u>	<u>Method</u>
Antimony (mg/L)	MW-67	0.006	10/10/2024	0.001ND	No	12	n/a	66.67	n/a	n/a	0.01099	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	MW-67	0.002	10/10/2024	0.00053ND	No	12	n/a	83.33	n/a	n/a	0.01099	NP Intra (NDs) 1 of 2
Barium (mg/L)	MW-67	0.06725	10/10/2024	0.034	No	12	n/a	0	None	No	0.01741	Param Intra 1 of 2
Beryllium (mg/L)	MW-67	0.00228	10/10/2024	0.00033ND	No	13	n/a	92.31	n/a	n/a	0.009876	NP Intra (NDs) 1 of 2
Cadmium (mg/L)	MW-67	0.0005	10/10/2024	0.0001ND	No	12	n/a	75	n/a	n/a	0.01099	NP Intra (NDs) 1 of 2
Chromium (mg/L)	MW-67	0.02	10/10/2024	0.0012ND	No	12	n/a	100	n/a	n/a	0.01099	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	MW-67	0.00241	10/10/2024	0.000745	No	12	n/a	58.33	n/a	n/a	0.01099	NP Intra (NDs) 1 of 2
Copper (mg/L)	MW-67	0.02	10/10/2024	0.0018ND	No	12	n/a	75	n/a	n/a	0.01099	NP Intra (NDs) 1 of 2
Lead (mg/L)	MW-67	0.004	10/10/2024	0.00026ND	No	12	n/a	91.67	n/a	n/a	0.01099	NP Intra (NDs) 1 of 2
Nickel (mg/L)	MW-67	0.02802	10/10/2024	0.00789	No	12	n/a	8.333	None	sqrt(x)	0.01741	Param Intra 1 of 2
Selenium (mg/L)	MW-67	0.005	10/10/2024	0.0014ND	No	9	n/a	77.78	n/a	n/a	0.01869	NP Intra (NDs) 1 of 2
Silver (mg/L)	MW-67	0.02	10/10/2024	0.0005ND	No	12	n/a	91.67	n/a	n/a	0.01099	NP Intra (NDs) 1 of 2
Thallium (mg/L)	MW-67	0.002	10/10/2024	0.00057ND	No	12	n/a	83.33	n/a	n/a	0.01099	NP Intra (NDs) 1 of 2
Vanadium (mg/L)	MW-67	0.05	10/10/2024	0.0011ND	No	12	n/a	83.33	n/a	n/a	0.01099	NP Intra (NDs) 1 of 2
Zinc (mg/L)	MW-67	0.16	10/10/2024	0.0097ND	No	12	n/a	75	n/a	n/a	0.01099	NP Intra (NDs) 1 of 2

Prediction Limit

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE PII PRIME flat Printed 12/3/2024, 4:43 PM

<u>Constituent</u>	<u>Well</u>	<u>Upper Lim.</u>	<u>Date</u>	<u>Observ.</u>	<u>Sig.</u>	<u>Bg N</u>	<u>Bg Wells</u>	<u>%NDs</u>	<u>ND Adj.</u>	<u>Transform</u>	<u>Alpha</u>	<u>Method</u>
Antimony (mg/L)	MW-B	0.006	10/10/2024	0.001ND	No	20	n/a	100	n/a	n/a	0.004329	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	MW-B	0.00547	10/10/2024	0.00053ND	No	20	n/a	50	n/a	n/a	0.004329	NP Intra (normality) ...
Barium (mg/L)	MW-B	0.07916	10/10/2024	0.0443	No	20	n/a	0	None	x^(1/3)	0.01741	Param Intra 1 of 2
Beryllium (mg/L)	MW-B	0.00284	10/10/2024	0.00033ND	No	20	n/a	90	n/a	n/a	0.004329	NP Intra (NDs) 1 of 2
Cadmium (mg/L)	MW-B	0.00053	10/10/2024	0.0001ND	No	17	n/a	70.59	n/a	n/a	0.005984	NP Intra (NDs) 1 of 2
Chromium (mg/L)	MW-B	0.028	10/10/2024	0.0012ND	No	21	n/a	90.48	n/a	n/a	0.004033	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	MW-B	0.0248	10/10/2024	0.000257J	No	21	n/a	47.62	n/a	n/a	0.004033	NP Intra (xform) 1 of 2
Copper (mg/L)	MW-B	0.02311	10/10/2024	0.0018ND	No	20	n/a	45	Aitchison`s	No	0.01741	Param Intra 1 of 2
Lead (mg/L)	MW-B	0.0283	10/10/2024	0.00026ND	No	20	n/a	60	n/a	n/a	0.004329	NP Intra (NDs) 1 of 2
Nickel (mg/L)	MW-B	0.05	10/10/2024	0.0021ND	No	20	n/a	70	n/a	n/a	0.004329	NP Intra (NDs) 1 of 2
Selenium (mg/L)	MW-B	0.005	10/10/2024	0.0014ND	No	20	n/a	100	n/a	n/a	0.004329	NP Intra (NDs) 1 of 2
Silver (mg/L)	MW-B	0.02	10/10/2024	0.0005ND	No	20	n/a	100	n/a	n/a	0.004329	NP Intra (NDs) 1 of 2
Thallium (mg/L)	MW-B	0.002	10/10/2024	0.00057ND	No	20	n/a	100	n/a	n/a	0.004329	NP Intra (NDs) 1 of 2
Vanadium (mg/L)	MW-B	0.05	10/10/2024	0.0011ND	No	20	n/a	75	n/a	n/a	0.004329	NP Intra (NDs) 1 of 2
Zinc (mg/L)	MW-B	0.124	10/10/2024	0.0097ND	No	20	n/a	30	Aitchison`s	sqrt(x)	0.01741	Param Intra 1 of 2

Prediction Limit

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE PII PRIME flat Printed 12/3/2024, 4:41 PM

<u>Constituent</u>	<u>Well</u>	<u>Upper Lim.</u>	<u>Date</u>	<u>Observ.</u>	<u>Sig.</u>	<u>Bg N</u>	<u>Bg Wells</u>	<u>%NDs</u>	<u>ND Adj.</u>	<u>Transform</u>	<u>Alpha</u>	<u>Method</u>
Antimony (mg/L)	MW-C	0.006	10/10/2024	0.001ND	No	24	n/a	100	n/a	n/a	0.003145	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	MW-C	0.002	10/10/2024	0.0015J	No	24	n/a	83.33	n/a	n/a	0.003145	NP Intra (NDs) 1 of 2
Barium (mg/L)	MW-C	0.6034	10/10/2024	0.273	No	24	n/a	0	None	x^3	0.01741	Param Intra 1 of 2
Beryllium (mg/L)	MW-C	0.001	10/10/2024	0.00033ND	No	24	n/a	95.83	n/a	n/a	0.003145	NP Intra (NDs) 1 of 2
Cadmium (mg/L)	MW-C	0.0005	10/10/2024	0.0001ND	No	24	n/a	91.67	n/a	n/a	0.003145	NP Intra (NDs) 1 of 2
Chromium (mg/L)	MW-C	0.02	10/10/2024	0.0012ND	No	24	n/a	100	n/a	n/a	0.003145	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	MW-C	0.00676	10/10/2024	0.000177J	No	26	n/a	57.69	n/a	n/a	0.002682	NP Intra (NDs) 1 of 2
Copper (mg/L)	MW-C	0.0412	10/10/2024	0.0018ND	No	24	n/a	66.67	n/a	n/a	0.003145	NP Intra (NDs) 1 of 2
Lead (mg/L)	MW-C	0.004	10/10/2024	0.00026ND	No	24	n/a	75	n/a	n/a	0.003145	NP Intra (NDs) 1 of 2
Nickel (mg/L)	MW-C	0.05	10/10/2024	0.0021ND	No	24	n/a	75	n/a	n/a	0.003145	NP Intra (NDs) 1 of 2
Selenium (mg/L)	MW-C	0.005	10/10/2024	0.0014ND	No	20	n/a	100	n/a	n/a	0.004329	NP Intra (NDs) 1 of 2
Silver (mg/L)	MW-C	0.02	10/10/2024	0.0005ND	No	24	n/a	95.83	n/a	n/a	0.003145	NP Intra (NDs) 1 of 2
Thallium (mg/L)	MW-C	0.00359	10/10/2024	0.00057ND	No	24	n/a	95.83	n/a	n/a	0.003145	NP Intra (NDs) 1 of 2
Vanadium (mg/L)	MW-C	0.05	10/10/2024	0.0011ND	No	24	n/a	83.33	n/a	n/a	0.003145	NP Intra (NDs) 1 of 2
Zinc (mg/L)	MW-C	0.0296	10/10/2024	0.0097ND	No	20	n/a	90	n/a	n/a	0.004329	NP Intra (NDs) 1 of 2



Phase II - Metals

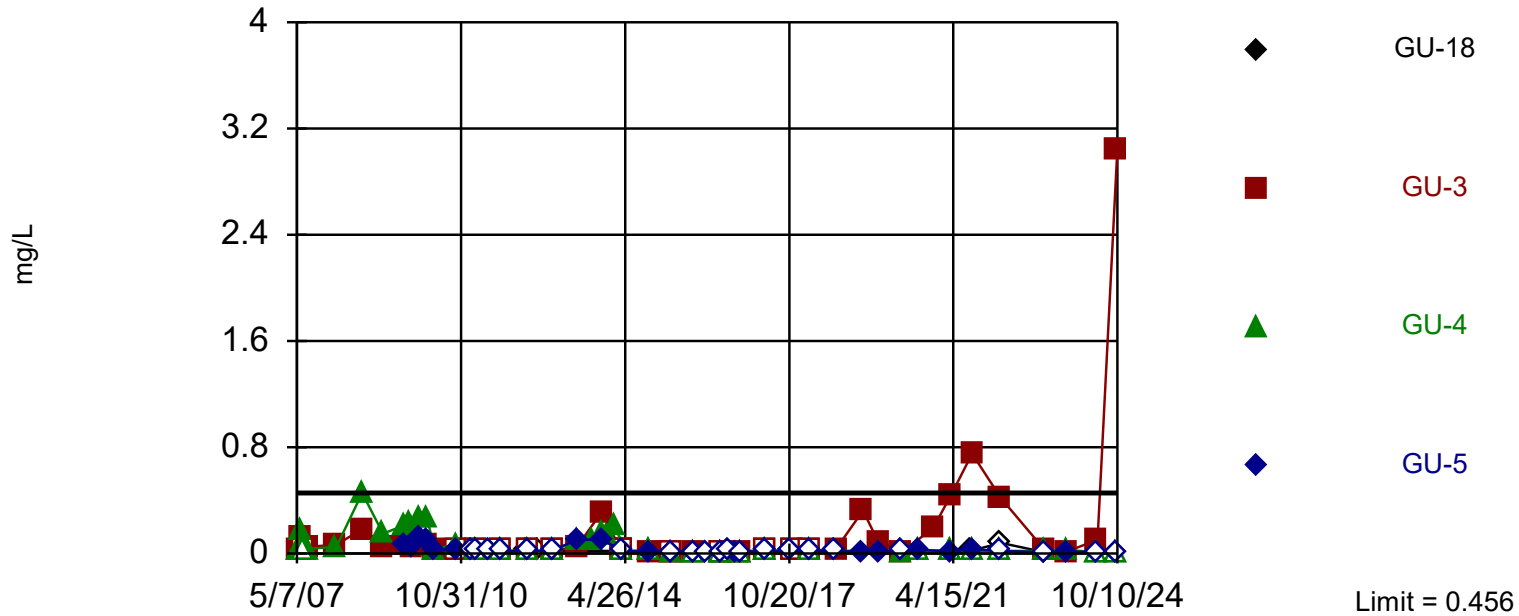
Interwell Prediction Limits



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Exceeds Limit: GU-3

Prediction Limit Interwell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Francia normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 75 background values. 37.33% NDs. Annual per-constituent alpha = 0.001036. Individual comparison alpha = 0.0003456 (1 of 2). Comparing 4 points to limit. Seasonality was not detected with 95% confidence.

Constituent: Zinc Analysis Run 12/3/2024 4:47 PM View: Interwell PL - GU-3, GU-4, GU-5

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE PII PRIME flat

Prediction Limit

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE PII PRIME flat Printed 12/3/2024, 4:50 PM

Constituent	Well	Upper Lim.	Date	Observ.	Sig.	Bg N	Bg Wells	%NDs	ND Adj.	Transform	Alpha	Method
Antimony (mg/L)	GU-18	0.1	3/23/2023	0.00069ND	No	74	GU-4BG, GU-5B...	93.24	n/a	n/a	0.0003546	NP Inter (NDs) 1 of 2
Antimony (mg/L)	GU-3	0.1	10/10/2024	0.001ND	No	74	GU-4BG, GU-5B...	93.24	n/a	n/a	0.0003546	NP Inter (NDs) 1 of 2
Antimony (mg/L)	GU-4	0.1	10/10/2024	0.001ND	No	74	GU-4BG, GU-5B...	93.24	n/a	n/a	0.0003546	NP Inter (NDs) 1 of 2
Antimony (mg/L)	GU-5	0.1	10/10/2024	0.001ND	No	74	GU-4BG, GU-5B...	93.24	n/a	n/a	0.0003546	NP Inter (NDs) 1 of 2
Arsenic (mg/L)	GU-18	0.08	3/23/2023	0.00204	No	74	GU-5BG, GU-4B...	52.7	n/a	n/a	0.0003546	NP Inter (NDs) 1 of 2
Arsenic (mg/L)	GU-3	0.08	10/10/2024	0.00281	No	74	GU-5BG, GU-4B...	52.7	n/a	n/a	0.0003546	NP Inter (NDs) 1 of 2
Arsenic (mg/L)	GU-4	0.08	10/10/2024	0.00102J	No	74	GU-5BG, GU-4B...	52.7	n/a	n/a	0.0003546	NP Inter (NDs) 1 of 2
Arsenic (mg/L)	GU-5	0.08	10/10/2024	0.00767	No	74	GU-5BG, GU-4B...	52.7	n/a	n/a	0.0003546	NP Inter (NDs) 1 of 2
Barium (mg/L)	GU-18	1.85	3/23/2023	0.0295	No	78	GU-4BG, GU-3B...	0	n/a	n/a	0.0003186	NP Inter (normality) ...
Barium (mg/L)	GU-3	1.85	10/10/2024	0.0839	No	78	GU-4BG, GU-3B...	0	n/a	n/a	0.0003186	NP Inter (normality) ...
Barium (mg/L)	GU-4	1.85	10/10/2024	0.0745	No	78	GU-4BG, GU-3B...	0	n/a	n/a	0.0003186	NP Inter (normality) ...
Barium (mg/L)	GU-5	1.85	10/10/2024	0.0579	No	78	GU-4BG, GU-3B...	0	n/a	n/a	0.0003186	NP Inter (normality) ...
Beryllium (mg/L)	GU-18	0.0108	3/23/2023	0.00027ND	No	74	GU-3BG, GU-5B...	91.89	n/a	n/a	0.0003546	NP Inter (NDs) 1 of 2
Beryllium (mg/L)	GU-3	0.0108	10/10/2024	0.00033ND	No	74	GU-3BG, GU-5B...	91.89	n/a	n/a	0.0003546	NP Inter (NDs) 1 of 2
Beryllium (mg/L)	GU-4	0.0108	10/10/2024	0.00033ND	No	74	GU-3BG, GU-5B...	91.89	n/a	n/a	0.0003546	NP Inter (NDs) 1 of 2
Beryllium (mg/L)	GU-5	0.0108	10/10/2024	0.00033ND	No	74	GU-3BG, GU-5B...	91.89	n/a	n/a	0.0003546	NP Inter (NDs) 1 of 2
Cadmium (mg/L)	GU-18	0.02	3/23/2023	0.000135	No	74	GU-5BG, GU-4B...	79.73	n/a	n/a	0.0003546	NP Inter (NDs) 1 of 2
Cadmium (mg/L)	GU-3	0.02	10/10/2024	0.000414	No	74	GU-5BG, GU-4B...	79.73	n/a	n/a	0.0003546	NP Inter (NDs) 1 of 2
Cadmium (mg/L)	GU-4	0.02	10/10/2024	0.0001ND	No	74	GU-5BG, GU-4B...	79.73	n/a	n/a	0.0003546	NP Inter (NDs) 1 of 2
Cadmium (mg/L)	GU-5	0.02	10/10/2024	0.0001ND	No	74	GU-5BG, GU-4B...	79.73	n/a	n/a	0.0003546	NP Inter (NDs) 1 of 2
Chromium (mg/L)	GU-18	0.06	3/23/2023	0.0011ND	No	74	GU-5BG, GU-3B...	93.24	n/a	n/a	0.0003546	NP Inter (NDs) 1 of 2
Chromium (mg/L)	GU-3	0.06	10/10/2024	0.0114	No	74	GU-5BG, GU-3B...	93.24	n/a	n/a	0.0003546	NP Inter (NDs) 1 of 2
Chromium (mg/L)	GU-4	0.06	10/10/2024	0.0012ND	No	74	GU-5BG, GU-3B...	93.24	n/a	n/a	0.0003546	NP Inter (NDs) 1 of 2
Chromium (mg/L)	GU-5	0.06	10/10/2024	0.0012ND	No	74	GU-5BG, GU-3B...	93.24	n/a	n/a	0.0003546	NP Inter (NDs) 1 of 2
Cobalt (mg/L)	GU-18	0.0833	3/23/2023	0.0028	No	74	GU-3BG, GU-4B...	51.35	n/a	n/a	0.0003546	NP Inter (NDs) 1 of 2
Cobalt (mg/L)	GU-3	0.0833	10/10/2024	0.00196	No	74	GU-3BG, GU-4B...	51.35	n/a	n/a	0.0003546	NP Inter (NDs) 1 of 2
Cobalt (mg/L)	GU-4	0.0833	10/10/2024	0.00525	No	74	GU-3BG, GU-4B...	51.35	n/a	n/a	0.0003546	NP Inter (NDs) 1 of 2
Cobalt (mg/L)	GU-5	0.0833	10/10/2024	0.00526	No	74	GU-3BG, GU-4B...	51.35	n/a	n/a	0.0003546	NP Inter (NDs) 1 of 2
Copper (mg/L)	GU-18	0.06	3/23/2023	0.0018ND	No	74	GU-5BG, GU-3B...	87.84	n/a	n/a	0.0003546	NP Inter (NDs) 1 of 2
Copper (mg/L)	GU-3	0.06	10/10/2024	0.00507	No	74	GU-5BG, GU-3B...	87.84	n/a	n/a	0.0003546	NP Inter (NDs) 1 of 2
Copper (mg/L)	GU-4	0.06	10/10/2024	0.0018ND	No	74	GU-5BG, GU-3B...	87.84	n/a	n/a	0.0003546	NP Inter (NDs) 1 of 2
Copper (mg/L)	GU-5	0.06	10/10/2024	0.0018ND	No	74	GU-5BG, GU-3B...	87.84	n/a	n/a	0.0003546	NP Inter (NDs) 1 of 2
Lead (mg/L)	GU-18	0.0257	3/23/2023	0.000262J	No	72	GU-5BG, GU-3B...	84.72	n/a	n/a	0.0003725	NP Inter (NDs) 1 of 2
Lead (mg/L)	GU-3	0.0257	10/10/2024	0.000764	No	72	GU-5BG, GU-3B...	84.72	n/a	n/a	0.0003725	NP Inter (NDs) 1 of 2
Lead (mg/L)	GU-4	0.0257	10/10/2024	0.00026ND	No	72	GU-5BG, GU-3B...	84.72	n/a	n/a	0.0003725	NP Inter (NDs) 1 of 2
Lead (mg/L)	GU-5	0.0257	10/10/2024	0.00026ND	No	72	GU-5BG, GU-3B...	84.72	n/a	n/a	0.0003725	NP Inter (NDs) 1 of 2
Nickel (mg/L)	GU-18	0.196	3/23/2023	0.0122	No	74	GU-3BG, GU-4B...	71.62	n/a	n/a	0.0003546	NP Inter (NDs) 1 of 2
Nickel (mg/L)	GU-3	0.196	10/10/2024	0.0342	No	74	GU-3BG, GU-4B...	71.62	n/a	n/a	0.0003546	NP Inter (NDs) 1 of 2
Nickel (mg/L)	GU-4	0.196	10/10/2024	0.0106	No	74	GU-3BG, GU-4B...	71.62	n/a	n/a	0.0003546	NP Inter (NDs) 1 of 2
Nickel (mg/L)	GU-5	0.196	10/10/2024	0.0084ND	No	74	GU-3BG, GU-4B...	71.62	n/a	n/a	0.0003546	NP Inter (NDs) 1 of 2
Selenium (mg/L)	GU-18	0.15	3/23/2023	0.00149J	No	74	GU-5BG, GU-4B...	94.59	n/a	n/a	0.0003546	NP Inter (NDs) 1 of 2
Selenium (mg/L)	GU-3	0.15	10/10/2024	0.0014ND	No	74	GU-5BG, GU-4B...	94.59	n/a	n/a	0.0003546	NP Inter (NDs) 1 of 2
Selenium (mg/L)	GU-4	0.15	10/10/2024	0.0014ND	No	74	GU-5BG, GU-4B...	94.59	n/a	n/a	0.0003546	NP Inter (NDs) 1 of 2
Selenium (mg/L)	GU-5	0.15	10/10/2024	0.0014ND	No	74	GU-5BG, GU-4B...	94.59	n/a	n/a	0.0003546	NP Inter (NDs) 1 of 2
Silver (mg/L)	GU-18	0.06	3/23/2023	0.00049ND	No	74	GU-5BG, GU-3B...	98.65	n/a	n/a	0.0003546	NP Inter (NDs) 1 of 2
Silver (mg/L)	GU-3	0.06	10/10/2024	0.0005ND	No	74	GU-5BG, GU-3B...	98.65	n/a	n/a	0.0003546	NP Inter (NDs) 1 of 2
Silver (mg/L)	GU-4	0.06	10/10/2024	0.0005ND	No	74	GU-5BG, GU-3B...	98.65	n/a	n/a	0.0003546	NP Inter (NDs) 1 of 2
Silver (mg/L)	GU-5	0.06	10/10/2024	0.0005ND	No	74	GU-5BG, GU-3B...	98.65	n/a	n/a	0.0003546	NP Inter (NDs) 1 of 2
Thallium (mg/L)	GU-18	1	3/23/2023	0.000315J	No	74	GU-5BG, GU-3B...	94.59	n/a	n/a	0.0003546	NP Inter (NDs) 1 of 2
Thallium (mg/L)	GU-3	1	10/10/2024	0.00228ND	No	74	GU-5BG, GU-3B...	94.59	n/a	n/a	0.0003546	NP Inter (NDs) 1 of 2

Prediction Limit

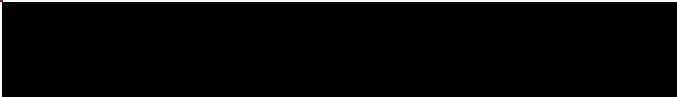
Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE PII PRIME flat Printed 12/3/2024, 4:50 PM

<u>Constituent</u>	<u>Well</u>	<u>Upper Lim.</u>	<u>Date</u>	<u>Observ.</u>	<u>Sig.</u>	<u>Bg N</u>	<u>Bg Wells</u>	<u>%NDs</u>	<u>ND Adj.</u>	<u>Transform</u>	<u>Alpha</u>	<u>Method</u>
Thallium (mg/L)	GU-4	1	10/10/2024	0.00057ND	No	74	GU-5BG, GU-3B...	94.59	n/a	n/a	0.0003546	NP Inter (NDs) 1 of 2
Thallium (mg/L)	GU-5	1	10/10/2024	0.00228ND	No	74	GU-5BG, GU-3B...	94.59	n/a	n/a	0.0003546	NP Inter (NDs) 1 of 2
Vanadium (mg/L)	GU-18	0.15	3/23/2023	0.0011ND	No	74	GU-5BG, GU-3B...	90.54	n/a	n/a	0.0003546	NP Inter (NDs) 1 of 2
Vanadium (mg/L)	GU-3	0.15	10/10/2024	0.00365J	No	74	GU-5BG, GU-3B...	90.54	n/a	n/a	0.0003546	NP Inter (NDs) 1 of 2
Vanadium (mg/L)	GU-4	0.15	10/10/2024	0.0011ND	No	74	GU-5BG, GU-3B...	90.54	n/a	n/a	0.0003546	NP Inter (NDs) 1 of 2
Vanadium (mg/L)	GU-5	0.15	10/10/2024	0.0011ND	No	74	GU-5BG, GU-3B...	90.54	n/a	n/a	0.0003546	NP Inter (NDs) 1 of 2
Zinc (mg/L)	GU-18	0.456	3/23/2023	0.01ND	No	75	GU-5BG, GU-3B...	37.33	n/a	n/a	0.0003456	NP Inter (normality) ...
Zinc (mg/L)	GU-3	0.456	10/10/2024	3.05	Yes	75	GU-5BG, GU-3B...	37.33	n/a	n/a	0.0003456	NP Inter (normality) ...
Zinc (mg/L)	GU-4	0.456	10/10/2024	0.0097ND	No	75	GU-5BG, GU-3B...	37.33	n/a	n/a	0.0003456	NP Inter (normality) ...
Zinc (mg/L)	GU-5	0.456	10/10/2024	0.0097ND	No	75	GU-5BG, GU-3B...	37.33	n/a	n/a	0.0003456	NP Inter (normality) ...



Phase II - Metals

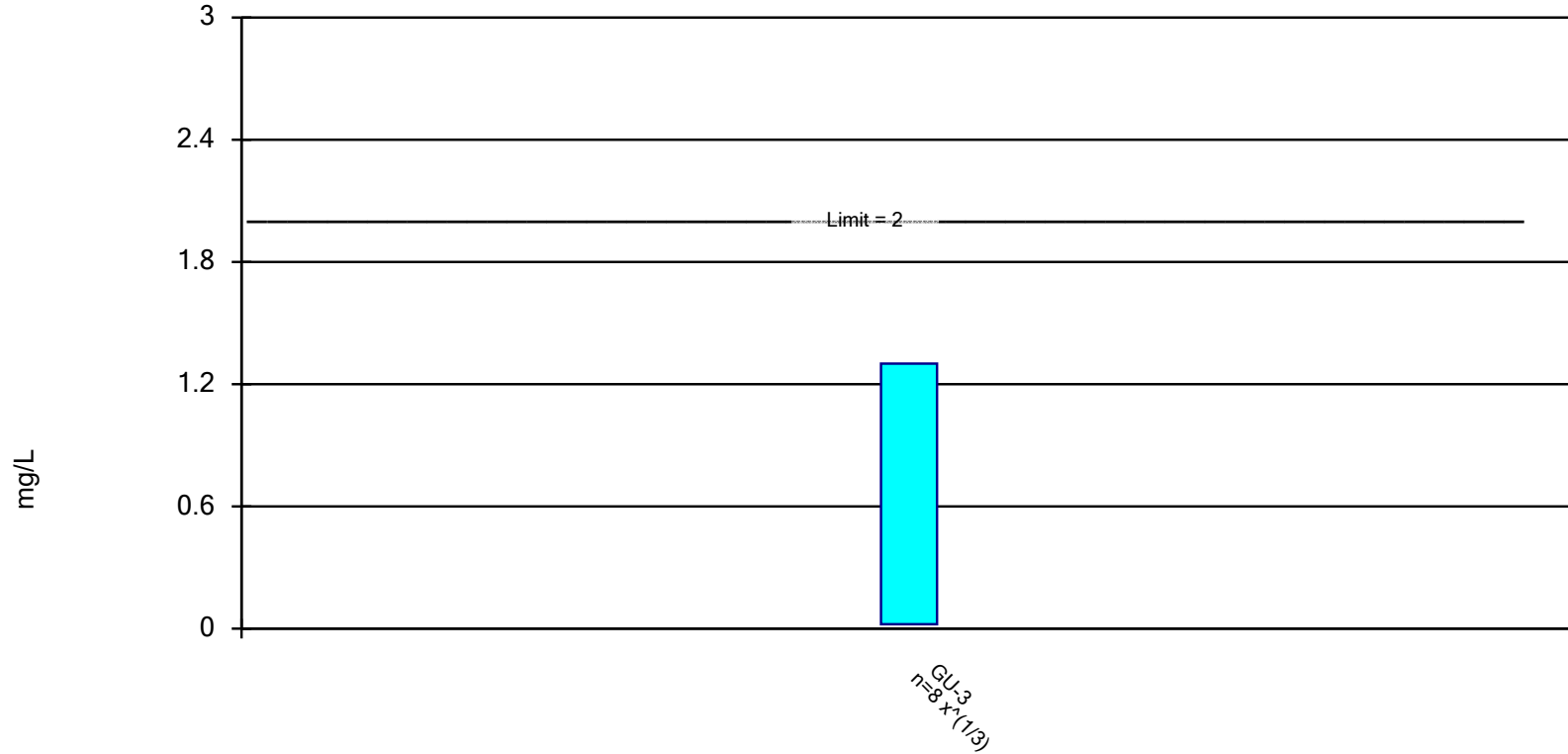
Confidence Intervals



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Parametric Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.



Constituent: Zinc Analysis Run 12/5/2024 2:29 PM View: Interwell GU-3 CI
Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE PII PRIME flat

Confidence Interval

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE PII PRIME flat Printed 12/5/2024, 2:29 PM

<u>Constituent</u>	<u>Well</u>	<u>Upper Lim.</u>	<u>Lower Lim.</u>	<u>Compliance</u>	<u>Sig.</u>	<u>N</u>	<u>Mean</u>	<u>Std. Dev.</u>	<u>%NDs</u>	<u>ND Adj.</u>	<u>Transform</u>	<u>Alpha</u>	<u>Method</u>
Zinc (mg/L)	GU-3	1.3	0.02227	2	No	8	0.6262	1.011	0	None	x^(1/3)	0.01	Param.



Phase II - VOCs

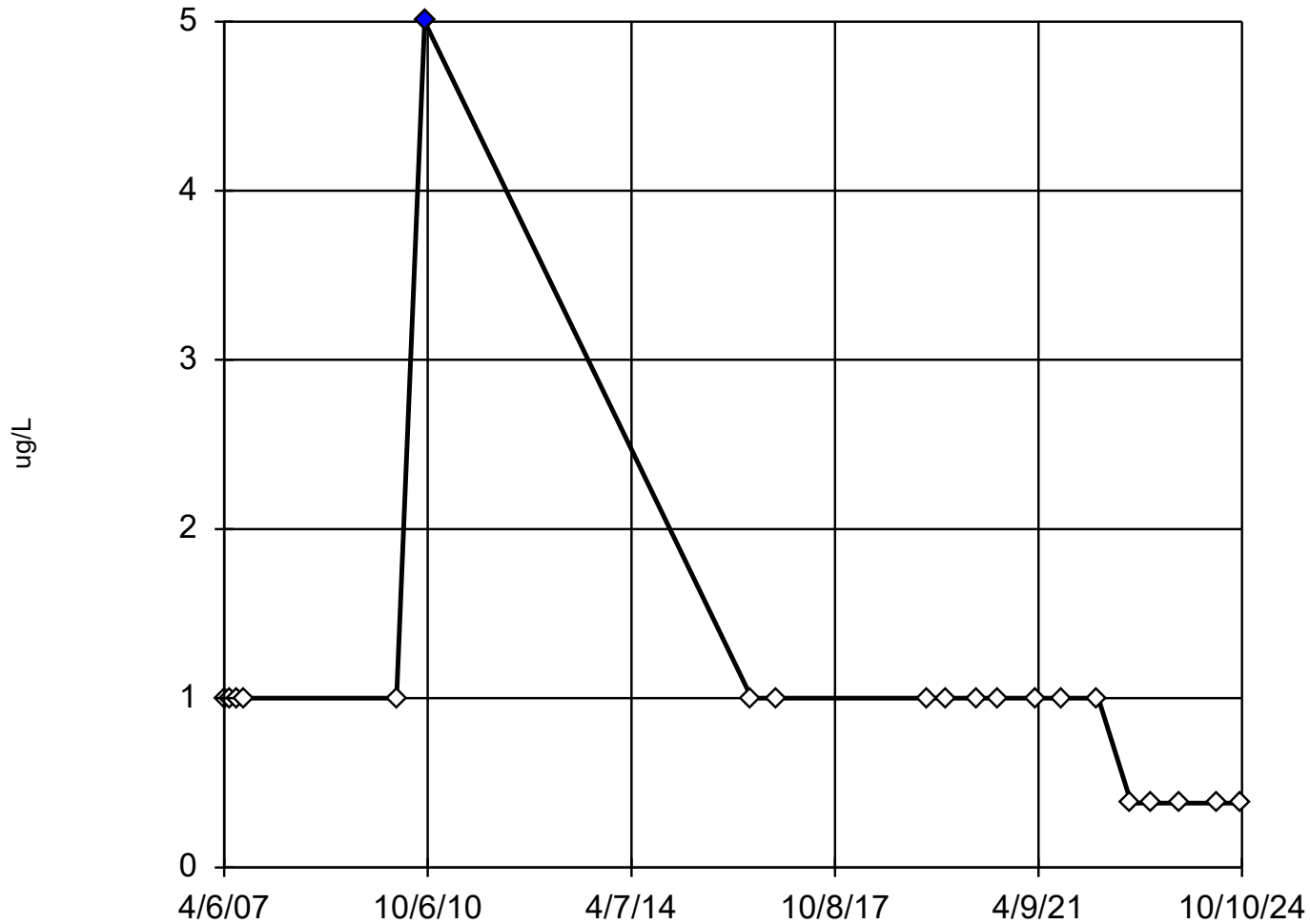
Outliers Analysis



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Tukey's Outlier Screening

MW-26 (bg)



n = 20

Outlier is drawn as solid. Tukey's method used in lieu of parametric test because the Shapiro Wilk normality test failed at the 0.1 alpha level.

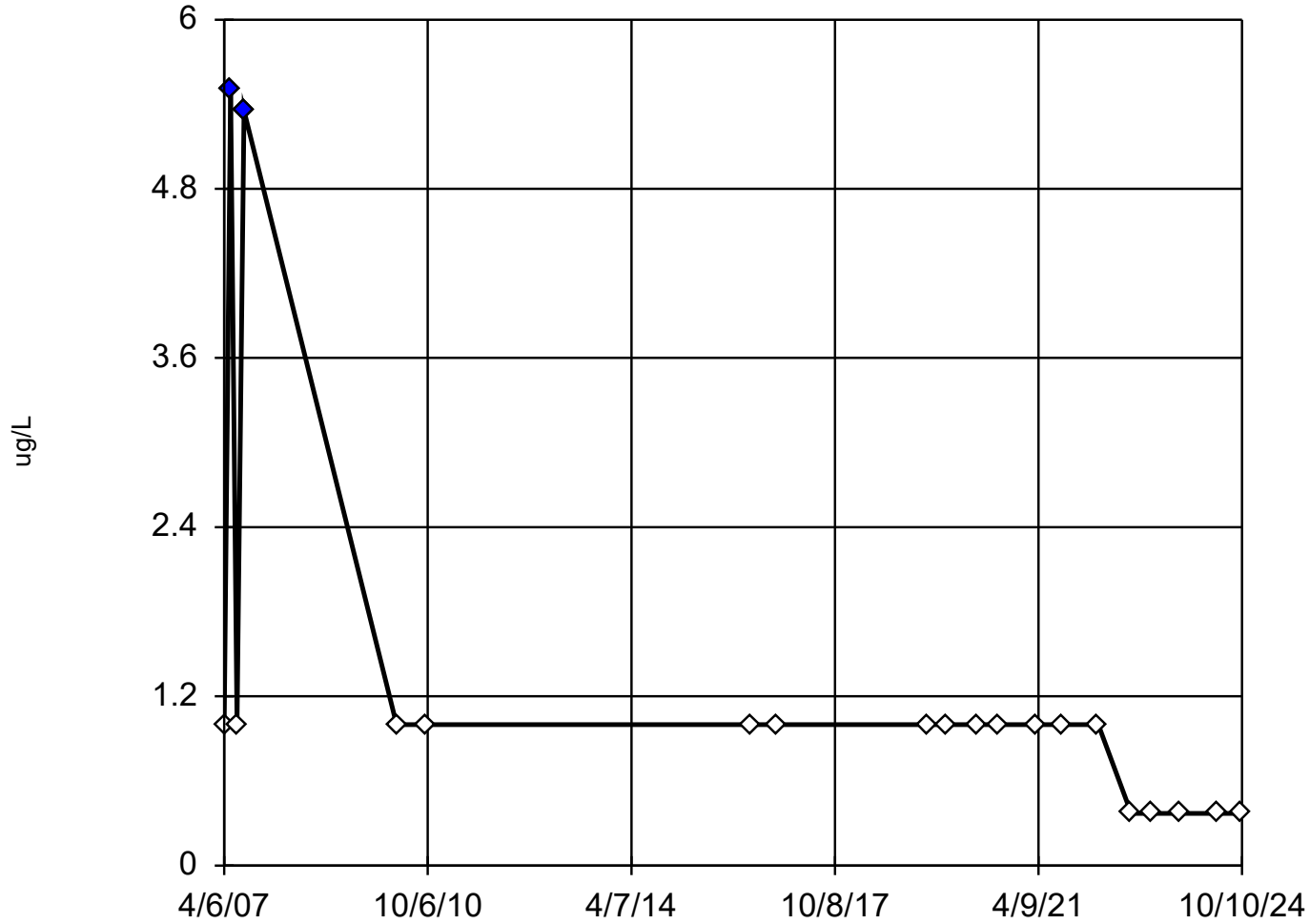
Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 4.269, low cutoff = 0.1444, based on IQR multiplier of 3.

Constituent: 1,1,1,2-Tetrachloroethane Analysis Run 12/3/2024 4:52 PM View: Phase II - Appendix I VOC
Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE PII PRIME flat

Tukey's Outlier Screening

MW-26 (bg)



n = 20

Outliers are drawn as solid.
Tukey's method used in lieu of parametric test because the Shapiro Wilk normality test failed at the 0.1 alpha level.

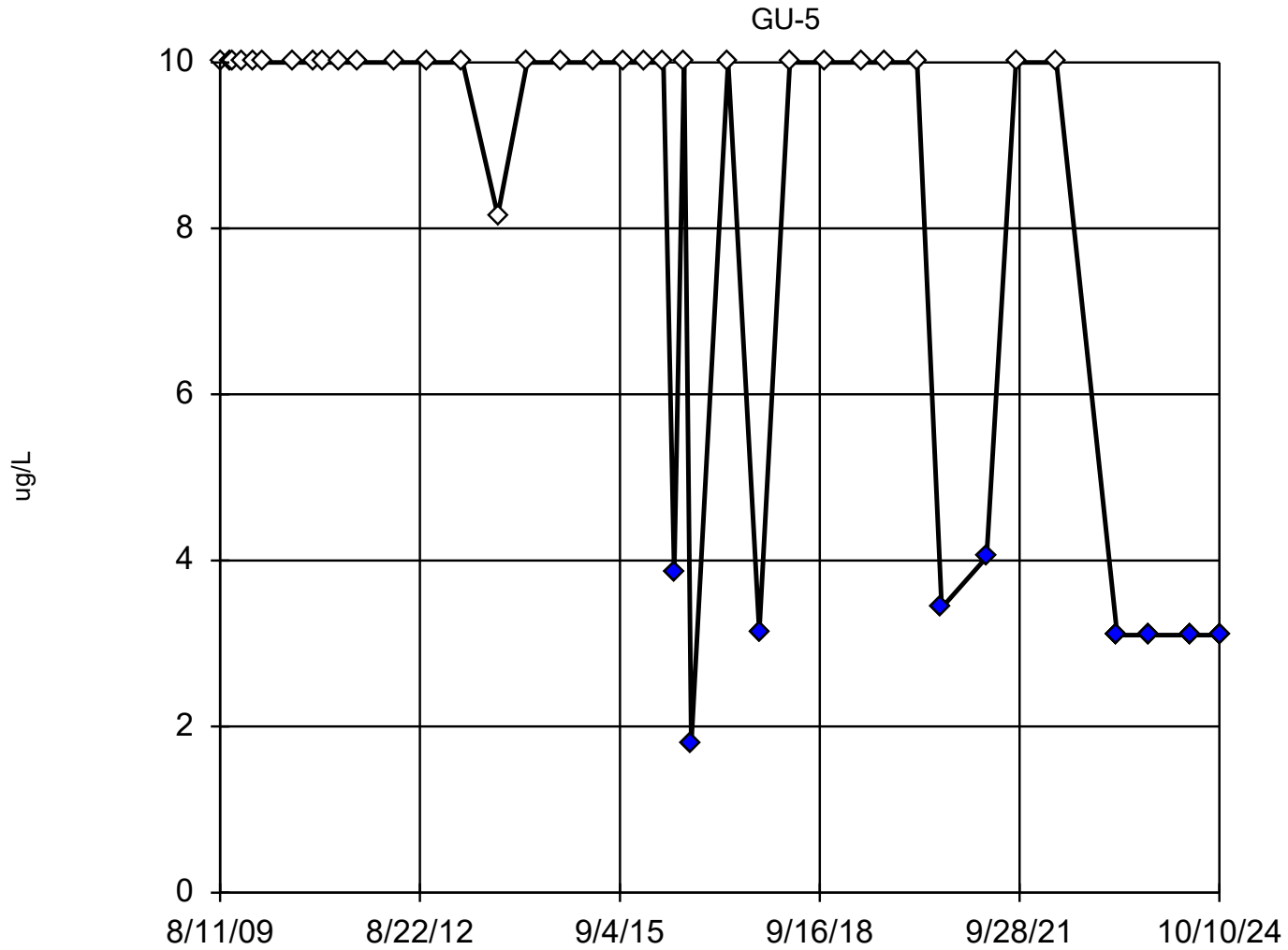
Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 4.443, low cutoff = 0.1369, based on IQR multiplier of 3.

Constituent: 1,2-Dichlorobenzene Analysis Run 12/3/2024 4:54 PM View: Phase II - Appendix I VOCs

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE PII PRIME flat

Tukey's Outlier Screening



n = 39

Outliers are drawn as solid.
Tukey's method used in lieu of parametric test because the Shapiro Wilk normality test failed at the 0.1 alpha level.

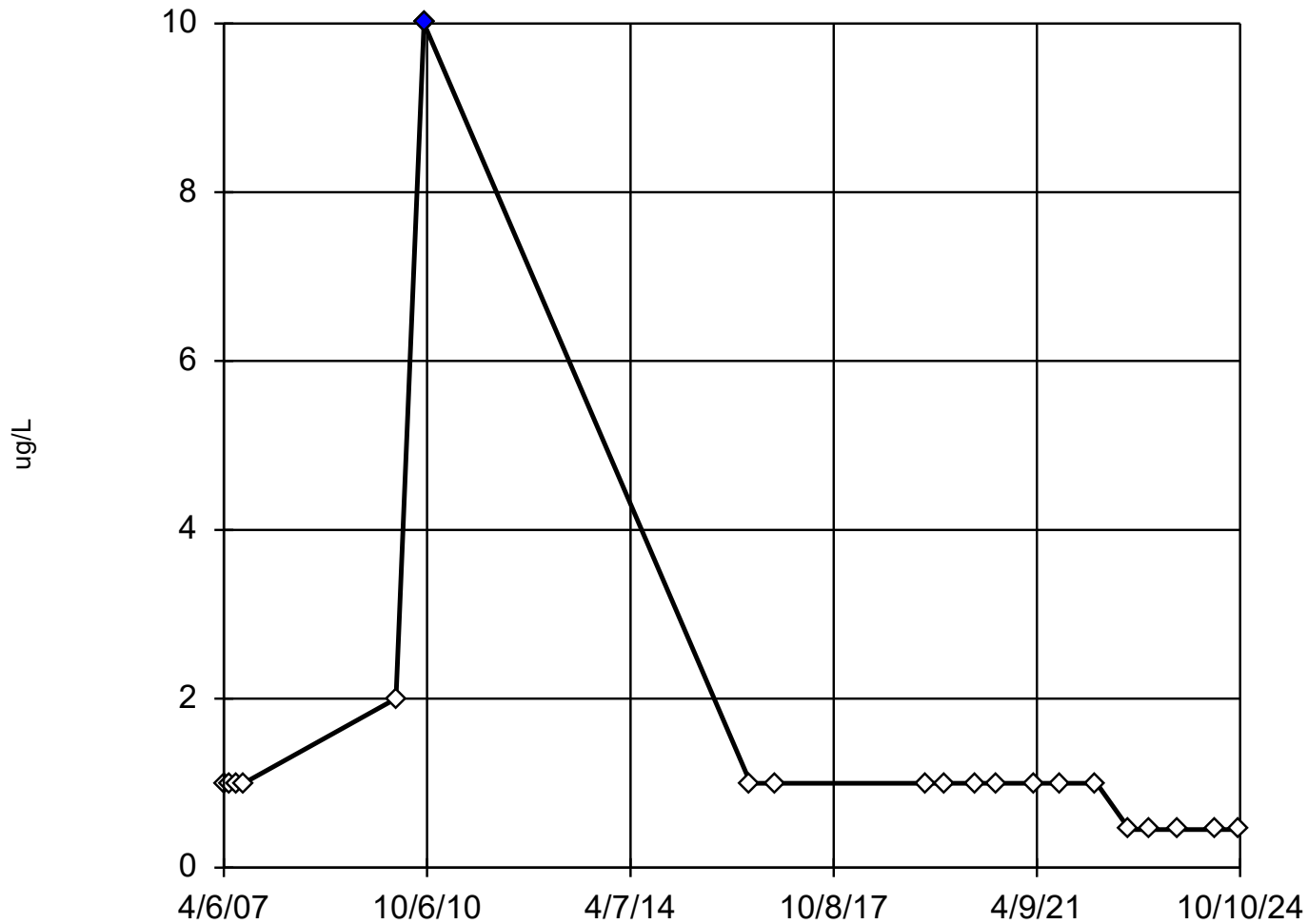
Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 18.4, low cutoff = 4.434, based on IQR multiplier of 3.

Constituent: Acetone Analysis Run 12/3/2024 4:54 PM View: Phase II - Appendix I VOCs
Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE PII PRIME flat

Tukey's Outlier Screening

MW-26 (bg)



n = 20

Outlier is drawn as solid. Tukey's method used in lieu of parametric test because the Shapiro Wilk normality test failed at the 0.1 alpha level.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

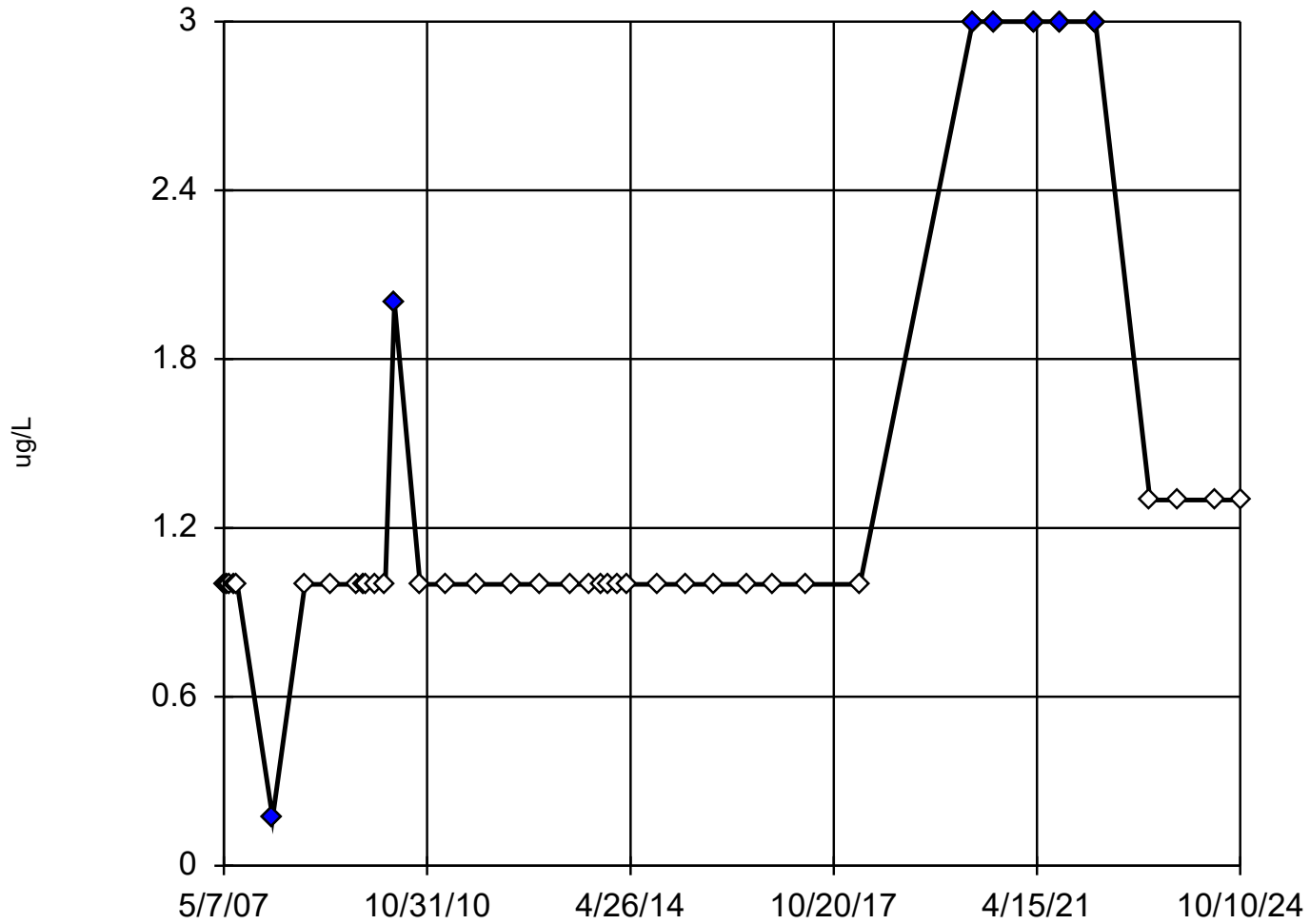
High cutoff = 3.313, low cutoff = 0.2025, based on IQR multiplier of 3.

Constituent: Carbon disulfide Analysis Run 12/3/2024 4:55 PM View: Phase II - Appendix I VOCs

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE PII PRIME flat

Tukey's Outlier Screening

GU-4



n = 41

Outliers are drawn as solid.
Tukey's method used in lieu of parametric test because the Shapiro Wilk normality test failed at the 0.1 alpha level.

Data were cube root transformed to achieve best W statistic (graph shown in original units).

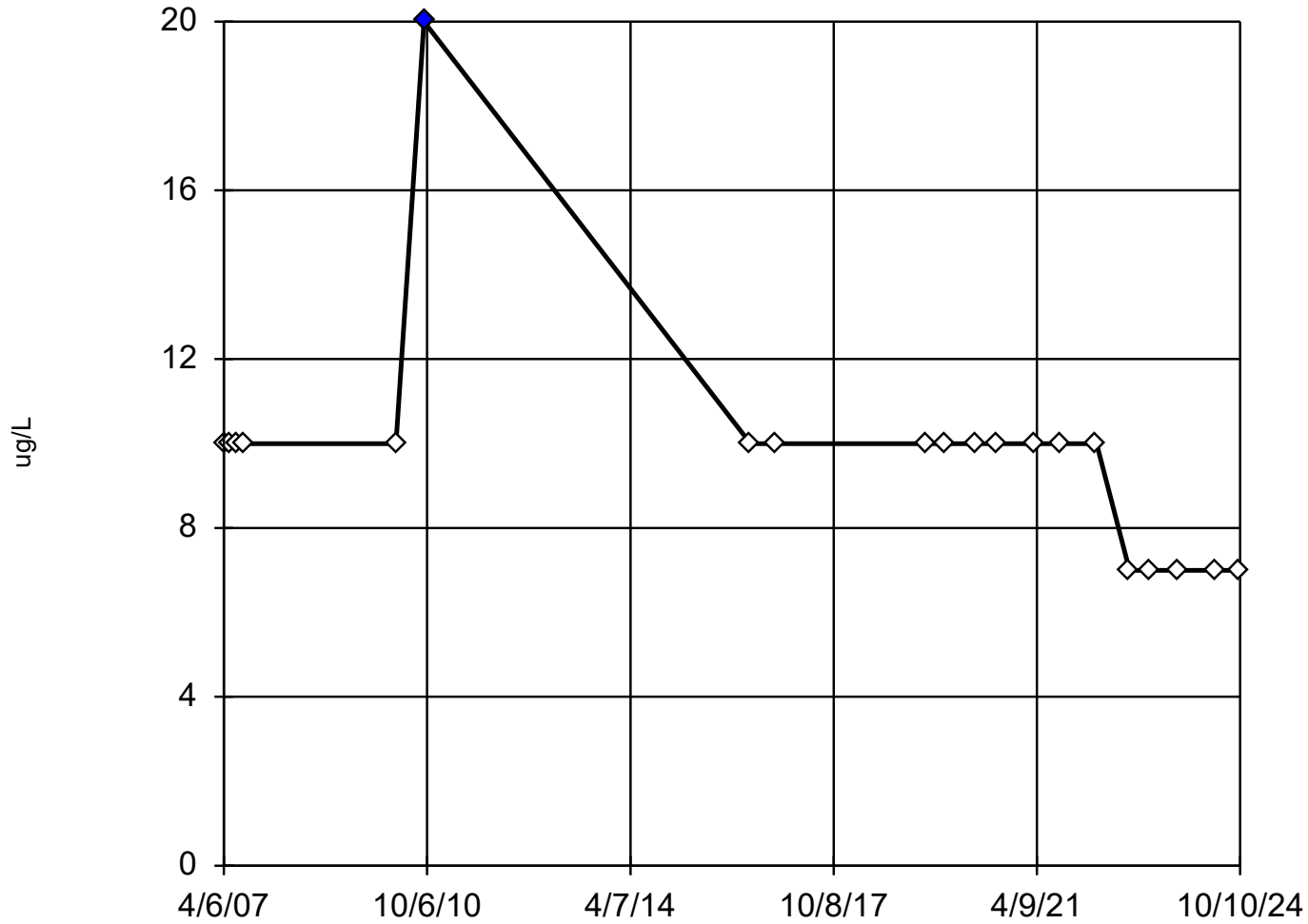
High cutoff = 1.655, low cutoff = 0.6425, based on IQR multiplier of 3.

Constituent: Chloroform Analysis Run 12/3/2024 4:55 PM View: Phase II - Appendix I VOCs

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE PII PRIME flat

Tukey's Outlier Screening

MW-26 (bg)



n = 20

Outlier is drawn as solid. Tukey's method used in lieu of parametric test because the Shapiro Wilk normality test failed at the 0.1 alpha level.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

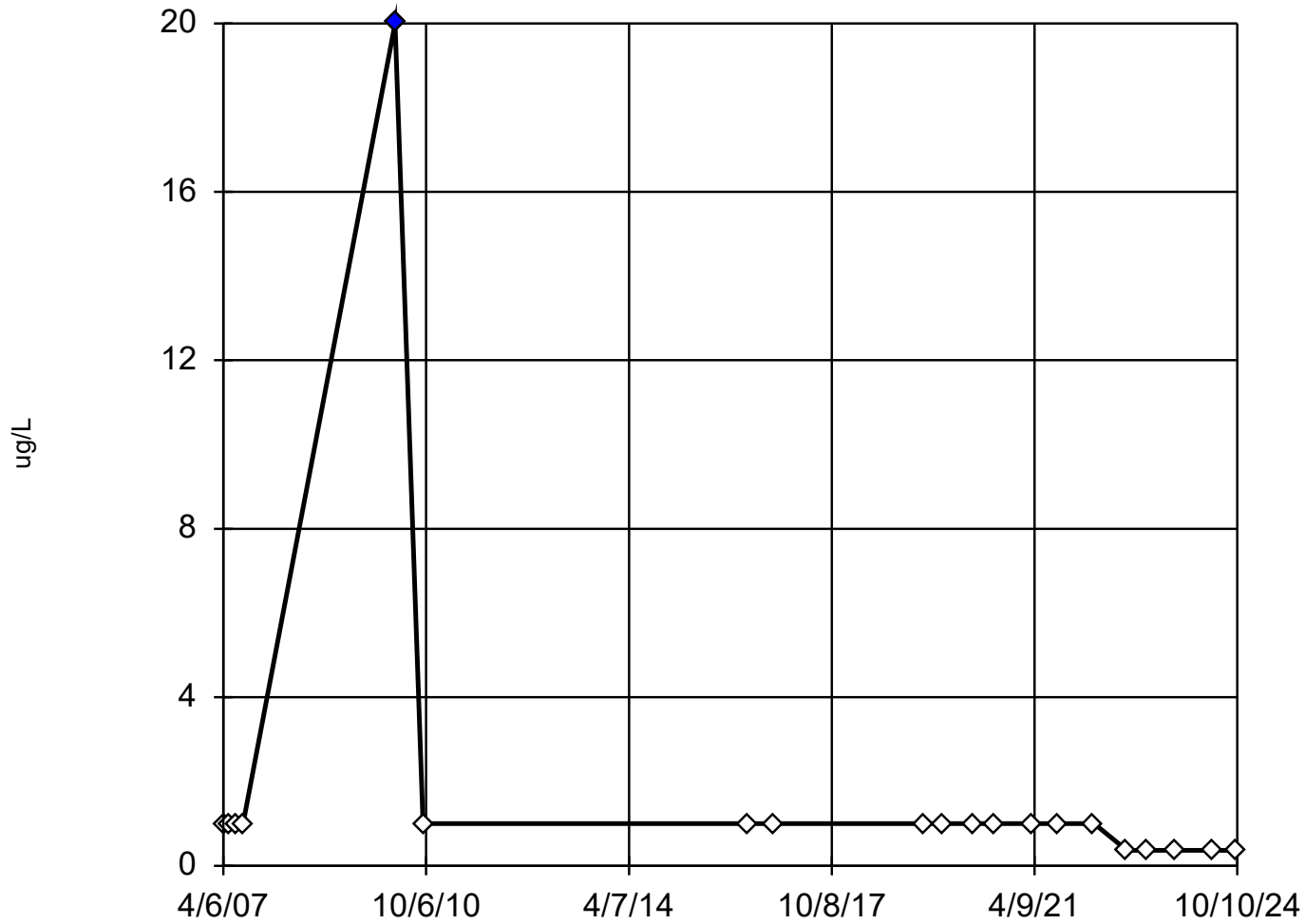
High cutoff = 17.07, low cutoff = 4.9, based on IQR multiplier of 3.

Constituent: Iodomethane Analysis Run 12/3/2024 4:56 PM View: Phase II - Appendix I VOCs

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE PII PRIME flat

Tukey's Outlier Screening

MW-26 (bg)



n = 20

Outlier is drawn as solid. Tukey's method used in lieu of parametric test because the Shapiro Wilk normality test failed at the 0.1 alpha level.

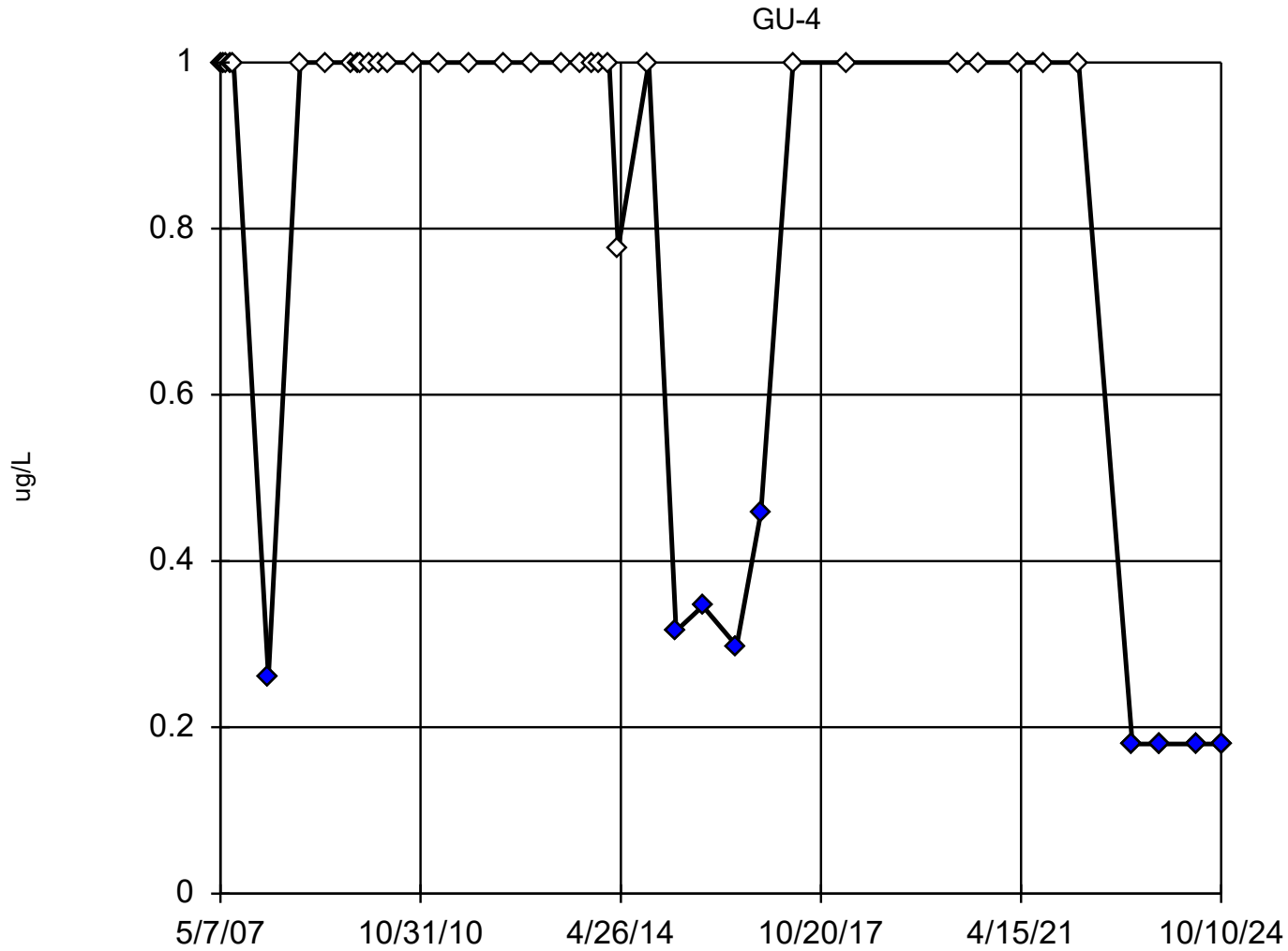
Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 4.443, low cutoff = 0.1369, based on IQR multiplier of 3.

Constituent: Styrene Analysis Run 12/3/2024 4:56 PM View: Phase II - Appendix I VOCs

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE PII PRIME flat

Tukey's Outlier Screening



n = 41

Outliers are drawn as solid.
Tukey's method used in lieu of parametric test because the Shapiro Wilk normality test failed at the 0.1 alpha level.

Data were cube root transformed to achieve best W statistic (graph shown in original units).

High cutoff = 1.409, low cutoff = 0.5899, based on IQR multiplier of 3.

Constituent: Vinyl chloride Analysis Run 12/3/2024 4:57 PM View: Phase II - Appendix I VOCs

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE PII PRIME flat

Outlier Analysis

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE PII PRIME flat Printed 12/3/2024, 4:59 PM

Constituent	Well	Outlier	Value(s)	Date(s)	Method	Alpha	N	Mean	Std. Dev.	Distribution	Normality Test
1,1,1,2-Tetrachloroethane (ug/L)	GU-18	No	n/a	n/a	NP (nrm)	NaN	5	0.876	0.2773	unknown	ShapiroWilk
1,1,1,2-Tetrachloroethane (ug/L)	GU-3	n/a	n/a	n/a	NP (nrm)	NaN	42	1.235	1.09	unknown	ShapiroWilk
1,1,1,2-Tetrachloroethane (ug/L)	GU-4	n/a	n/a	n/a	NP (nrm)	NaN	41	1.24	1.102	unknown	ShapiroWilk
1,1,1,2-Tetrachloroethane (ug/L)	GU-5	n/a	n/a	n/a	NP (nrm)	NaN	39	1.295	1.125	unknown	ShapiroWilk
1,1,1,2-Tetrachloroethane (ug/L)	MW-26 (bg)	Yes	5	9/17/2010	NP (nrm)	NaN	20	1.045	0.9701	unknown	ShapiroWilk
1,1,1,2-Tetrachloroethane (ug/L)	MW-67	n/a	n/a	n/a	NP (nrm)	NaN	26	0.8808	0.2492	unknown	ShapiroWilk
1,1,1,2-Tetrachloroethane (ug/L)	MW-B	n/a	n/a	n/a	NP (nrm)	NaN	35	1.026	0.7256	unknown	ShapiroWilk
1,1,1,2-Tetrachloroethane (ug/L)	MW-C	n/a	n/a	n/a	NP (nrm)	NaN	33	0.9364	0.2952	unknown	ShapiroWilk
1,1,1,2-Tetrachloroethane (ug/L)	MW-E	No	n/a	n/a	NP (nrm)	NaN	6	0.4833	0.2531	unknown	ShapiroWilk
1,1,1-Trichloroethane (ug/L)	GU-18	No	n/a	n/a	NP (nrm)	NaN	5	0.838	0.3622	unknown	ShapiroWilk
1,1,1-Trichloroethane (ug/L)	GU-3	n/a	n/a	n/a	NP (nrm)	NaN	42	1.189	1.496	unknown	ShapiroWilk
1,1,1-Trichloroethane (ug/L)	GU-4	n/a	n/a	n/a	NP (nrm)	NaN	41	1.194	1.514	unknown	ShapiroWilk
1,1,1-Trichloroethane (ug/L)	GU-5	n/a	n/a	n/a	NP (nrm)	NaN	39	1.225	1.545	unknown	ShapiroWilk
1,1,1-Trichloroethane (ug/L)	MW-26 (bg)	No	n/a	n/a	NP (nrm)	NaN	20	0.7975	0.3599	unknown	ShapiroWilk
1,1,1-Trichloroethane (ug/L)	MW-67	n/a	n/a	n/a	NP (nrm)	NaN	26	0.8442	0.3256	unknown	ShapiroWilk
1,1,1-Trichloroethane (ug/L)	MW-B	n/a	n/a	n/a	NP (nrm)	NaN	35	0.8843	0.2876	unknown	ShapiroWilk
1,1,1-Trichloroethane (ug/L)	MW-C	n/a	n/a	n/a	NP (nrm)	NaN	33	0.8773	0.2949	unknown	ShapiroWilk
1,1,1-Trichloroethane (ug/L)	MW-E	No	n/a	n/a	NP (nrm)	NaN	6	0.325	0.3307	unknown	ShapiroWilk
1,1,2,2-Tetrachloroethane (ug/L)	GU-18	No	n/a	n/a	NP (nrm)	NaN	5	0.894	0.237	unknown	ShapiroWilk
1,1,2,2-Tetrachloroethane (ug/L)	GU-3	n/a	n/a	n/a	NP (nrm)	NaN	42	0.9312	0.1924	unknown	ShapiroWilk
1,1,2,2-Tetrachloroethane (ug/L)	GU-4	n/a	n/a	n/a	NP (nrm)	NaN	41	0.9295	0.1945	unknown	ShapiroWilk
1,1,2,2-Tetrachloroethane (ug/L)	GU-5	n/a	n/a	n/a	NP (nrm)	NaN	39	0.9713	0.2346	unknown	ShapiroWilk
1,1,2,2-Tetrachloroethane (ug/L)	MW-26 (bg)	No	n/a	n/a	NP (nrm)	NaN	20	0.8675	0.2355	unknown	ShapiroWilk
1,1,2,2-Tetrachloroethane (ug/L)	MW-67	n/a	n/a	n/a	NP (nrm)	NaN	26	0.8981	0.213	unknown	ShapiroWilk
1,1,2,2-Tetrachloroethane (ug/L)	MW-B	n/a	n/a	n/a	NP (nrm)	NaN	35	0.9243	0.1882	unknown	ShapiroWilk
1,1,2,2-Tetrachloroethane (ug/L)	MW-C	n/a	n/a	n/a	NP (nrm)	NaN	33	0.95	0.2694	unknown	ShapiroWilk
1,1,2,2-Tetrachloroethane (ug/L)	MW-E	No	n/a	n/a	NP (nrm)	NaN	6	0.5583	0.2164	unknown	ShapiroWilk
1,1,2-Trichloroethane (ug/L)	GU-18	No	n/a	n/a	NP (nrm)	NaN	5	0.89	0.246	unknown	ShapiroWilk
1,1,2-Trichloroethane (ug/L)	GU-3	n/a	n/a	n/a	NP (nrm)	NaN	42	0.9326	0.1859	unknown	ShapiroWilk
1,1,2-Trichloroethane (ug/L)	GU-4	n/a	n/a	n/a	NP (nrm)	NaN	41	0.931	0.1879	unknown	ShapiroWilk
1,1,2-Trichloroethane (ug/L)	GU-5	n/a	n/a	n/a	NP (nrm)	NaN	39	0.9436	0.169	unknown	ShapiroWilk
1,1,2-Trichloroethane (ug/L)	MW-26 (bg)	No	n/a	n/a	NP (nrm)	NaN	20	0.8625	0.2443	unknown	ShapiroWilk
1,1,2-Trichloroethane (ug/L)	MW-67	n/a	n/a	n/a	NP (nrm)	NaN	26	0.8942	0.2211	unknown	ShapiroWilk
1,1,2-Trichloroethane (ug/L)	MW-B	n/a	n/a	n/a	NP (nrm)	NaN	35	0.9214	0.1953	unknown	ShapiroWilk
1,1,2-Trichloroethane (ug/L)	MW-C	n/a	n/a	n/a	NP (nrm)	NaN	33	0.9167	0.2003	unknown	ShapiroWilk
1,1,2-Trichloroethane (ug/L)	MW-E	No	n/a	n/a	NP (nrm)	NaN	6	0.5417	0.2245	unknown	ShapiroWilk
1,1-Dichloroethane (ug/L)	GU-18	No	n/a	n/a	NP (nrm)	NaN	5	0.844	0.3488	unknown	ShapiroWilk
1,1-Dichloroethane (ug/L)	GU-3	n/a	n/a	n/a	NP (nrm)	NaN	42	0.9064	0.2577	unknown	ShapiroWilk
1,1-Dichloroethane (ug/L)	GU-4	n/a	n/a	n/a	NP (nrm)	NaN	41	0.8667	0.2808	unknown	ShapiroWilk
1,1-Dichloroethane (ug/L)	GU-5	n/a	n/a	n/a	NP (nrm)	NaN	39	0.92	0.2397	unknown	ShapiroWilk
1,1-Dichloroethane (ug/L)	MW-26 (bg)	No	n/a	n/a	NP (nrm)	NaN	20	0.805	0.3465	unknown	ShapiroWilk
1,1-Dichloroethane (ug/L)	MW-67	n/a	n/a	n/a	NP (nrm)	NaN	26	0.85	0.3135	unknown	ShapiroWilk
1,1-Dichloroethane (ug/L)	MW-B	n/a	n/a	n/a	NP (nrm)	NaN	35	0.8886	0.2769	unknown	ShapiroWilk
1,1-Dichloroethane (ug/L)	MW-C	n/a	n/a	n/a	NP (nrm)	NaN	33	0.8818	0.284	unknown	ShapiroWilk
1,1-Dichloroethane (ug/L)	MW-E	No	n/a	n/a	NP (nrm)	NaN	6	0.35	0.3184	unknown	ShapiroWilk
1,1-Dichloroethene (ug/L)	GU-18	No	n/a	n/a	NP (nrm)	NaN	5	1.712	0.644	unknown	ShapiroWilk
1,1-Dichloroethene (ug/L)	GU-3	n/a	n/a	n/a	NP (nrm)	NaN	42	1.824	0.4852	unknown	ShapiroWilk
1,1-Dichloroethene (ug/L)	GU-4	n/a	n/a	n/a	NP (nrm)	NaN	41	1.82	0.4904	unknown	ShapiroWilk
1,1-Dichloroethene (ug/L)	GU-5	n/a	n/a	n/a	NP (nrm)	NaN	39	1.852	0.4426	unknown	ShapiroWilk
1,1-Dichloroethene (ug/L)	MW-26 (bg)	No	n/a	n/a	NP (nrm)	NaN	20	1.59	0.6491	unknown	ShapiroWilk

Outlier Analysis

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE PII PRIME flat Printed 12/3/2024, 4:59 PM

Constituent	Well	Outlier	Value(s)	Date(s)	Method	Alpha	N	Mean	Std. Dev.	Distribution	Normality Test
1,1-Dichloroethene (ug/L)	MW-67	n/a	n/a	n/a	NP (nrm)	NaN	26	1.723	0.5788	unknown	ShapiroWilk
1,1-Dichloroethene (ug/L)	MW-B	n/a	n/a	n/a	NP (nrm)	NaN	35	1.794	0.5113	unknown	ShapiroWilk
1,1-Dichloroethene (ug/L)	MW-C	n/a	n/a	n/a	NP (nrm)	NaN	33	1.782	0.5243	unknown	ShapiroWilk
1,1-Dichloroethene (ug/L)	MW-E	No	n/a	n/a	NP (nrm)	NaN	6	0.8	0.5879	unknown	ShapiroWilk
1,1-Dichloropropene (ug/L)	GU-3	n/a	n/a	n/a	NP (nrm)	NaN	6	1	0	unknown	ShapiroWilk
1,1-Dichloropropene (ug/L)	GU-4	n/a	n/a	n/a	NP (nrm)	NaN	5	1	0	unknown	ShapiroWilk
1,1-Dichloropropene (ug/L)	MW-26 (bg)	n/a	n/a	n/a	NP (nrm)	NaN	4	1	0	unknown	ShapiroWilk
1,2,3-Trichloropropane (ug/L)	GU-18	No	n/a	n/a	NP (nrm)	NaN	5	0.918	0.1834	unknown	ShapiroWilk
1,2,3-Trichloropropane (ug/L)	GU-3	n/a	n/a	n/a	NP (nrm)	NaN	42	0.9538	0.1281	unknown	ShapiroWilk
1,2,3-Trichloropropane (ug/L)	GU-4	n/a	n/a	n/a	NP (nrm)	NaN	41	0.9527	0.1295	unknown	ShapiroWilk
1,2,3-Trichloropropane (ug/L)	GU-5	n/a	n/a	n/a	NP (nrm)	NaN	39	0.9836	0.2091	unknown	ShapiroWilk
1,2,3-Trichloropropane (ug/L)	MW-26 (bg)	No	n/a	n/a	NP (nrm)	NaN	20	0.8975	0.1821	unknown	ShapiroWilk
1,2,3-Trichloropropane (ug/L)	MW-67	n/a	n/a	n/a	NP (nrm)	NaN	26	0.9212	0.1648	unknown	ShapiroWilk
1,2,3-Trichloropropane (ug/L)	MW-B	n/a	n/a	n/a	NP (nrm)	NaN	35	0.9414	0.1456	unknown	ShapiroWilk
1,2,3-Trichloropropane (ug/L)	MW-C	n/a	n/a	n/a	NP (nrm)	NaN	33	0.9682	0.2376	unknown	ShapiroWilk
1,2,3-Trichloropropane (ug/L)	MW-E	No	n/a	n/a	NP (nrm)	NaN	6	0.6583	0.1674	unknown	ShapiroWilk
1,2-Dibromo-3-chloropropane (ug/L)	GU-18	n/a	n/a	n/a	NP (nrm)	NaN	5	0.768	0.5915	unknown	ShapiroWilk
1,2-Dibromo-3-chloropropane (ug/L)	GU-3	n/a	n/a	n/a	NP (nrm)	NaN	42	2.556	4.337	unknown	ShapiroWilk
1,2-Dibromo-3-chloropropane (ug/L)	GU-4	n/a	n/a	n/a	NP (nrm)	NaN	41	2.528	4.414	unknown	ShapiroWilk
1,2-Dibromo-3-chloropropane (ug/L)	GU-5	n/a	n/a	n/a	NP (nrm)	NaN	39	1.225	3.19	unknown	ShapiroWilk
1,2-Dibromo-3-chloropropane (ug/L)	MW-26 (bg)	n/a	n/a	n/a	NP (nrm)	NaN	20	2.57	3.334	unknown	ShapiroWilk
1,2-Dibromo-3-chloropropane (ug/L)	MW-67	No	n/a	n/a	NP (nrm)	NaN	26	0.7623	0.4668	unknown	ShapiroWilk
1,2-Dibromo-3-chloropropane (ug/L)	MW-B	n/a	n/a	n/a	NP (nrm)	NaN	35	1.236	2.231	unknown	ShapiroWilk
1,2-Dibromo-3-chloropropane (ug/L)	MW-C	n/a	n/a	n/a	NP (nrm)	NaN	33	0.6261	0.4913	unknown	ShapiroWilk
1,2-Dibromo-3-chloropropane (ug/L)	MW-E	n/a	n/a	n/a	NP (nrm)	NaN	6	1.2	0	unknown	ShapiroWilk
1,2-Dibromoethane [EDB] (ug/L)	GU-18	n/a	n/a	n/a	NP (nrm)	NaN	5	0.256	0.115	unknown	ShapiroWilk
1,2-Dibromoethane [EDB] (ug/L)	GU-3	n/a	n/a	n/a	NP (nrm)	NaN	42	1.874	3.681	unknown	ShapiroWilk
1,2-Dibromoethane [EDB] (ug/L)	GU-4	n/a	n/a	n/a	NP (nrm)	NaN	41	1.901	3.723	unknown	ShapiroWilk
1,2-Dibromoethane [EDB] (ug/L)	GU-5	n/a	n/a	n/a	NP (nrm)	NaN	39	0.4838	1.572	unknown	ShapiroWilk
1,2-Dibromoethane [EDB] (ug/L)	MW-26 (bg)	n/a	n/a	n/a	NP (nrm)	NaN	20	1.793	3.541	unknown	ShapiroWilk
1,2-Dibromoethane [EDB] (ug/L)	MW-67	n/a	n/a	n/a	NP (nrm)	NaN	26	0.235	0.1071	unknown	ShapiroWilk
1,2-Dibromoethane [EDB] (ug/L)	MW-B	n/a	n/a	n/a	NP (nrm)	NaN	35	0.7896	2.303	unknown	ShapiroWilk
1,2-Dibromoethane [EDB] (ug/L)	MW-C	n/a	n/a	n/a	NP (nrm)	NaN	33	0.2127	0.1042	unknown	ShapiroWilk
1,2-Dibromoethane [EDB] (ug/L)	MW-E	n/a	n/a	n/a	NP (nrm)	NaN	6	0.34	0	unknown	ShapiroWilk
1,2-Dichlorobenzene (ug/L)	GU-18	No	n/a	n/a	NP (nrm)	NaN	5	0.874	0.2817	unknown	ShapiroWilk
1,2-Dichlorobenzene (ug/L)	GU-3	n/a	n/a	n/a	NP (nrm)	NaN	42	1.602	2.064	unknown	ShapiroWilk
1,2-Dichlorobenzene (ug/L)	GU-4	n/a	n/a	n/a	NP (nrm)	NaN	41	1.622	2.097	unknown	ShapiroWilk
1,2-Dichlorobenzene (ug/L)	GU-5	n/a	n/a	n/a	NP (nrm)	NaN	39	1.038	0.5509	unknown	ShapiroWilk
1,2-Dichlorobenzene (ug/L)	MW-26 (bg)	Yes	5.5,5.355	5/16/2007,8/8/2007	NP (nrm)	NaN	20	1.285	1.443	unknown	ShapiroWilk
1,2-Dichlorobenzene (ug/L)	MW-67	n/a	n/a	n/a	NP (nrm)	NaN	26	0.8788	0.2532	unknown	ShapiroWilk
1,2-Dichlorobenzene (ug/L)	MW-B	n/a	n/a	n/a	NP (nrm)	NaN	35	0.91	0.2237	unknown	ShapiroWilk
1,2-Dichlorobenzene (ug/L)	MW-C	n/a	n/a	n/a	NP (nrm)	NaN	33	1.026	0.6114	unknown	ShapiroWilk
1,2-Dichlorobenzene (ug/L)	MW-E	No	n/a	n/a	NP (nrm)	NaN	6	0.475	0.2572	unknown	ShapiroWilk
1,2-Dichloroethane (ug/L)	GU-18	No	n/a	n/a	NP (nrm)	NaN	5	0.878	0.2728	unknown	ShapiroWilk
1,2-Dichloroethane (ug/L)	GU-3	n/a	n/a	n/a	NP (nrm)	NaN	42	0.9167	0.2155	unknown	ShapiroWilk
1,2-Dichloroethane (ug/L)	GU-4	n/a	n/a	n/a	NP (nrm)	NaN	41	0.8735	0.2495	unknown	ShapiroWilk
1,2-Dichloroethane (ug/L)	GU-5	n/a	n/a	n/a	NP (nrm)	NaN	39	0.9374	0.1875	unknown	ShapiroWilk
1,2-Dichloroethane (ug/L)	MW-26 (bg)	No	n/a	n/a	NP (nrm)	NaN	20	0.8475	0.271	unknown	ShapiroWilk
1,2-Dichloroethane (ug/L)	MW-67	n/a	n/a	n/a	NP (nrm)	NaN	26	0.8827	0.2452	unknown	ShapiroWilk
1,2-Dichloroethane (ug/L)	MW-B	n/a	n/a	n/a	NP (nrm)	NaN	35	0.9129	0.2166	unknown	ShapiroWilk

Outlier Analysis

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE PII PRIME flat Printed 12/3/2024, 4:59 PM

Constituent	Well	Outlier	Value(s)	Date(s)	Method	Alpha	N	Mean	Std. Dev.	Distribution	Normality Test
1,2-Dichloroethane (ug/L)	MW-C	n/a	n/a	n/a	NP (nrm)	NaN	33	0.9076	0.2221	unknown	ShapiroWilk
1,2-Dichloroethane (ug/L)	MW-E	No	n/a	n/a	NP (nrm)	NaN	6	0.4917	0.249	unknown	ShapiroWilk
1,2-Dichloropropane (ug/L)	GU-18	No	n/a	n/a	NP (nrm)	NaN	5	0.854	0.3265	unknown	ShapiroWilk
1,2-Dichloropropane (ug/L)	GU-3	n/a	n/a	n/a	NP (nrm)	NaN	42	0.94	0.2854	unknown	ShapiroWilk
1,2-Dichloropropane (ug/L)	GU-4	n/a	n/a	n/a	NP (nrm)	NaN	41	0.9385	0.2888	unknown	ShapiroWilk
1,2-Dichloropropane (ug/L)	GU-5	n/a	n/a	n/a	NP (nrm)	NaN	39	0.9508	0.2827	unknown	ShapiroWilk
1,2-Dichloropropane (ug/L)	MW-26 (bg)	No	n/a	n/a	NP (nrm)	NaN	20	0.8175	0.3243	unknown	ShapiroWilk
1,2-Dichloropropane (ug/L)	MW-67	n/a	n/a	n/a	NP (nrm)	NaN	26	0.8596	0.2934	unknown	ShapiroWilk
1,2-Dichloropropane (ug/L)	MW-B	n/a	n/a	n/a	NP (nrm)	NaN	35	0.8957	0.2592	unknown	ShapiroWilk
1,2-Dichloropropane (ug/L)	MW-C	n/a	n/a	n/a	NP (nrm)	NaN	33	0.8894	0.2658	unknown	ShapiroWilk
1,2-Dichloropropane (ug/L)	MW-E	No	n/a	n/a	NP (nrm)	NaN	6	0.3917	0.298	unknown	ShapiroWilk
1,4-Dichlorobenzene (ug/L)	GU-18	No	n/a	n/a	NP (nrm)	NaN	5	0.846	0.3444	unknown	ShapiroWilk
1,4-Dichlorobenzene (ug/L)	GU-3	n/a	n/a	n/a	NP (nrm)	NaN	42	1.588	2.073	unknown	ShapiroWilk
1,4-Dichlorobenzene (ug/L)	GU-4	n/a	n/a	n/a	NP (nrm)	NaN	41	1.607	2.107	unknown	ShapiroWilk
1,4-Dichlorobenzene (ug/L)	GU-5	n/a	n/a	n/a	NP (nrm)	NaN	39	1.024	0.5701	unknown	ShapiroWilk
1,4-Dichlorobenzene (ug/L)	MW-26 (bg)	No	n/a	n/a	NP (nrm)	NaN	20	1.3	1.476	unknown	ShapiroWilk
1,4-Dichlorobenzene (ug/L)	MW-67	n/a	n/a	n/a	NP (nrm)	NaN	26	0.8519	0.3095	unknown	ShapiroWilk
1,4-Dichlorobenzene (ug/L)	MW-B	n/a	n/a	n/a	NP (nrm)	NaN	35	0.9186	0.3313	unknown	ShapiroWilk
1,4-Dichlorobenzene (ug/L)	MW-C	n/a	n/a	n/a	NP (nrm)	NaN	33	1.005	0.6365	unknown	ShapiroWilk
1,4-Dichlorobenzene (ug/L)	MW-E	No	n/a	n/a	NP (nrm)	NaN	6	0.3583	0.3144	unknown	ShapiroWilk
2-Butanone [MEK] (ug/L)	GU-18	No	n/a	n/a	NP (nrm)	NaN	5	8.42	3.533	unknown	ShapiroWilk
2-Butanone [MEK] (ug/L)	GU-3	n/a	n/a	n/a	NP (nrm)	NaN	40	12.71	19.6	unknown	ShapiroWilk
2-Butanone [MEK] (ug/L)	GU-4	n/a	n/a	n/a	NP (nrm)	NaN	38	9.553	1.927	unknown	ShapiroWilk
2-Butanone [MEK] (ug/L)	GU-5	n/a	n/a	n/a	NP (nrm)	NaN	36	9.781	1.317	unknown	ShapiroWilk
2-Butanone [MEK] (ug/L)	MW-26 (bg)	n/a	n/a	n/a	NP (nrm)	NaN	17	11.42	10.28	unknown	ShapiroWilk
2-Butanone [MEK] (ug/L)	MW-67	n/a	n/a	n/a	NP (nrm)	NaN	23	9.313	2.276	unknown	ShapiroWilk
2-Butanone [MEK] (ug/L)	MW-B	n/a	n/a	n/a	NP (nrm)	NaN	32	9.506	1.943	unknown	ShapiroWilk
2-Butanone [MEK] (ug/L)	MW-C	n/a	n/a	n/a	NP (nrm)	NaN	30	9.473	2.004	unknown	ShapiroWilk
2-Hexanone (ug/L)	GU-18	No	n/a	n/a	NP (nrm)	NaN	5	8.4	3.578	unknown	ShapiroWilk
2-Hexanone (ug/L)	GU-3	n/a	n/a	n/a	NP (nrm)	NaN	42	9.042	2.638	unknown	ShapiroWilk
2-Hexanone (ug/L)	GU-4	n/a	n/a	n/a	NP (nrm)	NaN	41	9.019	2.666	unknown	ShapiroWilk
2-Hexanone (ug/L)	GU-5	n/a	n/a	n/a	NP (nrm)	NaN	39	9.179	2.459	unknown	ShapiroWilk
2-Hexanone (ug/L)	MW-26 (bg)	No	n/a	n/a	NP (nrm)	NaN	20	10	10.05	unknown	ShapiroWilk
2-Hexanone (ug/L)	MW-67	n/a	n/a	n/a	NP (nrm)	NaN	26	8.462	3.215	unknown	ShapiroWilk
2-Hexanone (ug/L)	MW-B	n/a	n/a	n/a	NP (nrm)	NaN	35	8.857	2.84	unknown	ShapiroWilk
2-Hexanone (ug/L)	MW-C	n/a	n/a	n/a	NP (nrm)	NaN	33	8.788	2.913	unknown	ShapiroWilk
2-Hexanone (ug/L)	MW-E	No	n/a	n/a	NP (nrm)	NaN	6	3.333	3.266	unknown	ShapiroWilk
4-Methyl-2-pentanone [MIBK] (ug/L)	GU-3	n/a	n/a	n/a	NP (nrm)	NaN	36	9.731	1.615	unknown	ShapiroWilk
4-Methyl-2-pentanone [MIBK] (ug/L)	GU-4	n/a	n/a	n/a	NP (nrm)	NaN	35	9.723	1.638	unknown	ShapiroWilk
4-Methyl-2-pentanone [MIBK] (ug/L)	GU-5	n/a	n/a	n/a	NP (nrm)	NaN	33	10	0	unknown	ShapiroWilk
4-Methyl-2-pentanone [MIBK] (ug/L)	MW-26 (bg)	n/a	n/a	n/a	NP (nrm)	NaN	13	10	0	unknown	ShapiroWilk
4-Methyl-2-pentanone [MIBK] (ug/L)	MW-67	n/a	n/a	n/a	NP (nrm)	NaN	19	10	0	unknown	ShapiroWilk
4-Methyl-2-pentanone [MIBK] (ug/L)	MW-B	n/a	n/a	n/a	NP (nrm)	NaN	28	10	0	unknown	ShapiroWilk
4-Methyl-2-pentanone [MIBK] (ug/L)	MW-C	n/a	n/a	n/a	NP (nrm)	NaN	26	9.65	1.783	unknown	ShapiroWilk
Acetone (ug/L)	GU-18	No	n/a	n/a	NP (nrm)	NaN	5	8.62	3.086	unknown	ShapiroWilk
Acetone (ug/L)	GU-3	No	n/a	n/a	NP (nrm)	NaN	42	8.545	2.626	unknown	ShapiroWilk
Acetone (ug/L)	GU-4	n/a	n/a	n/a	NP (nrm)	NaN	41	8.928	2.693	unknown	ShapiroWilk
Acetone (ug/L)	GU-5	Yes	3.85,1.79,3.14,3.43,4....	7/1/2016,10/4/2016,10/17/20...	NP (nrm)	NaN	39	8.38	2.913	unknown	ShapiroWilk
Acetone (ug/L)	MW-26 (bg)	No	n/a	n/a	NP (nrm)	NaN	20	10.27	9.832	unknown	ShapiroWilk
Acetone (ug/L)	MW-67	n/a	n/a	n/a	NP (nrm)	NaN	26	8.673	2.773	unknown	ShapiroWilk

Outlier Analysis

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE PII PRIME flat Printed 12/3/2024, 4:59 PM

Constituent	Well	Outlier	Value(s)	Date(s)	Method	Alpha	N	Mean	Std. Dev.	Distribution	Normality Test
Acetone (ug/L)	MW-B	n/a	n/a	n/a	NP (nrm)	NaN	35	9.198	3.43	unknown	ShapiroWilk
Acetone (ug/L)	MW-C	Yes	2.89	8/16/2013	NP (nrm)	NaN	33	8.43	2.874	unknown	ShapiroWilk
Acetone (ug/L)	MW-E	No	n/a	n/a	NP (nrm)	NaN	6	4.25	2.817	unknown	ShapiroWilk
Acrylonitrile (ug/L)	GU-18	No	n/a	n/a	NP (nrm)	NaN	5	8.44	3.488	unknown	ShapiroWilk
Acrylonitrile (ug/L)	GU-3	n/a	n/a	n/a	NP (nrm)	NaN	41	9.117	2.431	unknown	ShapiroWilk
Acrylonitrile (ug/L)	GU-4	n/a	n/a	n/a	NP (nrm)	NaN	40	9.095	2.458	unknown	ShapiroWilk
Acrylonitrile (ug/L)	GU-5	n/a	n/a	n/a	NP (nrm)	NaN	39	9.072	2.486	unknown	ShapiroWilk
Acrylonitrile (ug/L)	MW-26 (bg)	No	n/a	n/a	NP (nrm)	NaN	20	8.05	3.465	unknown	ShapiroWilk
Acrylonitrile (ug/L)	MW-67	n/a	n/a	n/a	NP (nrm)	NaN	26	8.5	3.135	unknown	ShapiroWilk
Acrylonitrile (ug/L)	MW-B	n/a	n/a	n/a	NP (nrm)	NaN	35	8.886	2.769	unknown	ShapiroWilk
Acrylonitrile (ug/L)	MW-C	n/a	n/a	n/a	NP (nrm)	NaN	33	8.818	2.84	unknown	ShapiroWilk
Acrylonitrile (ug/L)	MW-E	No	n/a	n/a	NP (nrm)	NaN	6	3.5	3.184	unknown	ShapiroWilk
Benzene (ug/L)	GU-18	No	n/a	n/a	NP (nrm)	NaN	5	0.444	0.1252	unknown	ShapiroWilk
Benzene (ug/L)	GU-3	n/a	n/a	n/a	NP (nrm)	NaN	43	0.5884	0.7058	unknown	ShapiroWilk
Benzene (ug/L)	GU-4	n/a	n/a	n/a	NP (nrm)	NaN	42	0.4526	0.1164	unknown	ShapiroWilk
Benzene (ug/L)	GU-5	n/a	n/a	n/a	NP (nrm)	NaN	39	0.4713	0.08606	unknown	ShapiroWilk
Benzene (ug/L)	MW-26 (bg)	No	n/a	n/a	NP (nrm)	NaN	20	0.455	0.1779	unknown	ShapiroWilk
Benzene (ug/L)	MW-67	n/a	n/a	n/a	NP (nrm)	NaN	26	0.4462	0.1125	unknown	ShapiroWilk
Benzene (ug/L)	MW-B	n/a	n/a	n/a	NP (nrm)	NaN	35	0.46	0.09941	unknown	ShapiroWilk
Benzene (ug/L)	MW-C	n/a	n/a	n/a	NP (nrm)	NaN	33	0.4576	0.102	unknown	ShapiroWilk
Benzene (ug/L)	MW-E	No	n/a	n/a	NP (nrm)	NaN	6	0.2667	0.1143	unknown	ShapiroWilk
Bromochloromethane (ug/L)	GU-18	No	n/a	n/a	NP (nrm)	NaN	5	4.108	1.995	unknown	ShapiroWilk
Bromochloromethane (ug/L)	GU-3	n/a	n/a	n/a	NP (nrm)	NaN	42	4.474	1.448	unknown	ShapiroWilk
Bromochloromethane (ug/L)	GU-4	n/a	n/a	n/a	NP (nrm)	NaN	41	4.461	1.463	unknown	ShapiroWilk
Bromochloromethane (ug/L)	GU-5	n/a	n/a	n/a	NP (nrm)	NaN	39	4.543	1.371	unknown	ShapiroWilk
Bromochloromethane (ug/L)	MW-26 (bg)	No	n/a	n/a	NP (nrm)	NaN	20	3.685	2.063	unknown	ShapiroWilk
Bromochloromethane (ug/L)	MW-67	n/a	n/a	n/a	NP (nrm)	NaN	26	4.142	1.793	unknown	ShapiroWilk
Bromochloromethane (ug/L)	MW-B	n/a	n/a	n/a	NP (nrm)	NaN	35	4.363	1.583	unknown	ShapiroWilk
Bromochloromethane (ug/L)	MW-C	n/a	n/a	n/a	NP (nrm)	NaN	33	4.324	1.624	unknown	ShapiroWilk
Bromochloromethane (ug/L)	MW-E	No	n/a	n/a	NP (nrm)	NaN	6	1.283	1.821	unknown	ShapiroWilk
Bromodichloromethane (ug/L)	GU-18	No	n/a	n/a	NP (nrm)	NaN	5	0.878	0.2728	unknown	ShapiroWilk
Bromodichloromethane (ug/L)	GU-3	n/a	n/a	n/a	NP (nrm)	NaN	42	1.256	1.541	unknown	ShapiroWilk
Bromodichloromethane (ug/L)	GU-4	n/a	n/a	n/a	NP (nrm)	NaN	41	1.262	1.56	unknown	ShapiroWilk
Bromodichloromethane (ug/L)	GU-5	n/a	n/a	n/a	NP (nrm)	NaN	39	1.296	1.59	unknown	ShapiroWilk
Bromodichloromethane (ug/L)	MW-26 (bg)	No	n/a	n/a	NP (nrm)	NaN	20	0.8475	0.271	unknown	ShapiroWilk
Bromodichloromethane (ug/L)	MW-67	n/a	n/a	n/a	NP (nrm)	NaN	26	0.8827	0.2452	unknown	ShapiroWilk
Bromodichloromethane (ug/L)	MW-B	n/a	n/a	n/a	NP (nrm)	NaN	35	0.9129	0.2166	unknown	ShapiroWilk
Bromodichloromethane (ug/L)	MW-C	n/a	n/a	n/a	NP (nrm)	NaN	33	0.9076	0.2221	unknown	ShapiroWilk
Bromodichloromethane (ug/L)	MW-E	No	n/a	n/a	NP (nrm)	NaN	6	0.4917	0.249	unknown	ShapiroWilk
Bromoform (ug/L)	GU-18	No	n/a	n/a	NP (nrm)	NaN	5	4.156	1.887	unknown	ShapiroWilk
Bromoform (ug/L)	GU-3	n/a	n/a	n/a	NP (nrm)	NaN	41	6.794	10.04	unknown	ShapiroWilk
Bromoform (ug/L)	GU-4	n/a	n/a	n/a	NP (nrm)	NaN	41	6.794	10.04	unknown	ShapiroWilk
Bromoform (ug/L)	GU-5	n/a	n/a	n/a	NP (nrm)	NaN	39	7.003	10.25	unknown	ShapiroWilk
Bromoform (ug/L)	MW-26 (bg)	No	n/a	n/a	NP (nrm)	NaN	20	3.745	1.967	unknown	ShapiroWilk
Bromoform (ug/L)	MW-67	n/a	n/a	n/a	NP (nrm)	NaN	26	4.188	1.696	unknown	ShapiroWilk
Bromoform (ug/L)	MW-B	n/a	n/a	n/a	NP (nrm)	NaN	35	4.397	1.498	unknown	ShapiroWilk
Bromoform (ug/L)	MW-C	n/a	n/a	n/a	NP (nrm)	NaN	33	4.361	1.537	unknown	ShapiroWilk
Bromoform (ug/L)	MW-E	No	n/a	n/a	NP (nrm)	NaN	6	1.483	1.723	unknown	ShapiroWilk
Bromomethane (ug/L)	GU-18	No	n/a	n/a	NP (nrm)	NaN	5	3.42	1.297	unknown	ShapiroWilk
Bromomethane (ug/L)	GU-3	n/a	n/a	n/a	NP (nrm)	NaN	42	3.612	1.572	unknown	ShapiroWilk

Outlier Analysis

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE PII PRIME flat Printed 12/3/2024, 4:59 PM

Constituent	Well	Outlier	Value(s)	Date(s)	Method	Alpha	N	Mean	Std. Dev.	Distribution	Normality Test
Bromomethane (ug/L)	GU-4	n/a	n/a	n/a	NP (nrm)	NaN	41	3.509	1.677	unknown	ShapiroWilk
Bromomethane (ug/L)	GU-5	n/a	n/a	n/a	NP (nrm)	NaN	39	3.476	1.732	unknown	ShapiroWilk
Bromomethane (ug/L)	MW-26 (bg)	n/a	n/a	n/a	NP (nrm)	NaN	20	2.936	1.498	unknown	ShapiroWilk
Bromomethane (ug/L)	MW-67	n/a	n/a	n/a	NP (nrm)	NaN	26	3.017	1.52	unknown	ShapiroWilk
Bromomethane (ug/L)	MW-B	n/a	n/a	n/a	NP (nrm)	NaN	35	3.274	1.366	unknown	ShapiroWilk
Bromomethane (ug/L)	MW-C	n/a	n/a	n/a	NP (nrm)	NaN	33	3.235	1.918	unknown	ShapiroWilk
Bromomethane (ug/L)	MW-E	No	n/a	n/a	NP (nrm)	NaN	6	1.583	1.184	unknown	ShapiroWilk
Carbon disulfide (ug/L)	GU-18	No	n/a	n/a	NP (nrm)	NaN	5	0.89	0.246	unknown	ShapiroWilk
Carbon disulfide (ug/L)	GU-3	n/a	n/a	n/a	NP (nrm)	NaN	42	1.166	1.42	unknown	ShapiroWilk
Carbon disulfide (ug/L)	GU-4	n/a	n/a	n/a	NP (nrm)	NaN	41	1.171	1.435	unknown	ShapiroWilk
Carbon disulfide (ug/L)	GU-5	n/a	n/a	n/a	NP (nrm)	NaN	39	1.2	1.466	unknown	ShapiroWilk
Carbon disulfide (ug/L)	MW-26 (bg)	Yes	10	9/17/2010	NP (nrm)	NaN	20	1.362	2.063	unknown	ShapiroWilk
Carbon disulfide (ug/L)	MW-67	n/a	n/a	n/a	NP (nrm)	NaN	26	0.8942	0.2211	unknown	ShapiroWilk
Carbon disulfide (ug/L)	MW-B	n/a	n/a	n/a	NP (nrm)	NaN	35	1.207	1.553	unknown	ShapiroWilk
Carbon disulfide (ug/L)	MW-C	n/a	n/a	n/a	NP (nrm)	NaN	33	1.128	1.099	unknown	ShapiroWilk
Carbon disulfide (ug/L)	MW-E	No	n/a	n/a	NP (nrm)	NaN	6	0.5417	0.2245	unknown	ShapiroWilk
Carbon Tetrachloride (ug/L)	GU-18	No	n/a	n/a	NP (nrm)	NaN	5	1.73	0.6037	unknown	ShapiroWilk
Carbon Tetrachloride (ug/L)	GU-3	n/a	n/a	n/a	NP (nrm)	NaN	42	1.95	0.7497	unknown	ShapiroWilk
Carbon Tetrachloride (ug/L)	GU-4	n/a	n/a	n/a	NP (nrm)	NaN	41	1.998	0.8238	unknown	ShapiroWilk
Carbon Tetrachloride (ug/L)	GU-5	n/a	n/a	n/a	NP (nrm)	NaN	39	2.041	0.7984	unknown	ShapiroWilk
Carbon Tetrachloride (ug/L)	MW-26 (bg)	No	n/a	n/a	NP (nrm)	NaN	20	1.762	0.9729	unknown	ShapiroWilk
Carbon Tetrachloride (ug/L)	MW-67	n/a	n/a	n/a	NP (nrm)	NaN	26	1.74	0.5426	unknown	ShapiroWilk
Carbon Tetrachloride (ug/L)	MW-B	n/a	n/a	n/a	NP (nrm)	NaN	35	1.893	0.7217	unknown	ShapiroWilk
Carbon Tetrachloride (ug/L)	MW-C	n/a	n/a	n/a	NP (nrm)	NaN	33	1.795	0.4915	unknown	ShapiroWilk
Carbon Tetrachloride (ug/L)	MW-E	No	n/a	n/a	NP (nrm)	NaN	6	0.875	0.5511	unknown	ShapiroWilk
Chlorobenzene (ug/L)	GU-18	No	n/a	n/a	NP (nrm)	NaN	5	0.88	0.2683	unknown	ShapiroWilk
Chlorobenzene (ug/L)	GU-3	n/a	n/a	n/a	NP (nrm)	NaN	42	0.9231	0.2142	unknown	ShapiroWilk
Chlorobenzene (ug/L)	GU-4	n/a	n/a	n/a	NP (nrm)	NaN	41	0.9212	0.2165	unknown	ShapiroWilk
Chlorobenzene (ug/L)	GU-5	n/a	n/a	n/a	NP (nrm)	NaN	39	0.9385	0.1844	unknown	ShapiroWilk
Chlorobenzene (ug/L)	MW-26 (bg)	No	n/a	n/a	NP (nrm)	NaN	20	0.85	0.2666	unknown	ShapiroWilk
Chlorobenzene (ug/L)	MW-67	n/a	n/a	n/a	NP (nrm)	NaN	26	0.8846	0.2412	unknown	ShapiroWilk
Chlorobenzene (ug/L)	MW-B	n/a	n/a	n/a	NP (nrm)	NaN	35	0.9143	0.213	unknown	ShapiroWilk
Chlorobenzene (ug/L)	MW-C	n/a	n/a	n/a	NP (nrm)	NaN	33	0.9091	0.2185	unknown	ShapiroWilk
Chlorobenzene (ug/L)	MW-E	No	n/a	n/a	NP (nrm)	NaN	6	0.5	0.2449	unknown	ShapiroWilk
Chloroethane (ug/L)	GU-18	No	n/a	n/a	NP (nrm)	NaN	5	3.358	1.436	unknown	ShapiroWilk
Chloroethane (ug/L)	GU-3	n/a	n/a	n/a	NP (nrm)	NaN	42	3.611	1.072	unknown	ShapiroWilk
Chloroethane (ug/L)	GU-4	n/a	n/a	n/a	NP (nrm)	NaN	41	3.601	1.083	unknown	ShapiroWilk
Chloroethane (ug/L)	GU-5	n/a	n/a	n/a	NP (nrm)	NaN	39	3.671	0.9866	unknown	ShapiroWilk
Chloroethane (ug/L)	MW-26 (bg)	No	n/a	n/a	NP (nrm)	NaN	20	3.048	1.493	unknown	ShapiroWilk
Chloroethane (ug/L)	MW-67	n/a	n/a	n/a	NP (nrm)	NaN	26	3.383	1.29	unknown	ShapiroWilk
Chloroethane (ug/L)	MW-B	n/a	n/a	n/a	NP (nrm)	NaN	35	3.541	1.14	unknown	ShapiroWilk
Chloroethane (ug/L)	MW-C	n/a	n/a	n/a	NP (nrm)	NaN	33	3.514	1.169	unknown	ShapiroWilk
Chloroethane (ug/L)	MW-E	No	n/a	n/a	NP (nrm)	NaN	6	1.325	1.31	unknown	ShapiroWilk
Chloroform (ug/L)	GU-18	n/a	n/a	n/a	NP (nrm)	NaN	5	1.86	1.048	unknown	ShapiroWilk
Chloroform (ug/L)	GU-3	n/a	n/a	n/a	NP (nrm)	NaN	42	1.414	0.8095	unknown	ShapiroWilk
Chloroform (ug/L)	GU-4	Yes	0.17,2,3,3,3,3,3	3/6/2008,4/9/2010,3/10/2020...	NP (nrm)	NaN	41	1.277	0.6873	unknown	ShapiroWilk
Chloroform (ug/L)	GU-5	n/a	n/a	n/a	NP (nrm)	NaN	39	1.492	0.8096	unknown	ShapiroWilk
Chloroform (ug/L)	MW-26 (bg)	n/a	n/a	n/a	NP (nrm)	NaN	20	1.775	0.9301	unknown	ShapiroWilk
Chloroform (ug/L)	MW-67	n/a	n/a	n/a	NP (nrm)	NaN	26	1.673	0.9093	unknown	ShapiroWilk
Chloroform (ug/L)	MW-B	n/a	n/a	n/a	NP (nrm)	NaN	35	1.5	0.8349	unknown	ShapiroWilk

Outlier Analysis

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE PII PRIME flat Printed 12/3/2024, 4:59 PM

Constituent	Well	Outlier	Value(s)	Date(s)	Method	Alpha	N	Mean	Std. Dev.	Distribution	Normality Test
Chloroform (ug/L)	MW-C	No	n/a	n/a	NP (nrm)	NaN	33	1.561	0.8492	unknown	ShapiroWilk
Chloroform (ug/L)	MW-E	No	n/a	n/a	NP (nrm)	NaN	6	1.583	0.694	unknown	ShapiroWilk
Chloromethane (ug/L)	GU-18	No	n/a	n/a	NP (nrm)	NaN	5	2.522	1.069	unknown	ShapiroWilk
Chloromethane (ug/L)	GU-3	n/a	n/a	n/a	NP (nrm)	NaN	42	2.642	0.8904	unknown	ShapiroWilk
Chloromethane (ug/L)	GU-4	n/a	n/a	n/a	NP (nrm)	NaN	41	2.643	0.8755	unknown	ShapiroWilk
Chloromethane (ug/L)	GU-5	n/a	n/a	n/a	NP (nrm)	NaN	39	2.696	0.8035	unknown	ShapiroWilk
Chloromethane (ug/L)	MW-26 (bg)	No	n/a	n/a	NP (nrm)	NaN	20	2.303	1.096	unknown	ShapiroWilk
Chloromethane (ug/L)	MW-67	No	n/a	n/a	NP (nrm)	NaN	26	2.353	1.088	unknown	ShapiroWilk
Chloromethane (ug/L)	MW-B	n/a	n/a	n/a	NP (nrm)	NaN	35	2.508	1	unknown	ShapiroWilk
Chloromethane (ug/L)	MW-C	n/a	n/a	n/a	NP (nrm)	NaN	33	2.567	0.9323	unknown	ShapiroWilk
Chloromethane (ug/L)	MW-E	No	n/a	n/a	NP (nrm)	NaN	6	1.008	0.9757	unknown	ShapiroWilk
cis-1,2-Dichloroethene (ug/L)	GU-18	No	n/a	n/a	NP (nrm)	NaN	5	0.842	0.3533	unknown	ShapiroWilk
cis-1,2-Dichloroethene (ug/L)	GU-3	n/a	n/a	n/a	NP (nrm)	NaN	42	0.8986	0.2557	unknown	ShapiroWilk
cis-1,2-Dichloroethene (ug/L)	GU-4	n/a	n/a	n/a	NP (nrm)	NaN	41	0.8471	0.307	unknown	ShapiroWilk
cis-1,2-Dichloroethene (ug/L)	GU-5	n/a	n/a	n/a	NP (nrm)	NaN	39	0.919	0.2428	unknown	ShapiroWilk
cis-1,2-Dichloroethene (ug/L)	MW-26 (bg)	No	n/a	n/a	NP (nrm)	NaN	20	0.8525	0.4404	unknown	ShapiroWilk
cis-1,2-Dichloroethene (ug/L)	MW-67	n/a	n/a	n/a	NP (nrm)	NaN	26	0.8481	0.3175	unknown	ShapiroWilk
cis-1,2-Dichloroethene (ug/L)	MW-B	n/a	n/a	n/a	NP (nrm)	NaN	35	0.8951	0.3544	unknown	ShapiroWilk
cis-1,2-Dichloroethene (ug/L)	MW-C	n/a	n/a	n/a	NP (nrm)	NaN	33	0.8814	0.2852	unknown	ShapiroWilk
cis-1,2-Dichloroethene (ug/L)	MW-E	No	n/a	n/a	NP (nrm)	NaN	6	0.3417	0.3225	unknown	ShapiroWilk
cis-1,3-Dichloropropene (ug/L)	GU-18	No	n/a	n/a	NP (nrm)	NaN	5	4.05	2.124	unknown	ShapiroWilk
cis-1,3-Dichloropropene (ug/L)	GU-3	n/a	n/a	n/a	NP (nrm)	NaN	42	4.91	2.974	unknown	ShapiroWilk
cis-1,3-Dichloropropene (ug/L)	GU-4	n/a	n/a	n/a	NP (nrm)	NaN	41	4.908	3.011	unknown	ShapiroWilk
cis-1,3-Dichloropropene (ug/L)	GU-5	n/a	n/a	n/a	NP (nrm)	NaN	39	5.026	2.992	unknown	ShapiroWilk
cis-1,3-Dichloropropene (ug/L)	MW-26 (bg)	No	n/a	n/a	NP (nrm)	NaN	20	3.863	2.595	unknown	ShapiroWilk
cis-1,3-Dichloropropene (ug/L)	MW-67	n/a	n/a	n/a	NP (nrm)	NaN	26	4.087	1.909	unknown	ShapiroWilk
cis-1,3-Dichloropropene (ug/L)	MW-B	n/a	n/a	n/a	NP (nrm)	NaN	35	4.464	1.939	unknown	ShapiroWilk
cis-1,3-Dichloropropene (ug/L)	MW-C	n/a	n/a	n/a	NP (nrm)	NaN	33	4.28	1.73	unknown	ShapiroWilk
cis-1,3-Dichloropropene (ug/L)	MW-E	No	n/a	n/a	NP (nrm)	NaN	6	1.042	1.939	unknown	ShapiroWilk
Dibromochloromethane (ug/L)	GU-18	No	n/a	n/a	NP (nrm)	NaN	5	4.15	1.901	unknown	ShapiroWilk
Dibromochloromethane (ug/L)	GU-3	n/a	n/a	n/a	NP (nrm)	NaN	39	5.282	2.75	unknown	ShapiroWilk
Dibromochloromethane (ug/L)	GU-4	n/a	n/a	n/a	NP (nrm)	NaN	38	5.29	2.787	unknown	ShapiroWilk
Dibromochloromethane (ug/L)	GU-5	n/a	n/a	n/a	NP (nrm)	NaN	36	5.438	2.732	unknown	ShapiroWilk
Dibromochloromethane (ug/L)	MW-26 (bg)	n/a	n/a	n/a	NP (nrm)	NaN	17	4.265	1.638	unknown	ShapiroWilk
Dibromochloromethane (ug/L)	MW-67	n/a	n/a	n/a	NP (nrm)	NaN	23	4.63	1.224	unknown	ShapiroWilk
Dibromochloromethane (ug/L)	MW-B	n/a	n/a	n/a	NP (nrm)	NaN	32	4.734	1.045	unknown	ShapiroWilk
Dibromochloromethane (ug/L)	MW-C	n/a	n/a	n/a	NP (nrm)	NaN	30	4.717	1.078	unknown	ShapiroWilk
Dichloromethane (ug/L)	GU-18	No	n/a	n/a	NP (nrm)	NaN	5	4.34	1.476	unknown	ShapiroWilk
Dichloromethane (ug/L)	GU-3	n/a	n/a	n/a	NP (nrm)	NaN	39	4.225	1.693	unknown	ShapiroWilk
Dichloromethane (ug/L)	GU-4	No	n/a	n/a	NP (nrm)	NaN	38	3.913	1.874	unknown	ShapiroWilk
Dichloromethane (ug/L)	GU-5	n/a	n/a	n/a	NP (nrm)	NaN	36	4.404	1.931	unknown	ShapiroWilk
Dichloromethane (ug/L)	MW-26 (bg)	n/a	n/a	n/a	NP (nrm)	NaN	17	4.332	1.518	unknown	ShapiroWilk
Dichloromethane (ug/L)	MW-67	No	n/a	n/a	NP (nrm)	NaN	23	3.302	2.196	unknown	ShapiroWilk
Dichloromethane (ug/L)	MW-B	n/a	n/a	n/a	NP (nrm)	NaN	32	4.291	1.546	unknown	ShapiroWilk
Dichloromethane (ug/L)	MW-C	No	n/a	n/a	NP (nrm)	NaN	30	4.168	2.072	unknown	ShapiroWilk
Ethylbenzene (ug/L)	GU-18	No	n/a	n/a	NP (nrm)	NaN	5	0.862	0.3086	unknown	ShapiroWilk
Ethylbenzene (ug/L)	GU-3	n/a	n/a	n/a	NP (nrm)	NaN	42	0.901	0.2457	unknown	ShapiroWilk
Ethylbenzene (ug/L)	GU-4	n/a	n/a	n/a	NP (nrm)	NaN	41	0.9146	0.232	unknown	ShapiroWilk
Ethylbenzene (ug/L)	GU-5	n/a	n/a	n/a	NP (nrm)	NaN	39	0.9292	0.2121	unknown	ShapiroWilk
Ethylbenzene (ug/L)	MW-26 (bg)	No	n/a	n/a	NP (nrm)	NaN	20	0.8275	0.3065	unknown	ShapiroWilk

Outlier Analysis

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Constituent	Well	Outlier	Value(s)	Date(s)	Method	Alpha	N	Mean	Std. Dev.	Distribution	Normality Test
Ethylbenzene (ug/L)	MW-67	n/a	n/a	n/a	NP (nrm)	NaN	26	0.8673	0.2773	unknown	ShapiroWilk
Ethylbenzene (ug/L)	MW-B	n/a	n/a	n/a	NP (nrm)	NaN	35	0.9014	0.245	unknown	ShapiroWilk
Ethylbenzene (ug/L)	MW-C	n/a	n/a	n/a	NP (nrm)	NaN	33	0.8955	0.2512	unknown	ShapiroWilk
Ethylbenzene (ug/L)	MW-E	No	n/a	n/a	NP (nrm)	NaN	6	0.425	0.2817	unknown	ShapiroWilk
Iodomethane (ug/L)	GU-18	No	n/a	n/a	NP (nrm)	NaN	5	9.4	1.342	unknown	ShapiroWilk
Iodomethane (ug/L)	GU-3	n/a	n/a	n/a	NP (nrm)	NaN	42	11.15	6.936	unknown	ShapiroWilk
Iodomethane (ug/L)	GU-4	n/a	n/a	n/a	NP (nrm)	NaN	41	10.2	3.265	unknown	ShapiroWilk
Iodomethane (ug/L)	GU-5	n/a	n/a	n/a	NP (nrm)	NaN	39	10.72	3.308	unknown	ShapiroWilk
Iodomethane (ug/L)	MW-26 (bg)	Yes	20	9/17/2010	NP (nrm)	NaN	20	9.75	2.751	unknown	ShapiroWilk
Iodomethane (ug/L)	MW-67	n/a	n/a	n/a	NP (nrm)	NaN	26	9.423	1.206	unknown	ShapiroWilk
Iodomethane (ug/L)	MW-B	n/a	n/a	n/a	NP (nrm)	NaN	35	12.14	9.678	unknown	ShapiroWilk
Iodomethane (ug/L)	MW-C	n/a	n/a	n/a	NP (nrm)	NaN	33	11.36	7.466	unknown	ShapiroWilk
Iodomethane (ug/L)	MW-E	No	n/a	n/a	NP (nrm)	NaN	6	7.5	1.225	unknown	ShapiroWilk
Methylene Bromide (ug/L)	GU-18	No	n/a	n/a	NP (nrm)	NaN	5	0.866	0.2996	unknown	ShapiroWilk
Methylene Bromide (ug/L)	GU-3	n/a	n/a	n/a	NP (nrm)	NaN	42	0.9195	0.2216	unknown	ShapiroWilk
Methylene Bromide (ug/L)	GU-4	n/a	n/a	n/a	NP (nrm)	NaN	41	0.9176	0.224	unknown	ShapiroWilk
Methylene Bromide (ug/L)	GU-5	n/a	n/a	n/a	NP (nrm)	NaN	39	0.9313	0.2059	unknown	ShapiroWilk
Methylene Bromide (ug/L)	MW-26 (bg)	No	n/a	n/a	NP (nrm)	NaN	20	0.8825	0.3953	unknown	ShapiroWilk
Methylene Bromide (ug/L)	MW-67	n/a	n/a	n/a	NP (nrm)	NaN	26	0.8712	0.2693	unknown	ShapiroWilk
Methylene Bromide (ug/L)	MW-B	n/a	n/a	n/a	NP (nrm)	NaN	35	0.9329	0.3013	unknown	ShapiroWilk
Methylene Bromide (ug/L)	MW-C	n/a	n/a	n/a	NP (nrm)	NaN	33	0.8985	0.244	unknown	ShapiroWilk
Methylene Bromide (ug/L)	MW-E	No	n/a	n/a	NP (nrm)	NaN	6	0.4417	0.2735	unknown	ShapiroWilk
Styrene (ug/L)	GU-18	No	n/a	n/a	NP (nrm)	NaN	5	0.874	0.2817	unknown	ShapiroWilk
Styrene (ug/L)	GU-3	n/a	n/a	n/a	NP (nrm)	NaN	42	1.04	0.5669	unknown	ShapiroWilk
Styrene (ug/L)	GU-4	n/a	n/a	n/a	NP (nrm)	NaN	41	1.041	0.5739	unknown	ShapiroWilk
Styrene (ug/L)	GU-5	n/a	n/a	n/a	NP (nrm)	NaN	39	1.064	0.5719	unknown	ShapiroWilk
Styrene (ug/L)	MW-26 (bg)	Yes	20	3/23/2010	NP (nrm)	NaN	20	1.793	4.295	unknown	ShapiroWilk
Styrene (ug/L)	MW-67	n/a	n/a	n/a	NP (nrm)	NaN	26	0.8788	0.2532	unknown	ShapiroWilk
Styrene (ug/L)	MW-B	n/a	n/a	n/a	NP (nrm)	NaN	35	1.453	3.235	unknown	ShapiroWilk
Styrene (ug/L)	MW-C	n/a	n/a	n/a	NP (nrm)	NaN	33	0.9045	0.2294	unknown	ShapiroWilk
Styrene (ug/L)	MW-E	No	n/a	n/a	NP (nrm)	NaN	6	0.475	0.2572	unknown	ShapiroWilk
Tetrachloroethene (ug/L)	GU-18	No	n/a	n/a	NP (nrm)	NaN	5	0.896	0.2326	unknown	ShapiroWilk
Tetrachloroethene (ug/L)	GU-3	n/a	n/a	n/a	NP (nrm)	NaN	42	0.9357	0.1775	unknown	ShapiroWilk
Tetrachloroethene (ug/L)	GU-4	n/a	n/a	n/a	NP (nrm)	NaN	41	0.9341	0.1795	unknown	ShapiroWilk
Tetrachloroethene (ug/L)	GU-5	n/a	n/a	n/a	NP (nrm)	NaN	39	0.9467	0.1598	unknown	ShapiroWilk
Tetrachloroethene (ug/L)	MW-26 (bg)	No	n/a	n/a	NP (nrm)	NaN	20	0.87	0.231	unknown	ShapiroWilk
Tetrachloroethene (ug/L)	MW-67	n/a	n/a	n/a	NP (nrm)	NaN	26	0.9	0.209	unknown	ShapiroWilk
Tetrachloroethene (ug/L)	MW-B	n/a	n/a	n/a	NP (nrm)	NaN	35	0.9257	0.1846	unknown	ShapiroWilk
Tetrachloroethene (ug/L)	MW-C	n/a	n/a	n/a	NP (nrm)	NaN	33	0.9212	0.1893	unknown	ShapiroWilk
Tetrachloroethene (ug/L)	MW-E	No	n/a	n/a	NP (nrm)	NaN	6	0.5667	0.2123	unknown	ShapiroWilk
Toluene (ug/L)	GU-18	No	n/a	n/a	NP (nrm)	NaN	5	0.886	0.2549	unknown	ShapiroWilk
Toluene (ug/L)	GU-3	n/a	n/a	n/a	NP (nrm)	NaN	43	1.158	1.395	unknown	ShapiroWilk
Toluene (ug/L)	GU-4	n/a	n/a	n/a	NP (nrm)	NaN	41	0.9339	0.1806	unknown	ShapiroWilk
Toluene (ug/L)	GU-5	n/a	n/a	n/a	NP (nrm)	NaN	39	0.9415	0.1752	unknown	ShapiroWilk
Toluene (ug/L)	MW-26 (bg)	No	n/a	n/a	NP (nrm)	NaN	20	0.8575	0.2532	unknown	ShapiroWilk
Toluene (ug/L)	MW-67	n/a	n/a	n/a	NP (nrm)	NaN	26	0.8904	0.2291	unknown	ShapiroWilk
Toluene (ug/L)	MW-B	n/a	n/a	n/a	NP (nrm)	NaN	35	0.9186	0.2024	unknown	ShapiroWilk
Toluene (ug/L)	MW-C	n/a	n/a	n/a	NP (nrm)	NaN	33	0.9136	0.2075	unknown	ShapiroWilk
Toluene (ug/L)	MW-E	No	n/a	n/a	NP (nrm)	NaN	6	0.525	0.2327	unknown	ShapiroWilk
trans-1,2-Dichloroethene (ug/L)	GU-18	No	n/a	n/a	NP (nrm)	NaN	5	0.854	0.3265	unknown	ShapiroWilk

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Constituent	Well	Outlier	Value(s)	Date(s)	Method	Alpha	N	Mean	Std. Dev.	Distribution	Normality Test
trans-1,2-Dichloroethene (ug/L)	GU-3	n/a	n/a	n/a	NP (nrm)	NaN	42	0.914	0.2367	unknown	ShapiroWilk
trans-1,2-Dichloroethene (ug/L)	GU-4	n/a	n/a	n/a	NP (nrm)	NaN	41	0.912	0.2393	unknown	ShapiroWilk
trans-1,2-Dichloroethene (ug/L)	GU-5	n/a	n/a	n/a	NP (nrm)	NaN	39	0.9251	0.2244	unknown	ShapiroWilk
trans-1,2-Dichloroethene (ug/L)	MW-26 (bg)	No	n/a	n/a	NP (nrm)	NaN	20	0.8175	0.3243	unknown	ShapiroWilk
trans-1,2-Dichloroethene (ug/L)	MW-67	n/a	n/a	n/a	NP (nrm)	NaN	26	0.8596	0.2934	unknown	ShapiroWilk
trans-1,2-Dichloroethene (ug/L)	MW-B	n/a	n/a	n/a	NP (nrm)	NaN	35	0.8957	0.2592	unknown	ShapiroWilk
trans-1,2-Dichloroethene (ug/L)	MW-C	n/a	n/a	n/a	NP (nrm)	NaN	33	0.8894	0.2658	unknown	ShapiroWilk
trans-1,2-Dichloroethene (ug/L)	MW-E	No	n/a	n/a	NP (nrm)	NaN	6	0.3917	0.298	unknown	ShapiroWilk
trans-1,3-Dichloropropene (ug/L)	GU-18	No	n/a	n/a	NP (nrm)	NaN	5	4.112	1.986	unknown	ShapiroWilk
trans-1,3-Dichloropropene (ug/L)	GU-3	n/a	n/a	n/a	NP (nrm)	NaN	42	4.938	2.93	unknown	ShapiroWilk
trans-1,3-Dichloropropene (ug/L)	GU-4	n/a	n/a	n/a	NP (nrm)	NaN	41	4.937	2.967	unknown	ShapiroWilk
trans-1,3-Dichloropropene (ug/L)	GU-5	n/a	n/a	n/a	NP (nrm)	NaN	39	5.057	2.941	unknown	ShapiroWilk
trans-1,3-Dichloropropene (ug/L)	MW-26 (bg)	No	n/a	n/a	NP (nrm)	NaN	20	3.94	2.483	unknown	ShapiroWilk
trans-1,3-Dichloropropene (ug/L)	MW-67	n/a	n/a	n/a	NP (nrm)	NaN	26	4.146	1.785	unknown	ShapiroWilk
trans-1,3-Dichloropropene (ug/L)	MW-B	n/a	n/a	n/a	NP (nrm)	NaN	35	4.509	1.84	unknown	ShapiroWilk
trans-1,3-Dichloropropene (ug/L)	MW-C	n/a	n/a	n/a	NP (nrm)	NaN	33	4.327	1.617	unknown	ShapiroWilk
trans-1,3-Dichloropropene (ug/L)	MW-E	No	n/a	n/a	NP (nrm)	NaN	6	1.3	1.813	unknown	ShapiroWilk
trans-1,4-Dichloro-2-butene (ug/L)	GU-18	No	n/a	n/a	NP (nrm)	NaN	5	8.22	3.98	unknown	ShapiroWilk
trans-1,4-Dichloro-2-butene (ug/L)	GU-3	n/a	n/a	n/a	NP (nrm)	NaN	42	9.433	3.731	unknown	ShapiroWilk
trans-1,4-Dichloro-2-butene (ug/L)	GU-4	n/a	n/a	n/a	NP (nrm)	NaN	41	9.42	3.776	unknown	ShapiroWilk
trans-1,4-Dichloro-2-butene (ug/L)	GU-5	n/a	n/a	n/a	NP (nrm)	NaN	39	9.6	3.666	unknown	ShapiroWilk
trans-1,4-Dichloro-2-butene (ug/L)	MW-26 (bg)	No	n/a	n/a	NP (nrm)	NaN	20	7.525	3.964	unknown	ShapiroWilk
trans-1,4-Dichloro-2-butene (ug/L)	MW-67	n/a	n/a	n/a	NP (nrm)	NaN	26	8.288	3.577	unknown	ShapiroWilk
trans-1,4-Dichloro-2-butene (ug/L)	MW-B	n/a	n/a	n/a	NP (nrm)	NaN	35	9.014	3.686	unknown	ShapiroWilk
trans-1,4-Dichloro-2-butene (ug/L)	MW-C	n/a	n/a	n/a	NP (nrm)	NaN	33	8.955	3.791	unknown	ShapiroWilk
trans-1,4-Dichloro-2-butene (ug/L)	MW-E	No	n/a	n/a	NP (nrm)	NaN	6	2.583	3.633	unknown	ShapiroWilk
Trichloroethene (ug/L)	GU-18	No	n/a	n/a	NP (nrm)	NaN	5	0.886	0.2549	unknown	ShapiroWilk
Trichloroethene (ug/L)	GU-3	n/a	n/a	n/a	NP (nrm)	NaN	42	0.9276	0.201	unknown	ShapiroWilk
Trichloroethene (ug/L)	GU-4	n/a	n/a	n/a	NP (nrm)	NaN	41	0.9259	0.2032	unknown	ShapiroWilk
Trichloroethene (ug/L)	GU-5	n/a	n/a	n/a	NP (nrm)	NaN	39	0.9415	0.1752	unknown	ShapiroWilk
Trichloroethene (ug/L)	MW-26 (bg)	No	n/a	n/a	NP (nrm)	NaN	20	0.8575	0.2532	unknown	ShapiroWilk
Trichloroethene (ug/L)	MW-67	n/a	n/a	n/a	NP (nrm)	NaN	26	0.8904	0.2291	unknown	ShapiroWilk
Trichloroethene (ug/L)	MW-B	n/a	n/a	n/a	NP (nrm)	NaN	35	0.8963	0.2337	unknown	ShapiroWilk
Trichloroethene (ug/L)	MW-C	n/a	n/a	n/a	NP (nrm)	NaN	33	0.9136	0.2075	unknown	ShapiroWilk
Trichloroethene (ug/L)	MW-E	No	n/a	n/a	NP (nrm)	NaN	6	0.525	0.2327	unknown	ShapiroWilk
Trichlorofluoromethane (ug/L)	GU-18	No	n/a	n/a	NP (nrm)	NaN	5	3.276	1.619	unknown	ShapiroWilk
Trichlorofluoromethane (ug/L)	GU-3	n/a	n/a	n/a	NP (nrm)	NaN	42	3.566	1.195	unknown	ShapiroWilk
Trichlorofluoromethane (ug/L)	GU-4	n/a	n/a	n/a	NP (nrm)	NaN	41	3.463	1.312	unknown	ShapiroWilk
Trichlorofluoromethane (ug/L)	GU-5	n/a	n/a	n/a	NP (nrm)	NaN	39	3.678	1.171	unknown	ShapiroWilk
Trichlorofluoromethane (ug/L)	MW-26 (bg)	No	n/a	n/a	NP (nrm)	NaN	20	2.945	1.658	unknown	ShapiroWilk
Trichlorofluoromethane (ug/L)	MW-67	n/a	n/a	n/a	NP (nrm)	NaN	26	3.304	1.455	unknown	ShapiroWilk
Trichlorofluoromethane (ug/L)	MW-B	n/a	n/a	n/a	NP (nrm)	NaN	35	3.483	1.285	unknown	ShapiroWilk
Trichlorofluoromethane (ug/L)	MW-C	n/a	n/a	n/a	NP (nrm)	NaN	33	3.452	1.318	unknown	ShapiroWilk
Trichlorofluoromethane (ug/L)	MW-E	No	n/a	n/a	NP (nrm)	NaN	6	0.9833	1.478	unknown	ShapiroWilk
Vinyl acetate (ug/L)	GU-18	n/a	n/a	n/a	NP (nrm)	NaN	5	5.3	4.295	unknown	ShapiroWilk
Vinyl acetate (ug/L)	GU-3	n/a	n/a	n/a	NP (nrm)	NaN	42	5.77	4.487	unknown	ShapiroWilk
Vinyl acetate (ug/L)	GU-4	n/a	n/a	n/a	NP (nrm)	NaN	41	5.082	4.407	unknown	ShapiroWilk
Vinyl acetate (ug/L)	GU-5	n/a	n/a	n/a	NP (nrm)	NaN	39	6.692	4.458	unknown	ShapiroWilk
Vinyl acetate (ug/L)	MW-26 (bg)	No	n/a	n/a	NP (nrm)	NaN	20	6.125	3.98	unknown	ShapiroWilk
Vinyl acetate (ug/L)	MW-67	n/a	n/a	n/a	NP (nrm)	NaN	26	7.019	3.848	unknown	ShapiroWilk

Outlier Analysis

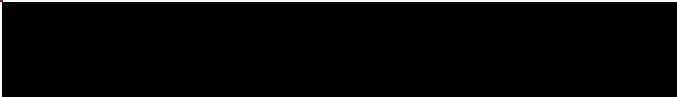
Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE PII PRIME flat Printed 12/3/2024, 4:59 PM

<u>Constituent</u>	<u>Well</u>	<u>Outlier</u>	<u>Value(s)</u>	<u>Date(s)</u>	<u>Method</u>	<u>Alpha</u>	<u>N</u>	<u>Mean</u>	<u>Std. Dev.</u>	<u>Distribution</u>	<u>Normality Test</u>
Vinyl acetate (ug/L)	MW-B	n/a	n/a	n/a	NP (nrm)	NaN	35	6.471	4.581	unknown	ShapiroWilk
Vinyl acetate (ug/L)	MW-C	n/a	n/a	n/a	NP (nrm)	NaN	33	6.742	4.579	unknown	ShapiroWilk
Vinyl acetate (ug/L)	MW-E	No	n/a	n/a	NP (nrm)	NaN	6	3.75	3.062	unknown	ShapiroWilk
Vinyl chloride (ug/L)	GU-18	No	n/a	n/a	NP (nrm)	NaN	5	0.836	0.3667	unknown	ShapiroWilk
Vinyl chloride (ug/L)	GU-3	n/a	n/a	n/a	NP (nrm)	NaN	42	0.9043	0.2638	unknown	ShapiroWilk
Vinyl chloride (ug/L)	GU-4	Yes	0.26,0.316,0.346,0.298...	3/6/2008,4/14/2015,10/1/201...	NP (nrm)	NaN	41	0.8336	0.3095	unknown	ShapiroWilk
Vinyl chloride (ug/L)	GU-5	n/a	n/a	n/a	NP (nrm)	NaN	39	0.9159	0.252	unknown	ShapiroWilk
Vinyl chloride (ug/L)	MW-26 (bg)	No	n/a	n/a	NP (nrm)	NaN	20	0.795	0.3643	unknown	ShapiroWilk
Vinyl chloride (ug/L)	MW-67	n/a	n/a	n/a	NP (nrm)	NaN	26	0.8423	0.3296	unknown	ShapiroWilk
Vinyl chloride (ug/L)	MW-B	n/a	n/a	n/a	NP (nrm)	NaN	35	0.8829	0.2911	unknown	ShapiroWilk
Vinyl chloride (ug/L)	MW-C	n/a	n/a	n/a	NP (nrm)	NaN	33	0.8758	0.2986	unknown	ShapiroWilk
Vinyl chloride (ug/L)	MW-E	No	n/a	n/a	NP (nrm)	NaN	6	0.3167	0.3348	unknown	ShapiroWilk
Xylenes, total (ug/L)	GU-18	No	n/a	n/a	NP (nrm)	NaN	5	2.48	1.163	unknown	ShapiroWilk
Xylenes, total (ug/L)	GU-3	n/a	n/a	n/a	NP (nrm)	NaN	42	2.878	1.105	unknown	ShapiroWilk
Xylenes, total (ug/L)	GU-4	n/a	n/a	n/a	NP (nrm)	NaN	41	2.865	1.117	unknown	ShapiroWilk
Xylenes, total (ug/L)	GU-5	n/a	n/a	n/a	NP (nrm)	NaN	39	2.913	1.097	unknown	ShapiroWilk
Xylenes, total (ug/L)	MW-26 (bg)	No	n/a	n/a	NP (nrm)	NaN	20	2.35	1.155	unknown	ShapiroWilk
Xylenes, total (ug/L)	MW-67	n/a	n/a	n/a	NP (nrm)	NaN	26	2.5	1.045	unknown	ShapiroWilk
Xylenes, total (ug/L)	MW-B	n/a	n/a	n/a	NP (nrm)	NaN	35	2.629	0.9231	unknown	ShapiroWilk
Xylenes, total (ug/L)	MW-C	n/a	n/a	n/a	NP (nrm)	NaN	33	2.606	0.9467	unknown	ShapiroWilk
Xylenes, total (ug/L)	MW-E	No	n/a	n/a	NP (nrm)	NaN	6	0.8333	1.061	unknown	ShapiroWilk



Phase II – VOCs

Outliers Summary



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Flagged_Outliers

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE PII PRIME flat Printed 12/3/2024, 5:07 PM

GU-3 Bromomethane (ug/L)
 GU-4 Bromomethane (ug/L)
 GU-5 Bromomethane (ug/L)
 MW-C Bromomethane (ug/L)
 MW-26 Carbon disulfide (ug/L)
 MW-B Carbon disulfide (ug/L)
 MW-C Carbon disulfide (ug/L)
 MW-26 Carbon Tetrachloride (ug/L)
 MW-B Carbon Tetrachloride (ug/L)
 MW-C Dichloromethane (ug/L)

Date	GU-3 Bromomethane (ug/L)	GU-4 Bromomethane (ug/L)	GU-5 Bromomethane (ug/L)	MW-C Bromomethane (ug/L)	MW-26 Carbon disulfide (ug/L)	MW-B Carbon disulfide (ug/L)	MW-C Carbon disulfide (ug/L)	MW-26 Carbon Tetrachloride (ug/L)	MW-B Carbon Tetrachloride (ug/L)	MW-C Dichloromethane (ug/L)
4/6/2007										
5/7/2007										
5/16/2007										
6/25/2007										
7/10/2007										
7/30/2007										
8/8/2007										
12/22/2008										
3/5/2009										
6/8/2009										
10/19/2009	<10 (o)	<10 (o)	<10 (o)							
12/17/2009										
3/23/2010										
4/9/2010										
9/17/2010					<10 (o)	<10 (o)		<5 (o)	<5 (o)	
1/12/2011										
5/31/2011				<10 (o)					<10 (o)	
9/12/2011										
4/27/2017										
8/1/2019										
11/14/2022							7.05 (o)			

Flagged_Outliers

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE PII PRIME flat Printed 12/3/2024, 5:07 PM

MW-26 Iodomethane (ug/L)
MW-B Iodomethane (ug/L)
MW-C Iodomethane (ug/L)
MW-26 Styrene (ug/L)
MW-B Styrene (ug/L)

4/6/2007
5/7/2007
5/16/2007
6/25/2007
7/10/2007
7/30/2007
8/8/2007
12/22/2008
3/5/2009
6/8/2009
10/19/2009
12/17/2009
3/23/2010
4/9/2010
9/17/2010
1/12/2011
5/31/2011
9/12/2011
4/27/2017
8/1/2019
11/14/2022

<50 (o)
<20 (oD) <20 (o)
<20 (o)
<50 (o)



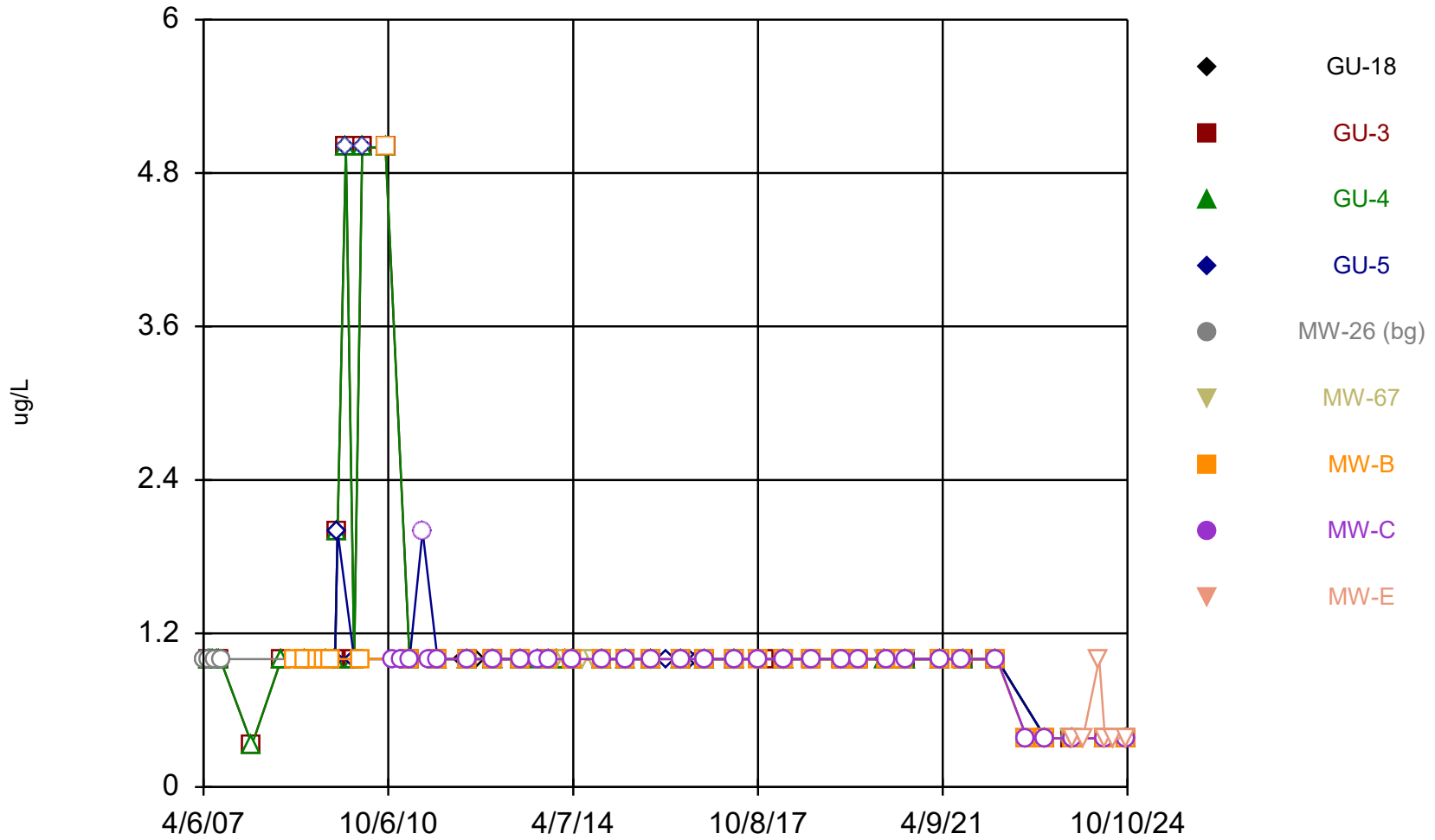
Phase II - VOCs

Time Series Analysis



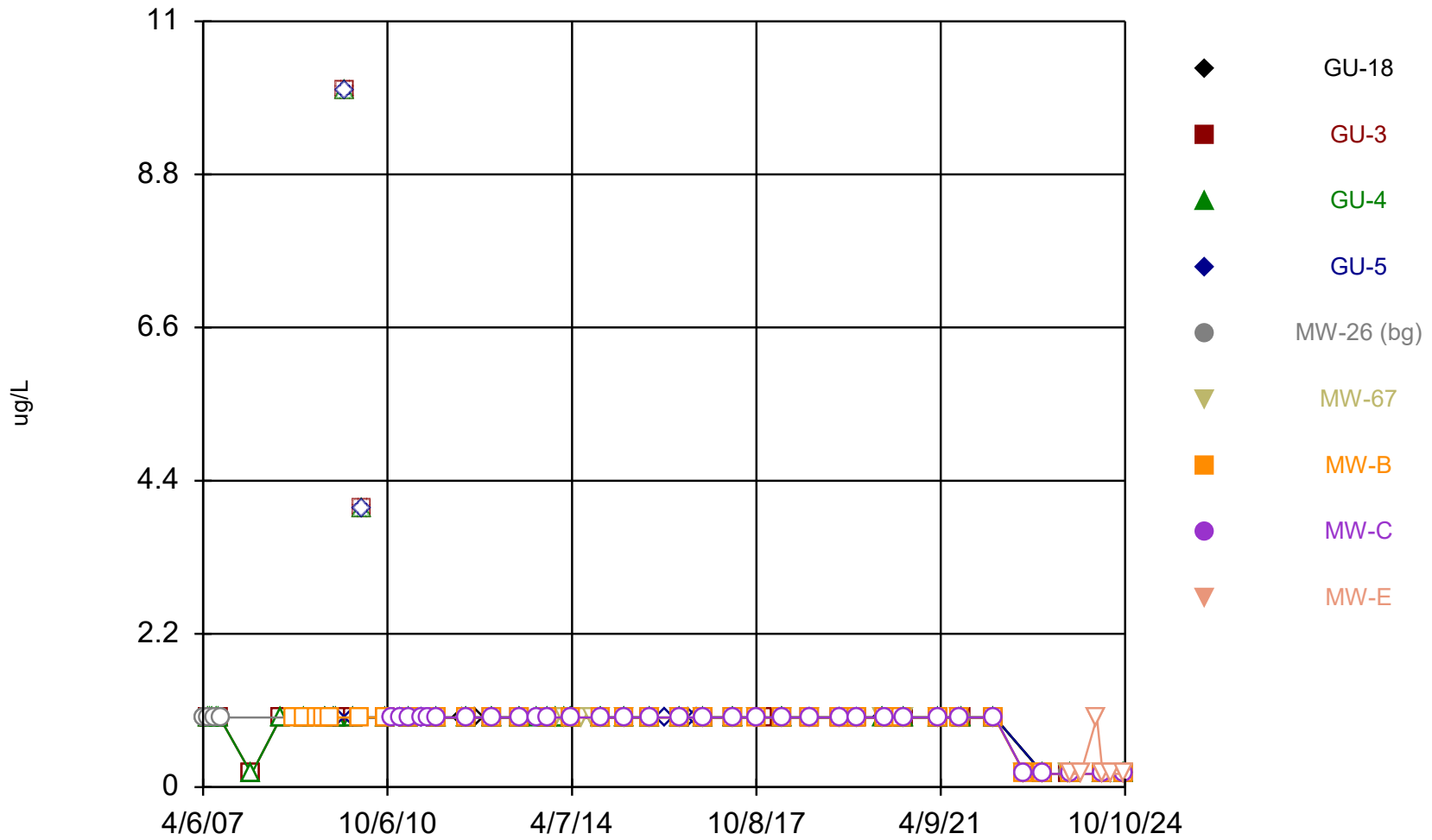
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Time Series



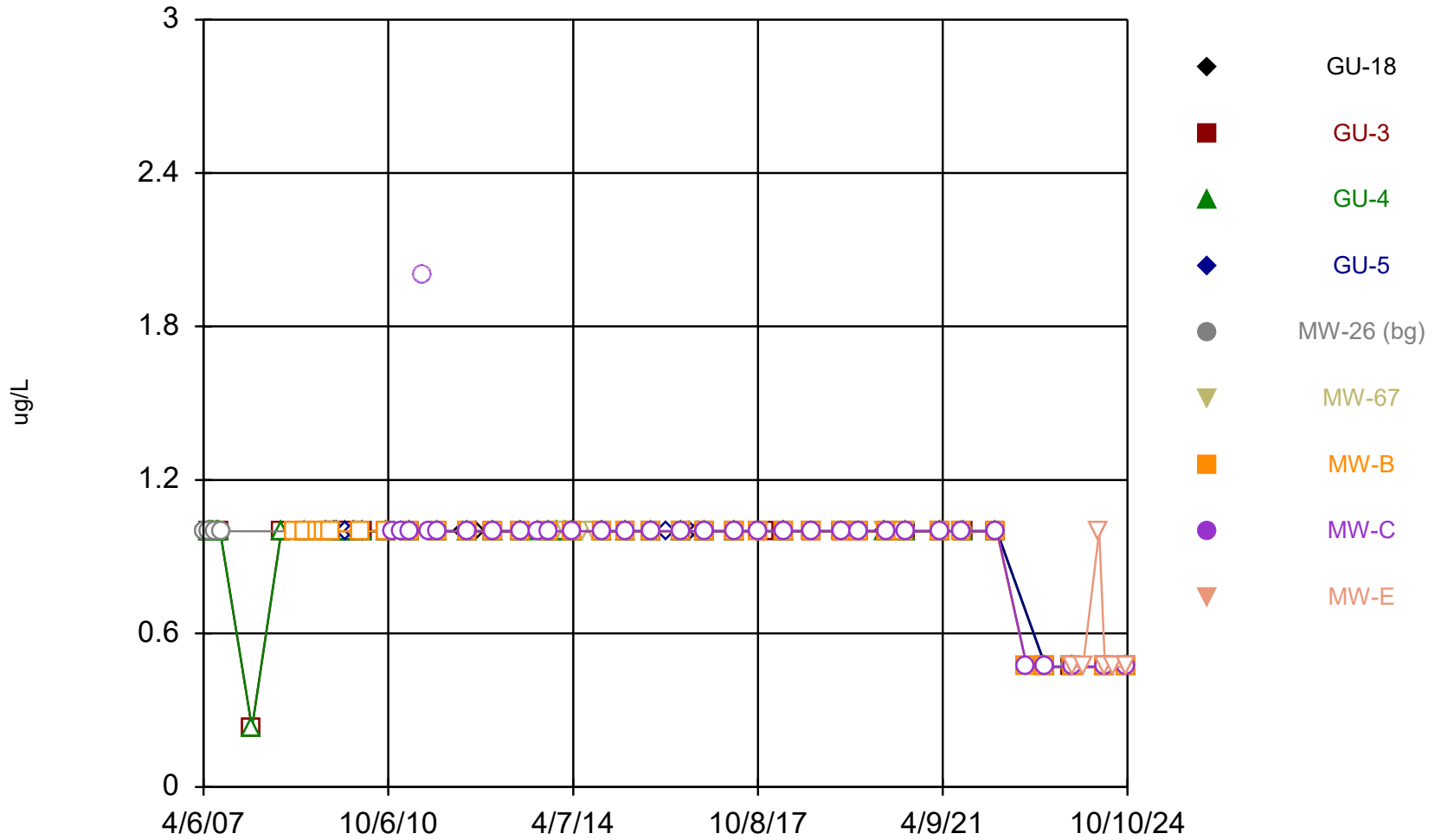
Constituent: 1,1,1,2-Tetrachloroethane Analysis Run 12/3/2024 5:03 PM View: Phase II - Appendix I VOC
Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE PII PRIME flat

Time Series



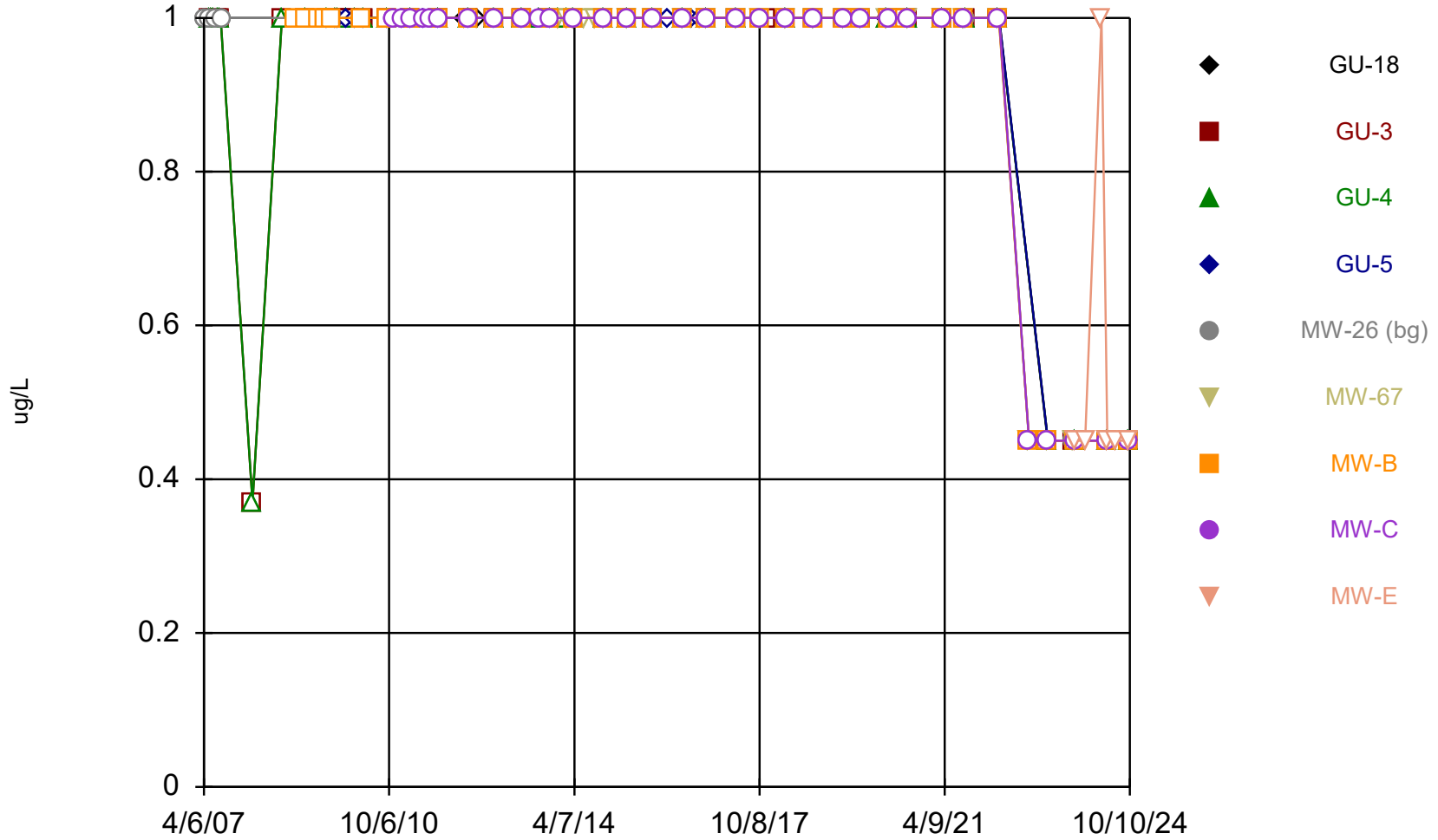
Constituent: 1,1,1-Trichloroethane Analysis Run 12/3/2024 5:03 PM View: Phase II - Appendix I VOCs
Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE PII PRIME flat

Time Series



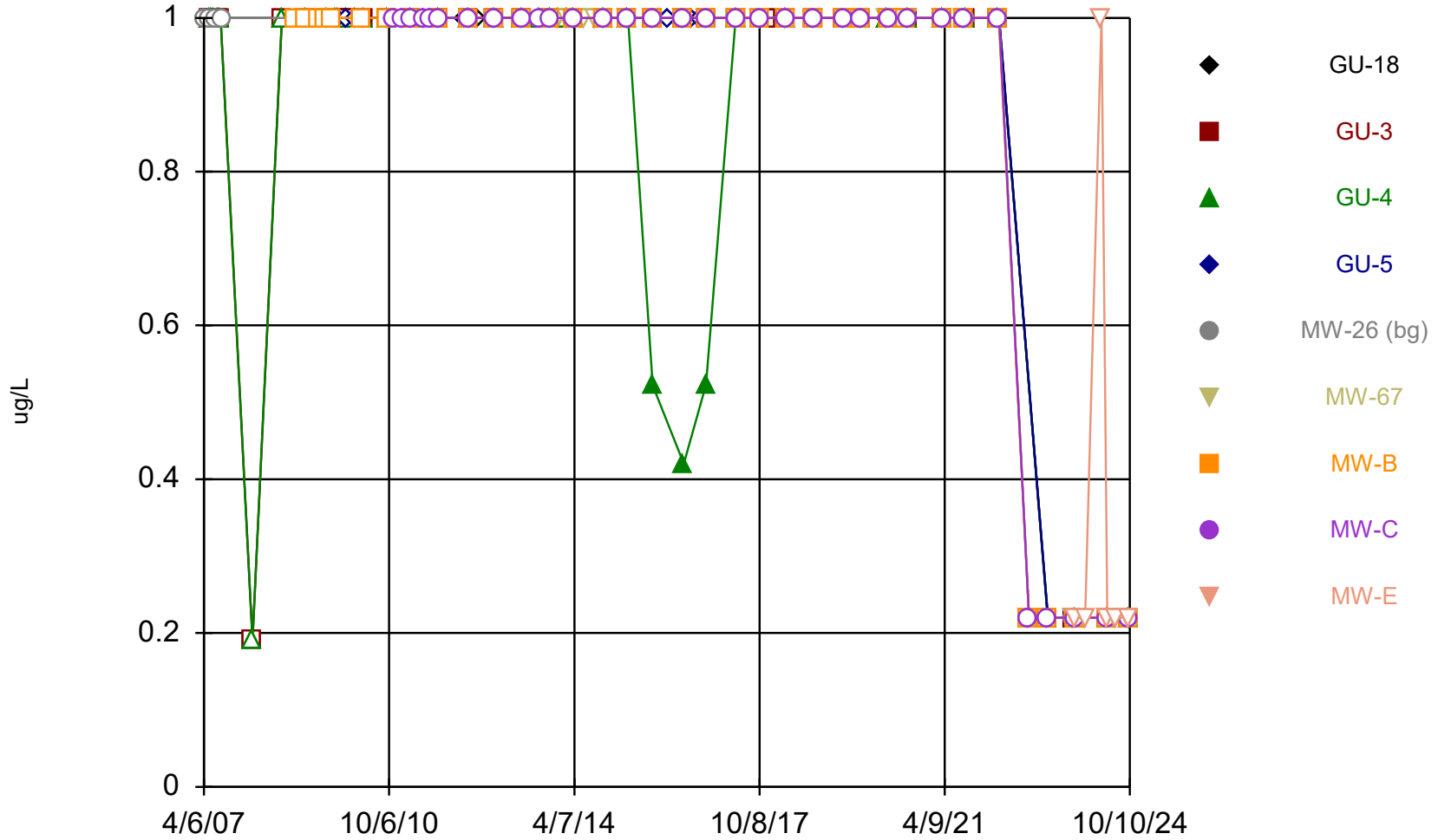
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Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE PII PRIME flat

Time Series



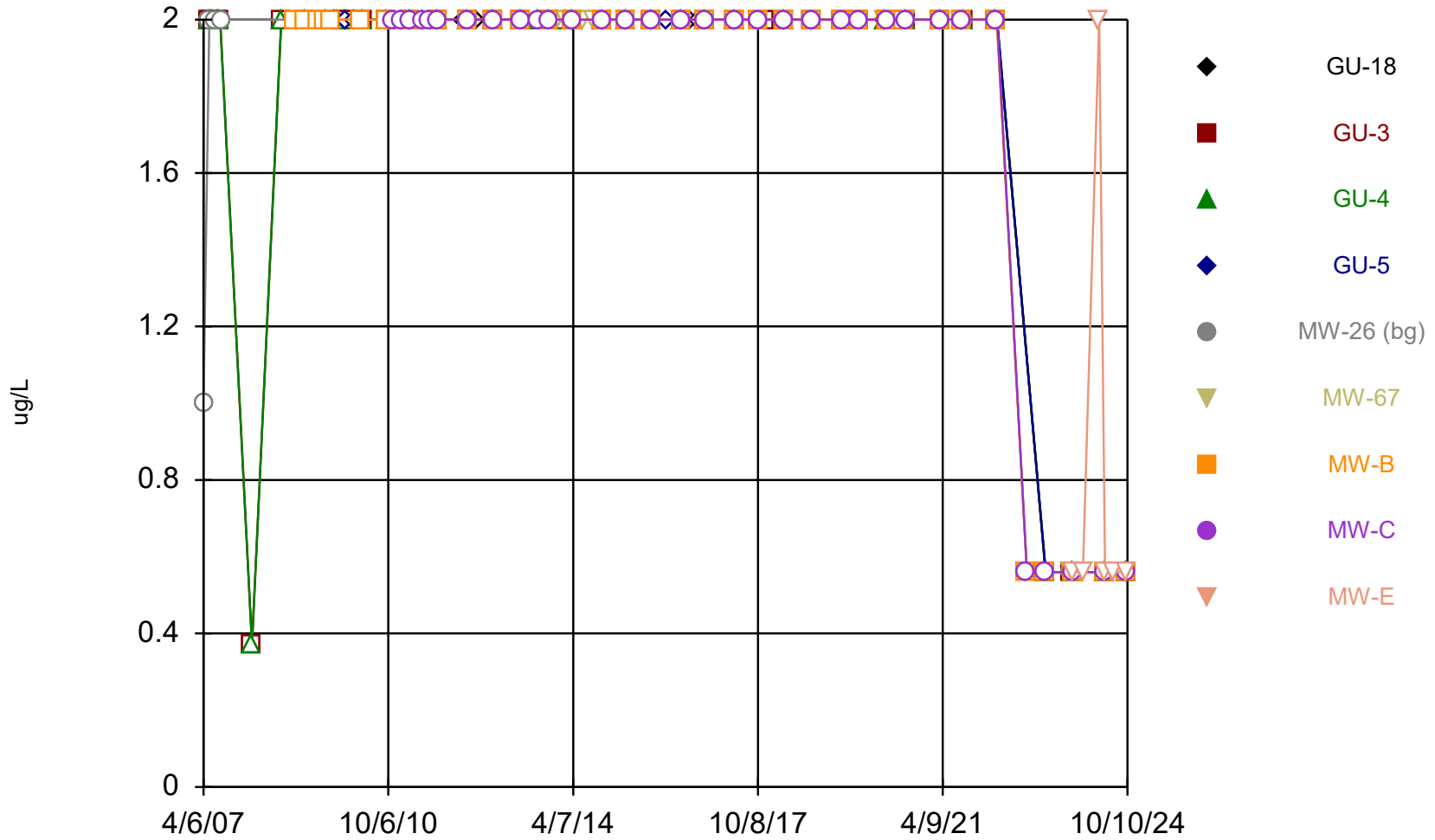
Constituent: 1,1,2-Trichloroethane Analysis Run 12/3/2024 5:03 PM View: Phase II - Appendix I VOCs
Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE PII PRIME flat

Time Series



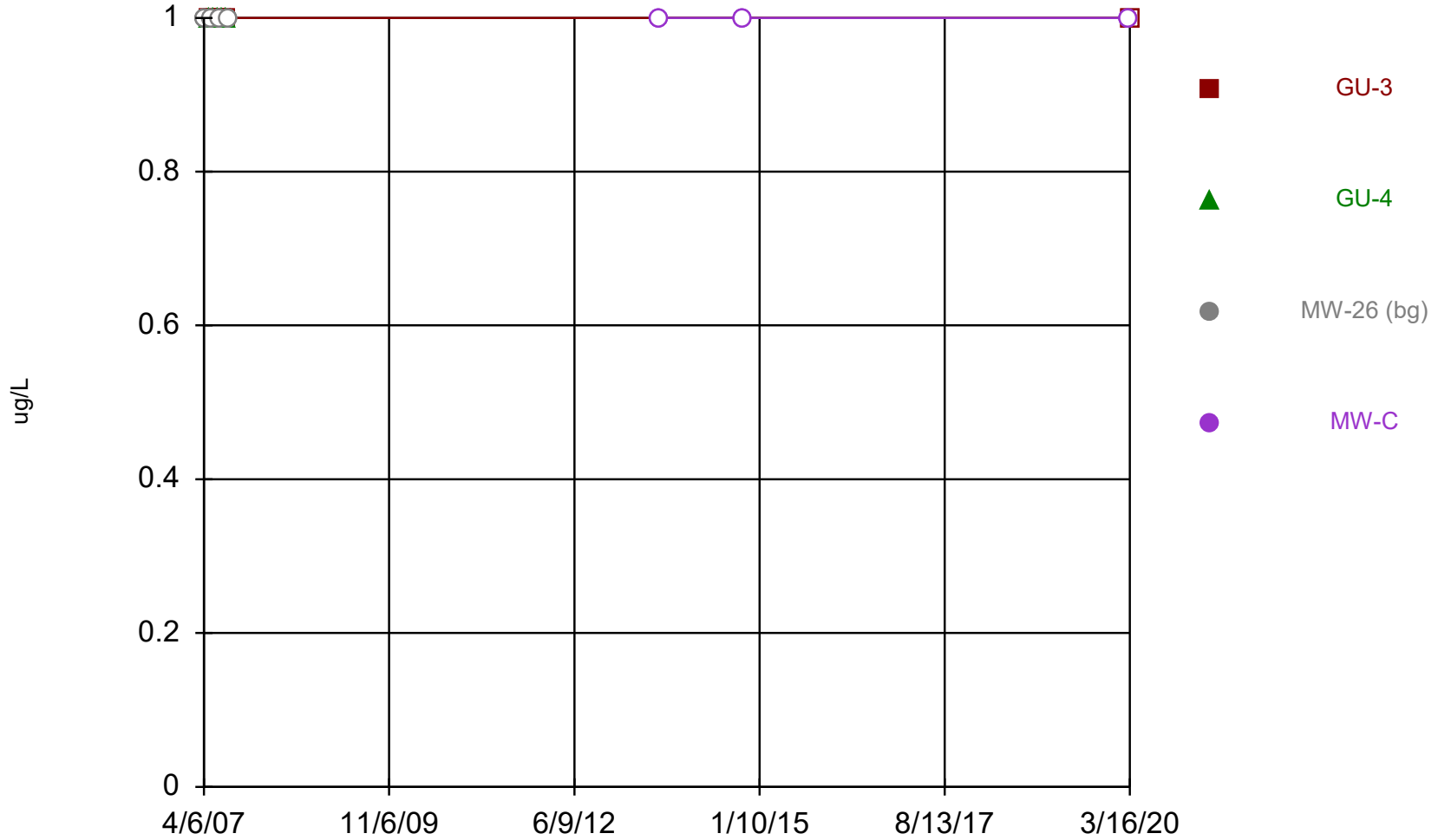
Constituent: 1,1-Dichloroethane Analysis Run 12/3/2024 5:03 PM View: Phase II - Appendix I VOCs
Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE PII PRIME flat

Time Series



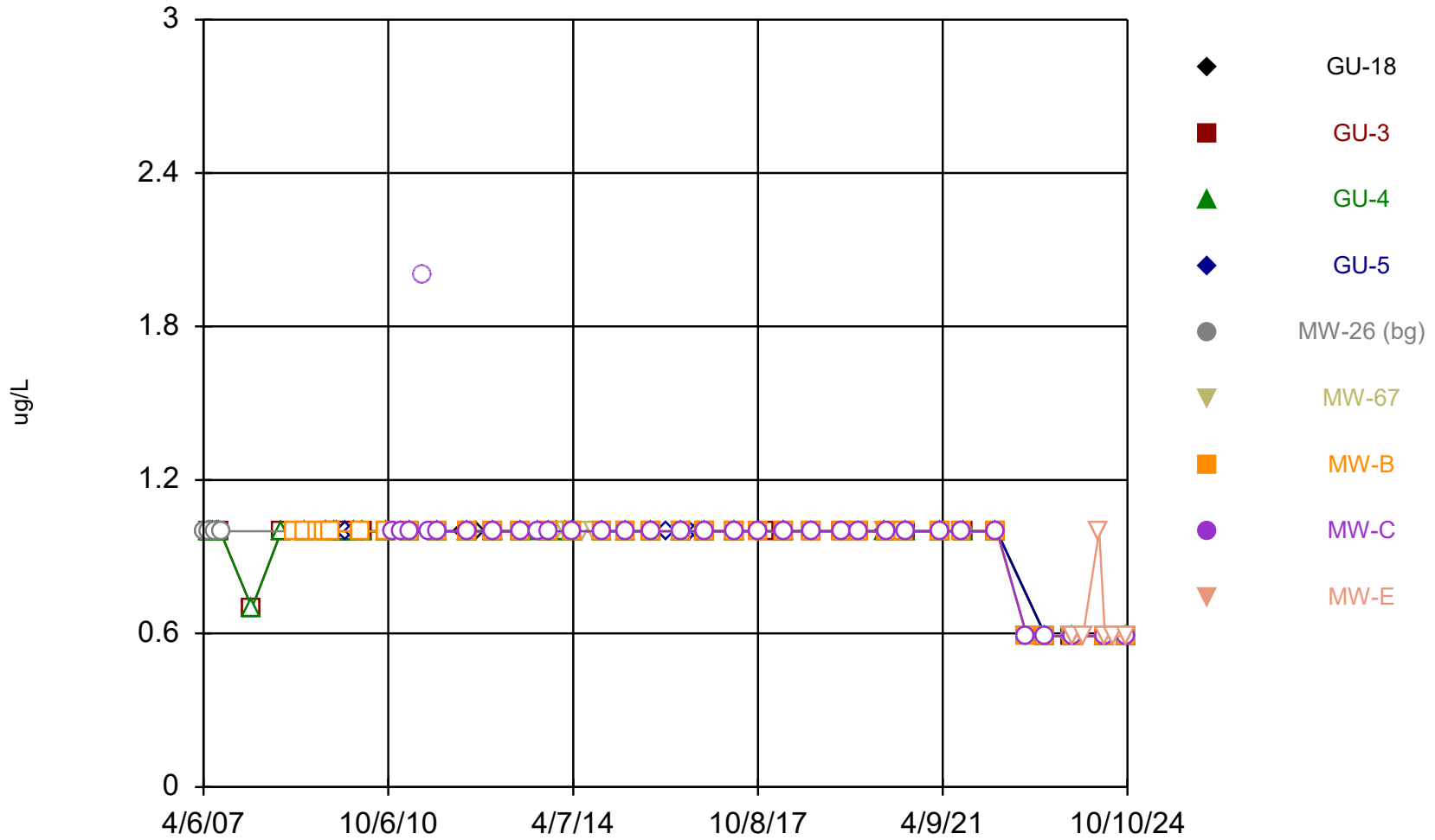
Constituent: 1,1-Dichloroethene Analysis Run 12/3/2024 5:03 PM View: Phase II - Appendix I VOCs
Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE PII PRIME flat

Time Series



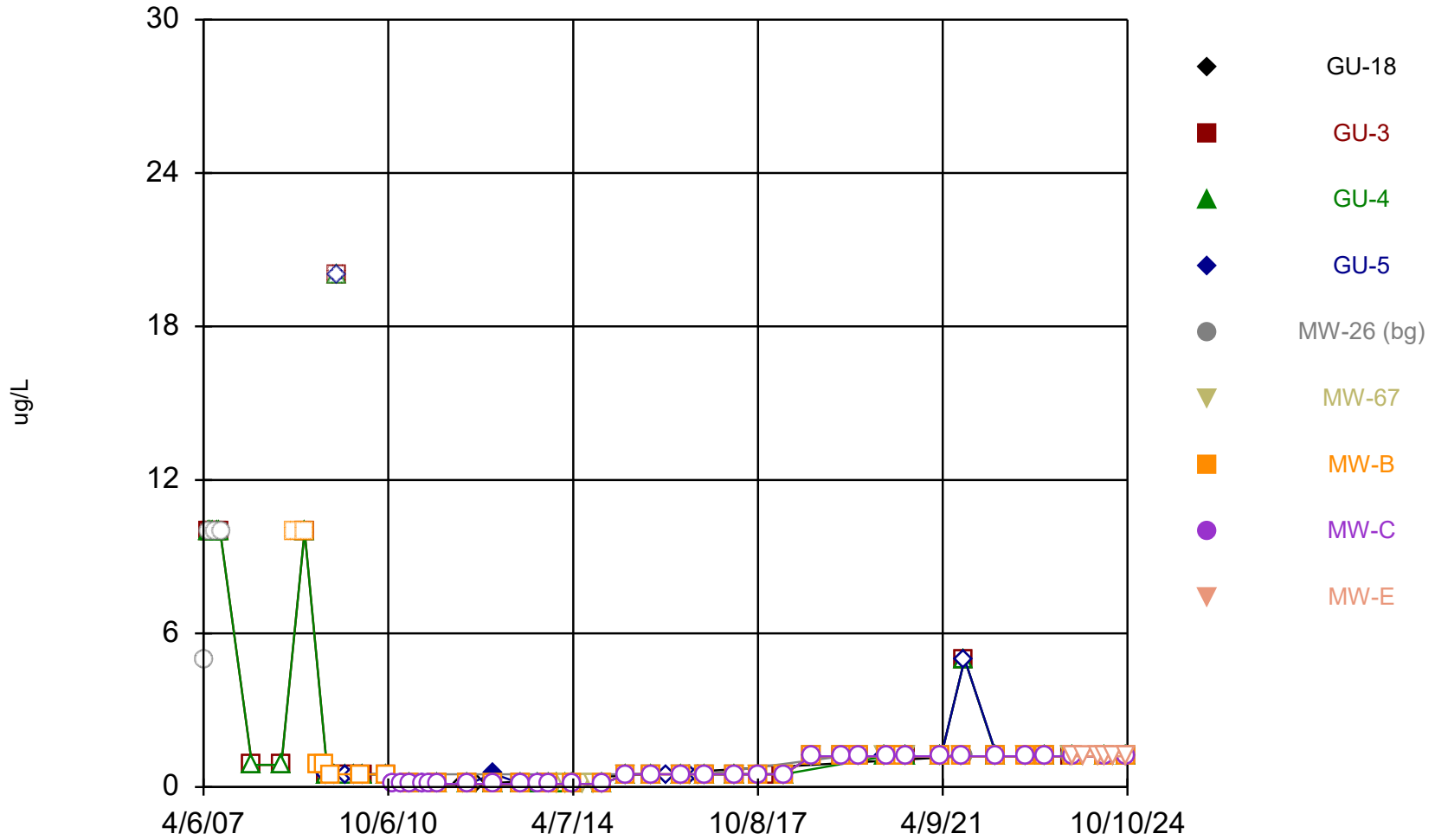
Constituent: 1,1-Dichloropropene Analysis Run 12/3/2024 5:03 PM View: Phase II - Appendix I VOCs
Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE PII PRIME flat

Time Series



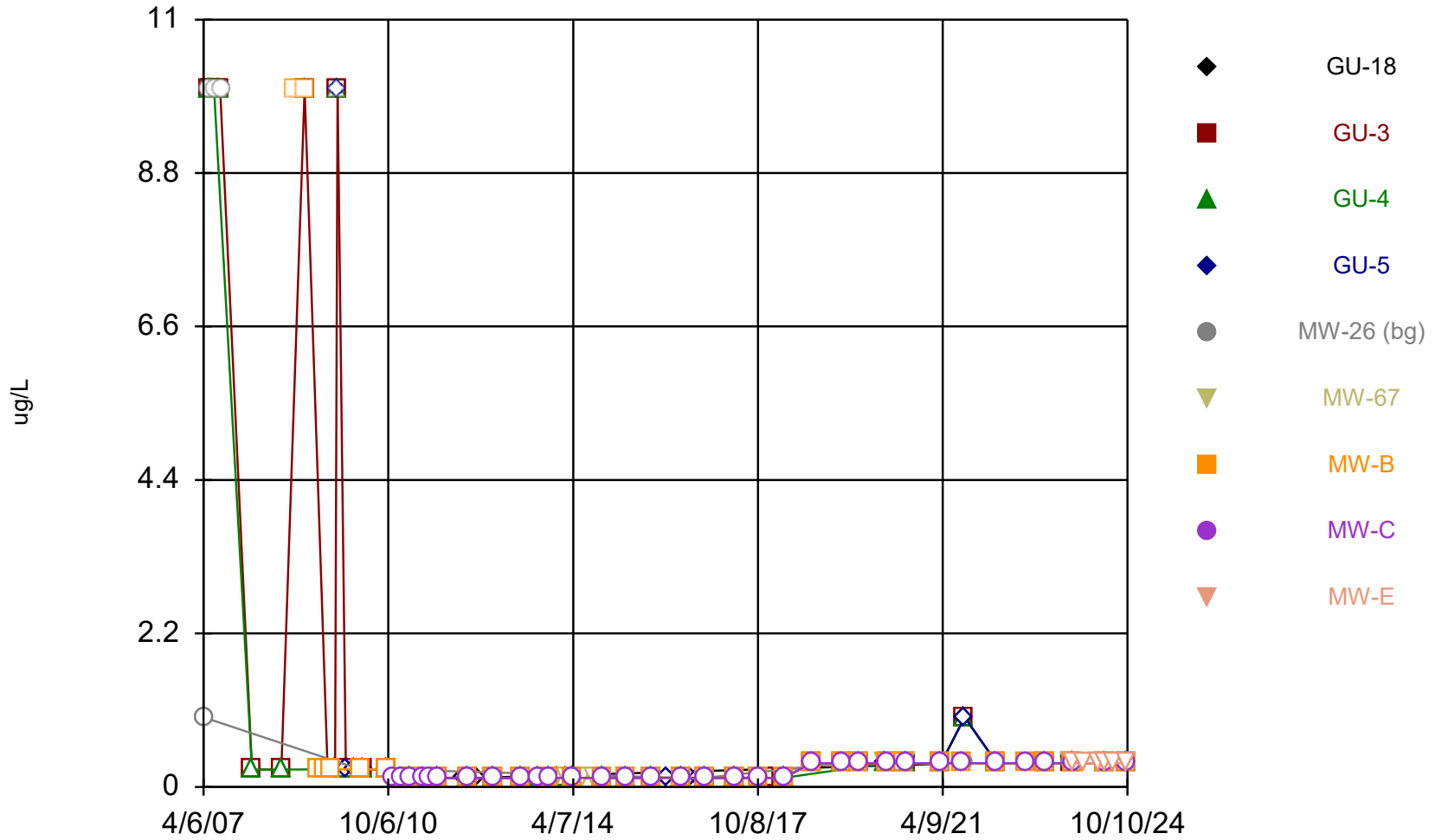
Constituent: 1,2,3-Trichloropropane Analysis Run 12/3/2024 5:03 PM View: Phase II - Appendix I VOCs
Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE PII PRIME flat

Time Series



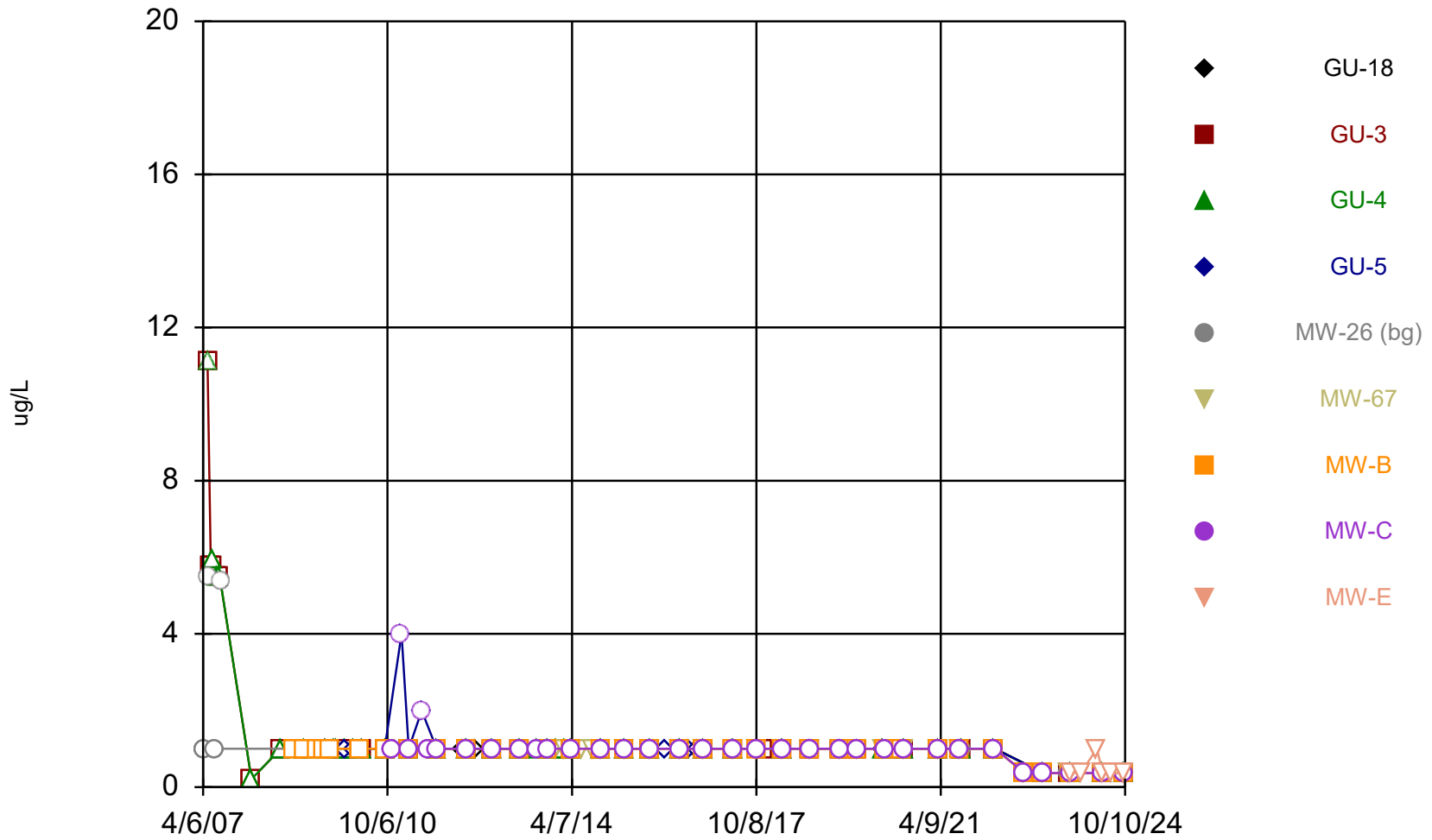
Constituent: 1,2-Dibromo-3-chloropropane Analysis Run 12/3/2024 5:03 PM View: Phase II - Appendix I V
Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE PII PRIME flat

Time Series



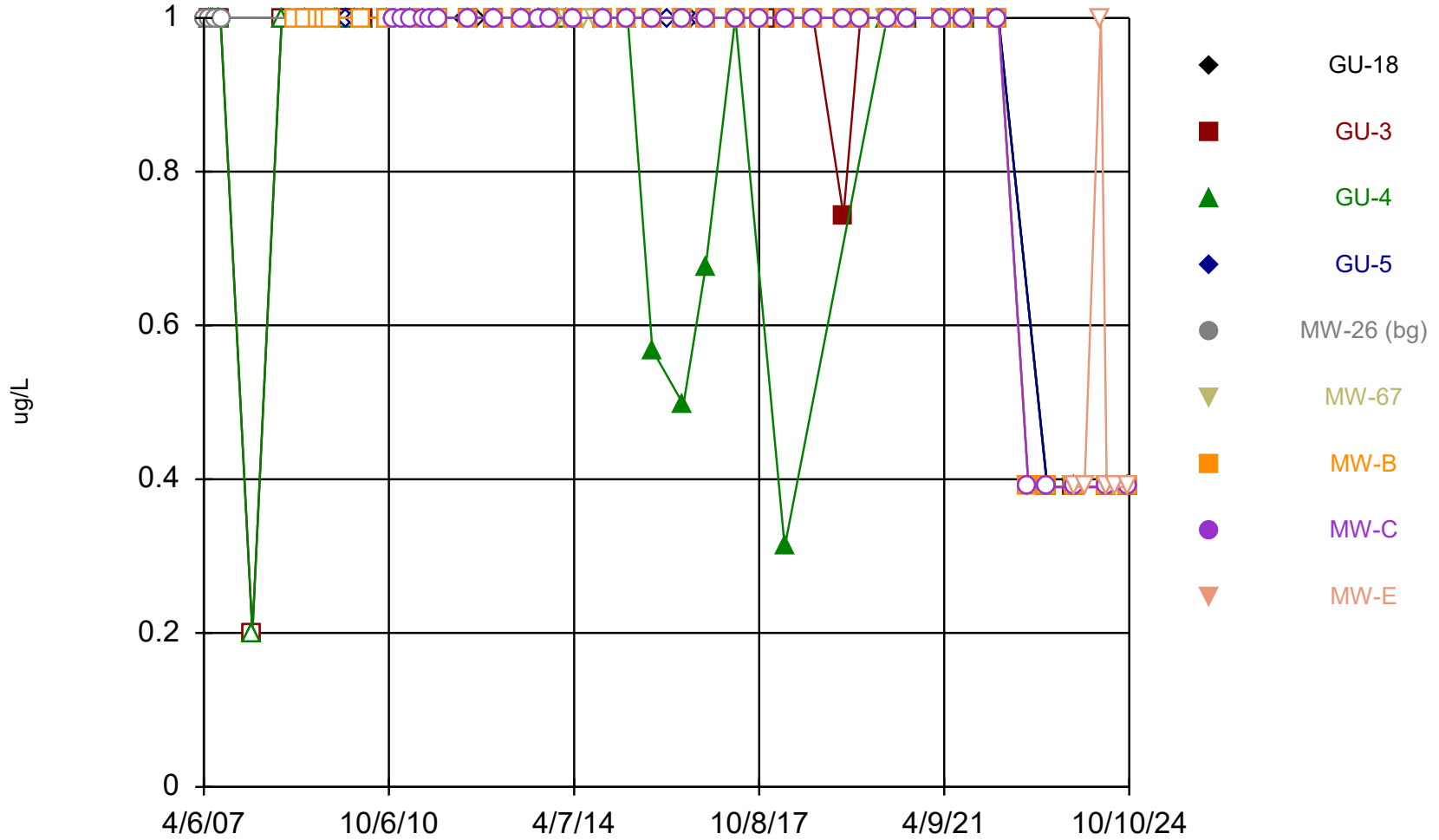
Constituent: 1,2-Dibromoethane [EDB] Analysis Run 12/3/2024 5:03 PM View: Phase II - Appendix I VOC
Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE PII PRIME flat

Time Series



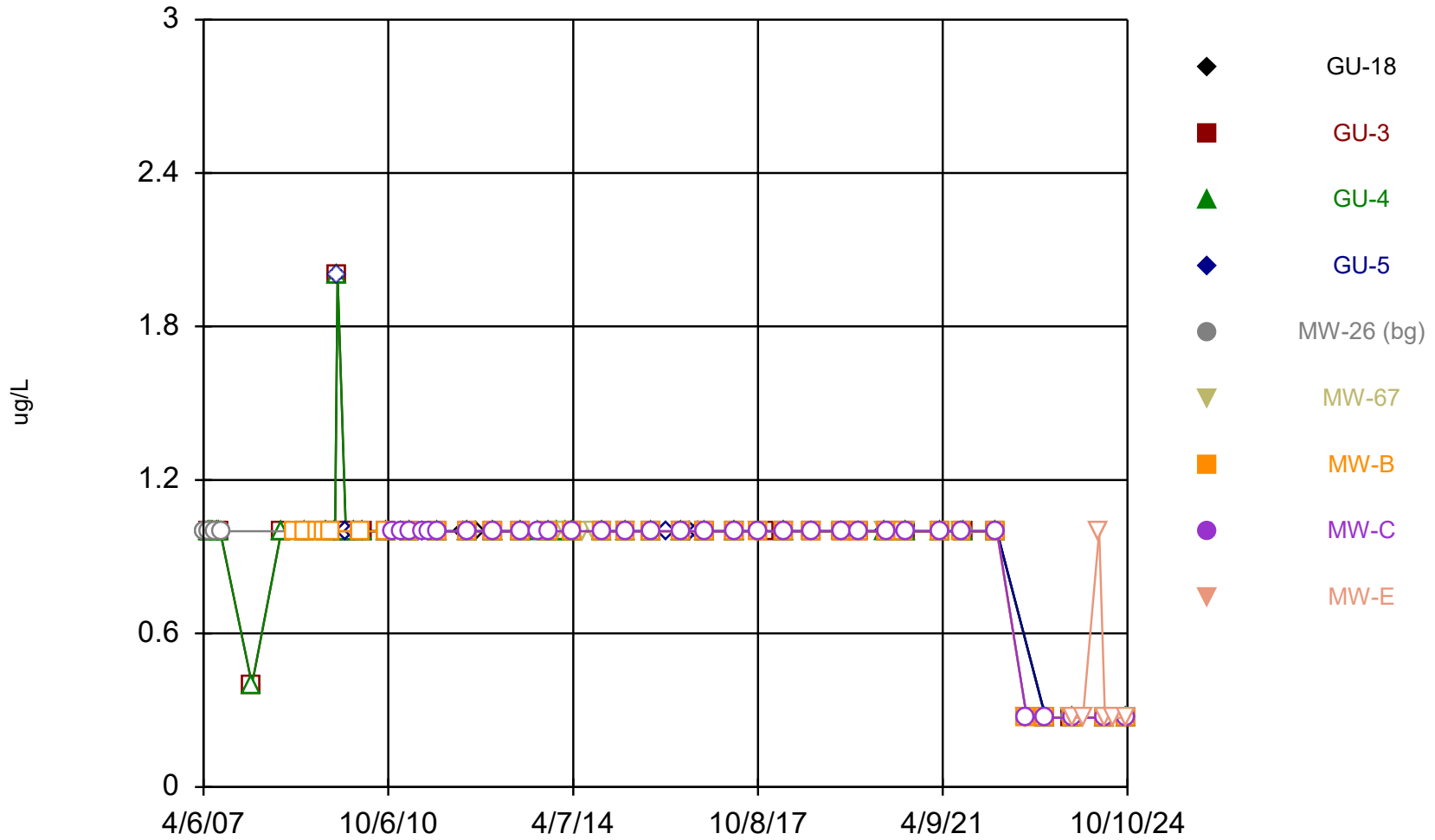
Constituent: 1,2-Dichlorobenzene Analysis Run 12/3/2024 5:03 PM View: Phase II - Appendix I VOCs
Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE PII PRIME flat

Time Series



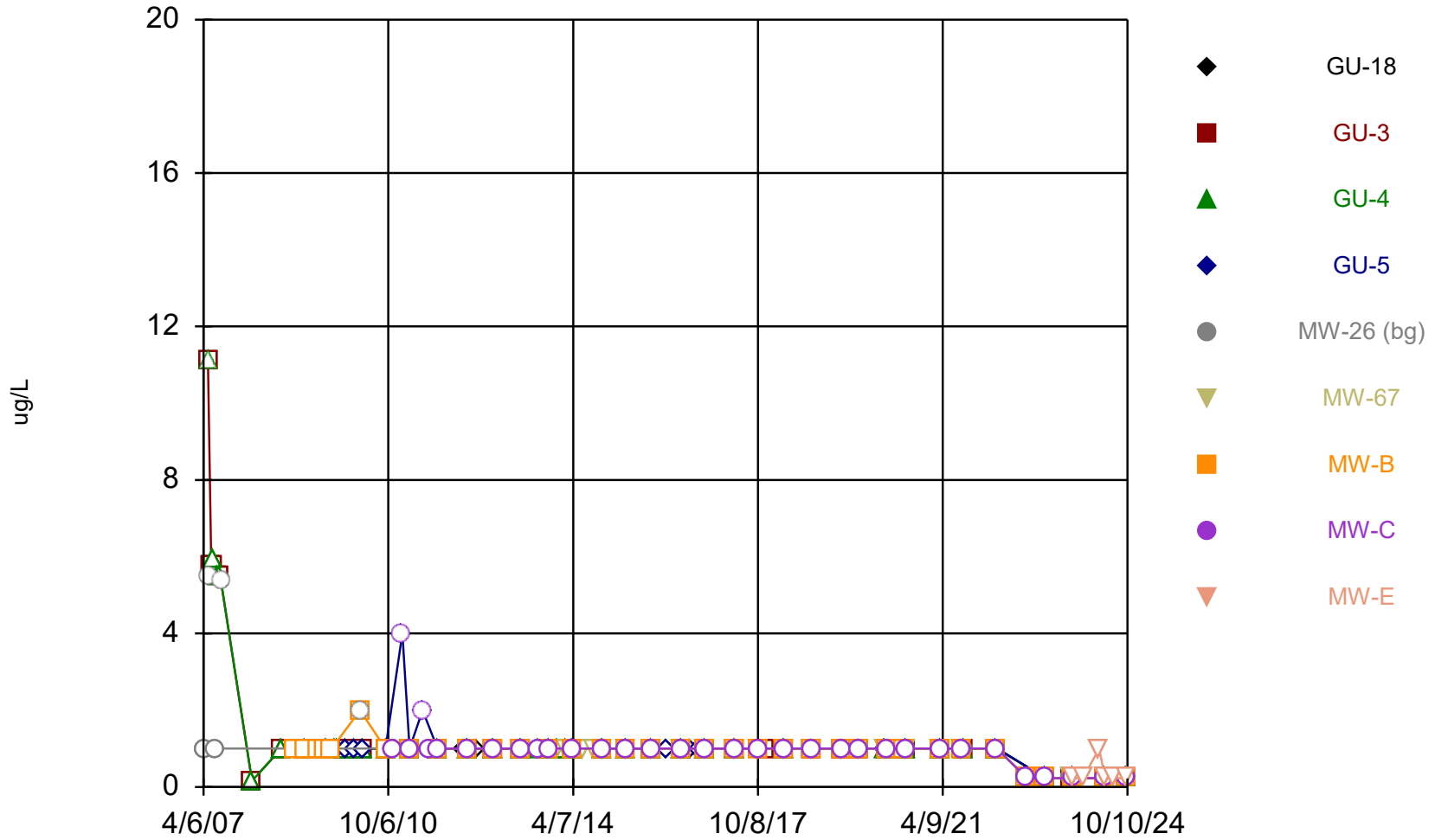
Constituent: 1,2-Dichloroethane Analysis Run 12/3/2024 5:03 PM View: Phase II - Appendix I VOCs
Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE PII PRIME flat

Time Series



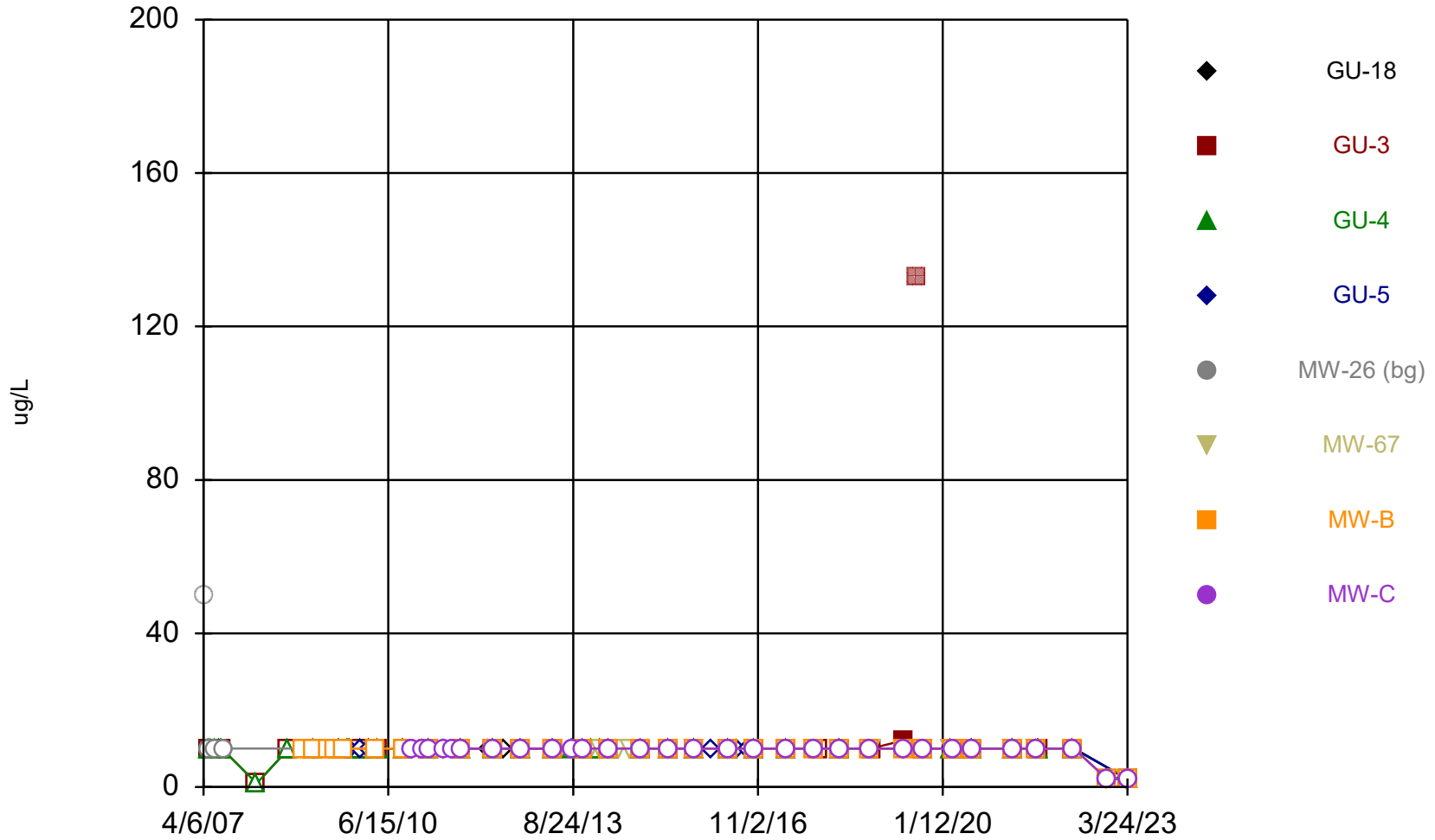
Constituent: 1,2-Dichloropropane Analysis Run 12/3/2024 5:03 PM View: Phase II - Appendix I VOCs
Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE PII PRIME flat

Time Series



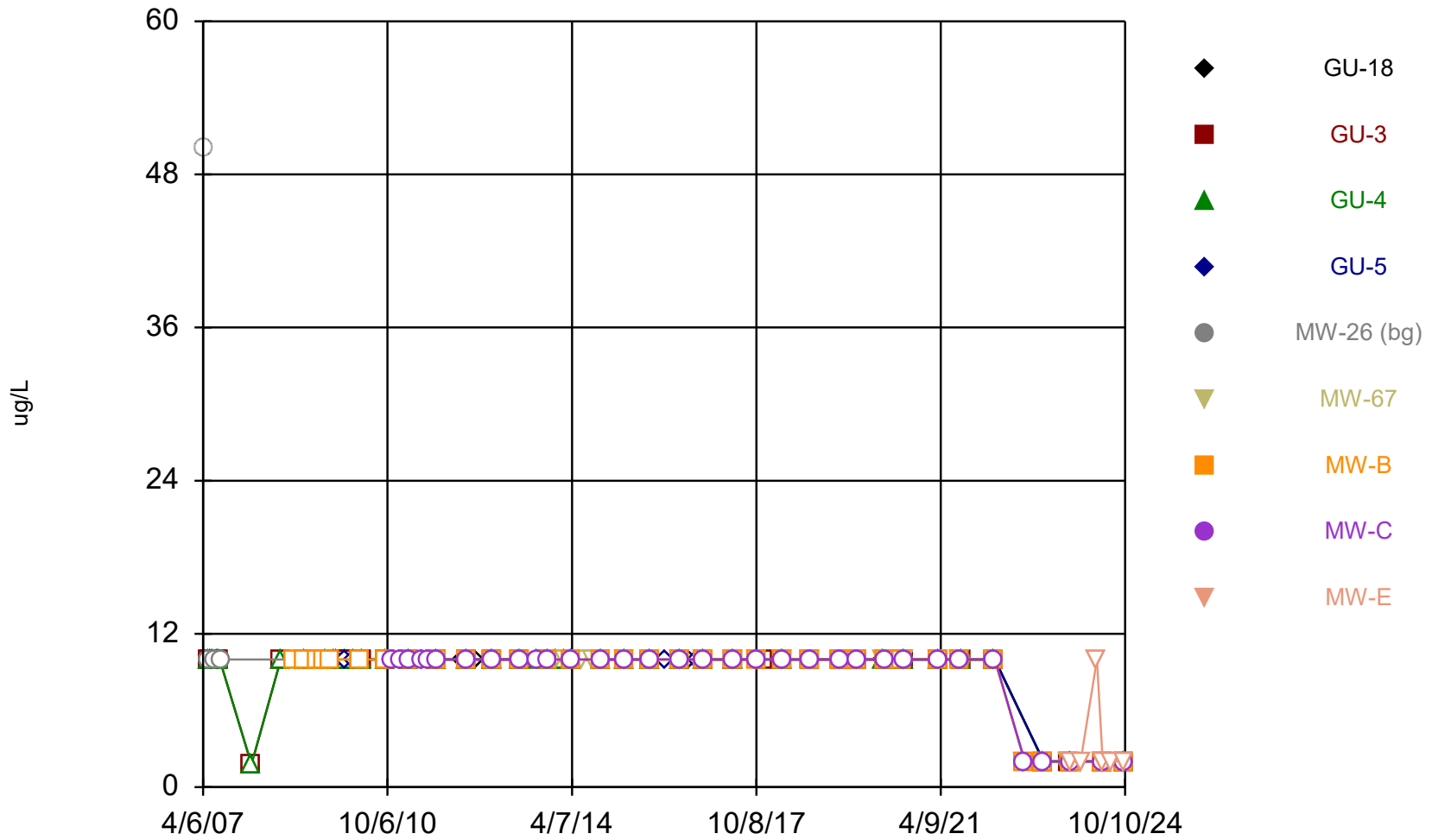
Constituent: 1,4-Dichlorobenzene Analysis Run 12/3/2024 5:03 PM View: Phase II - Appendix I VOCs
Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE PII PRIME flat

Time Series



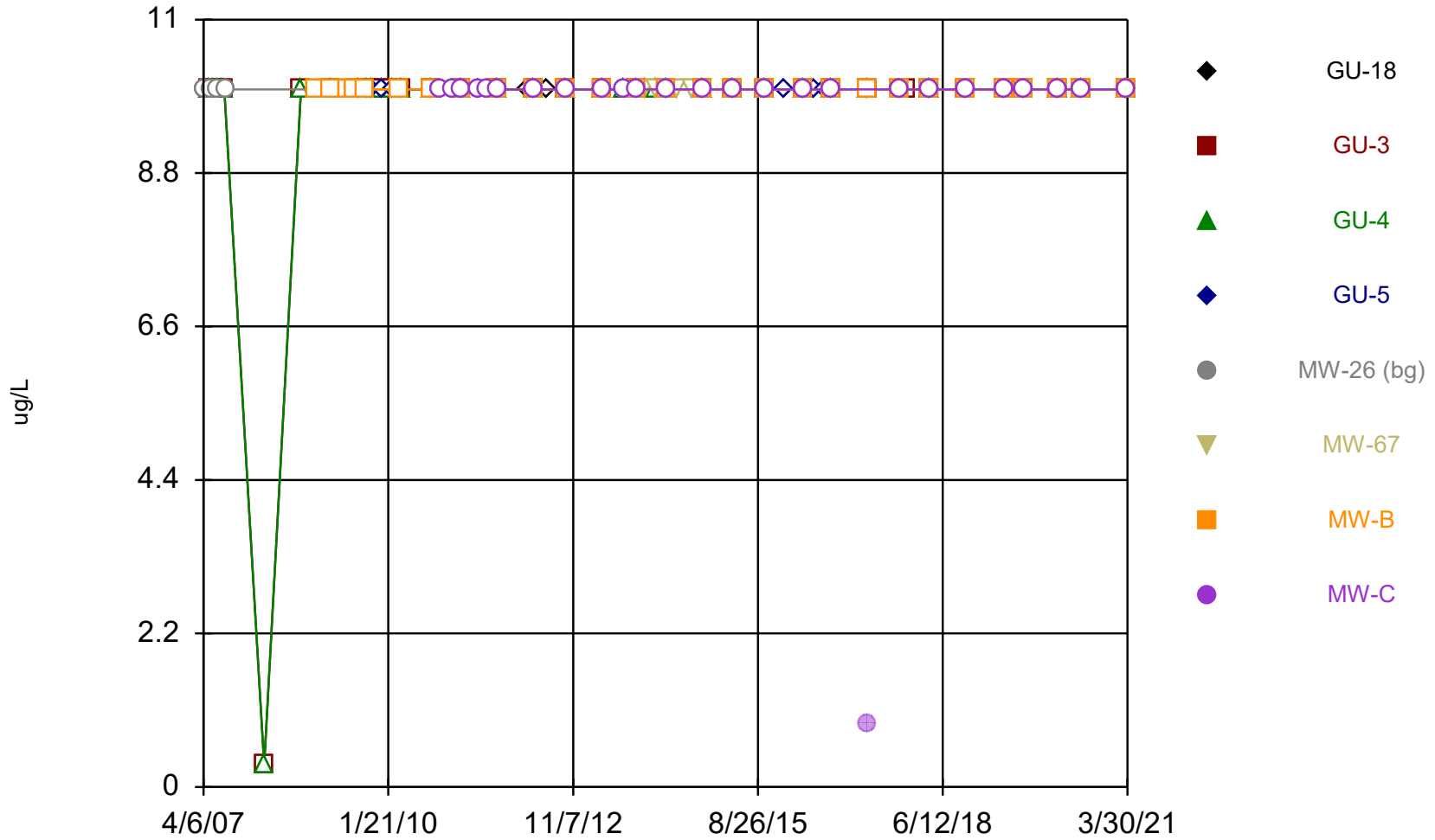
Constituent: 2-Butanone [MEK] Analysis Run 12/3/2024 5:03 PM View: Phase II - Appendix I VOCs
Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE PII PRIME flat

Time Series



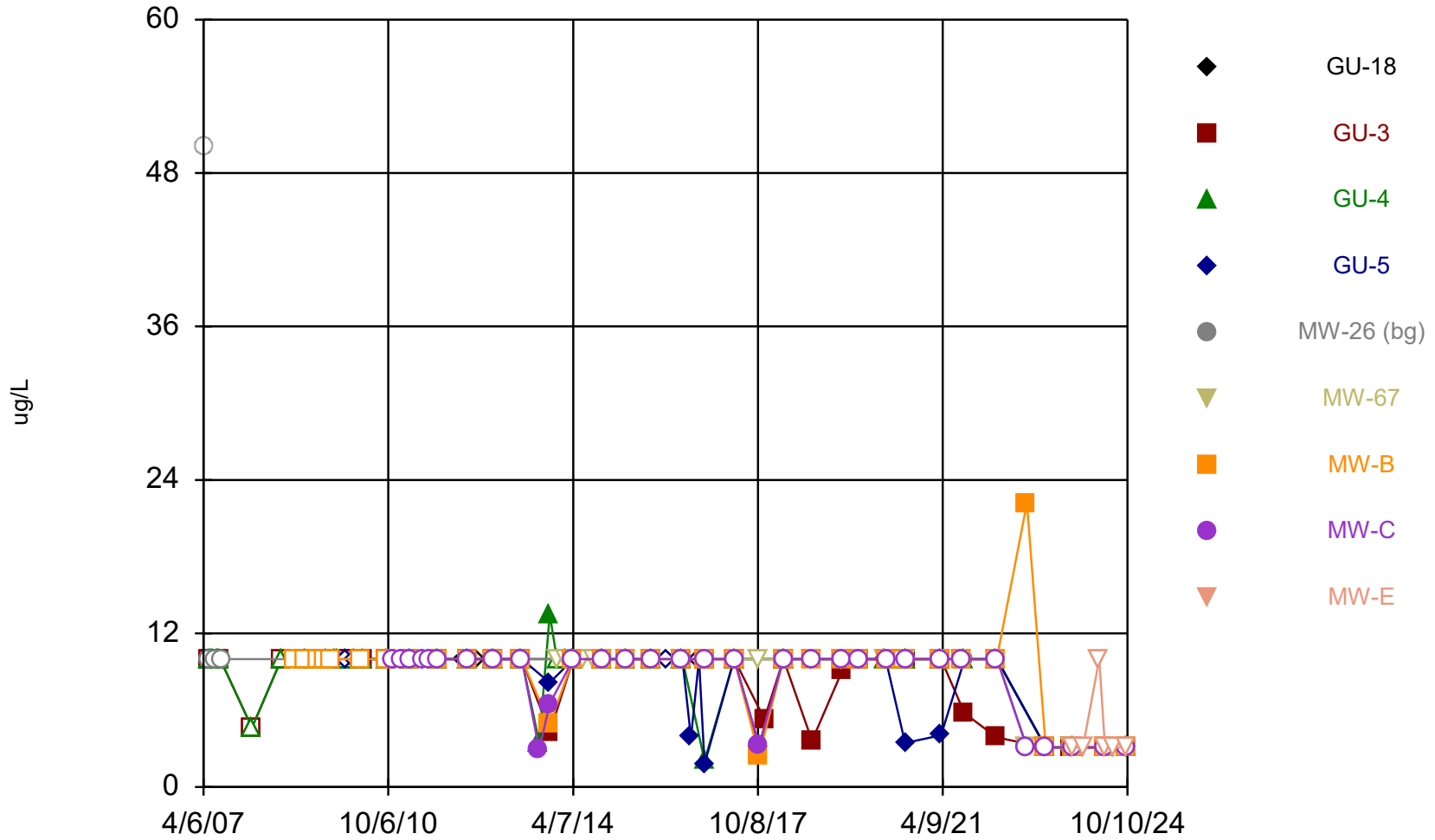
Constituent: 2-Hexanone Analysis Run 12/3/2024 5:04 PM View: Phase II - Appendix I VOCs
Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE PII PRIME flat

Time Series



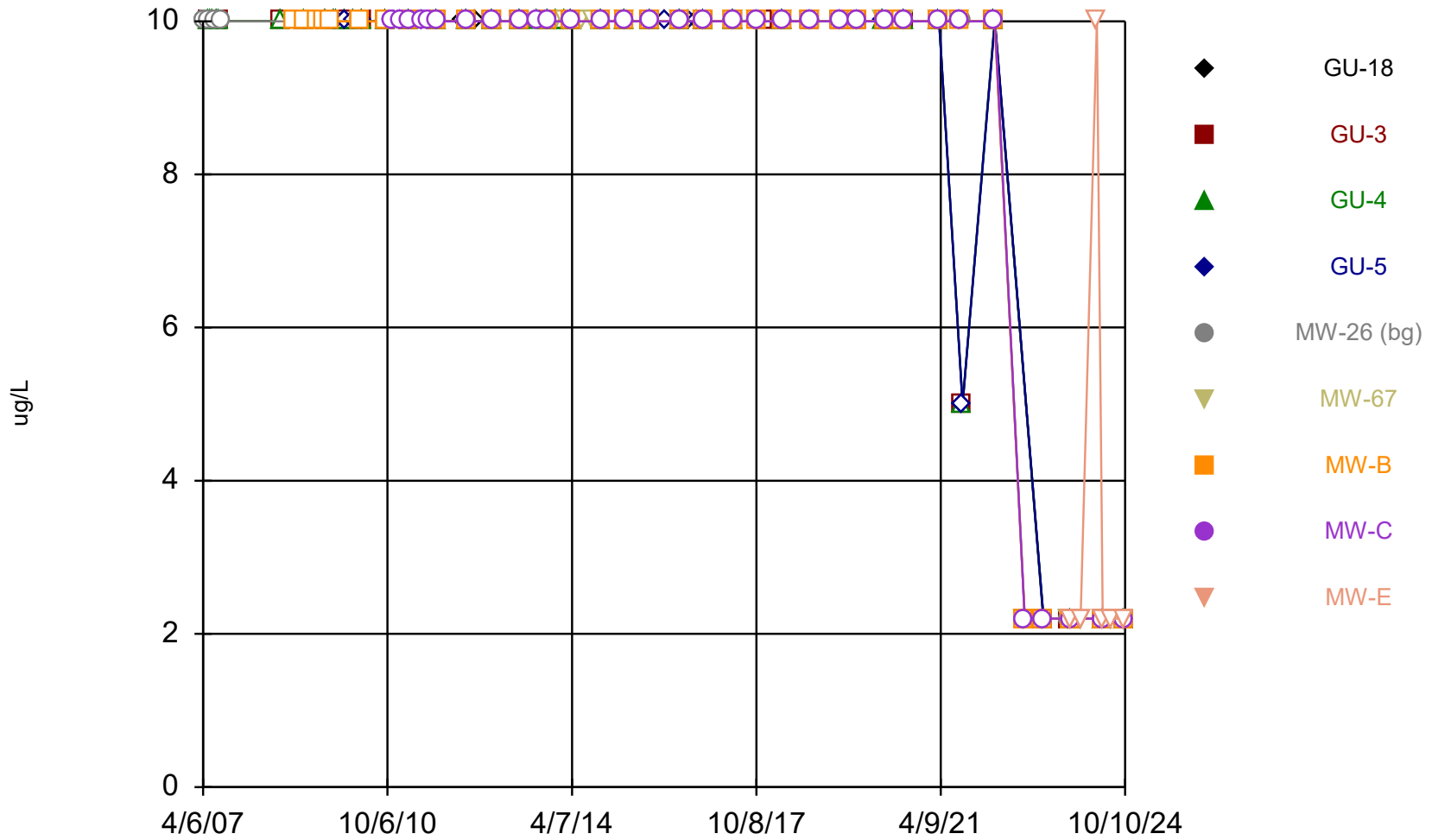
Constituent: 4-Methyl-2-pentanone [MIBK] Analysis Run 12/3/2024 5:04 PM View: Phase II - Appendix I V
Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE PII PRIME flat

Time Series



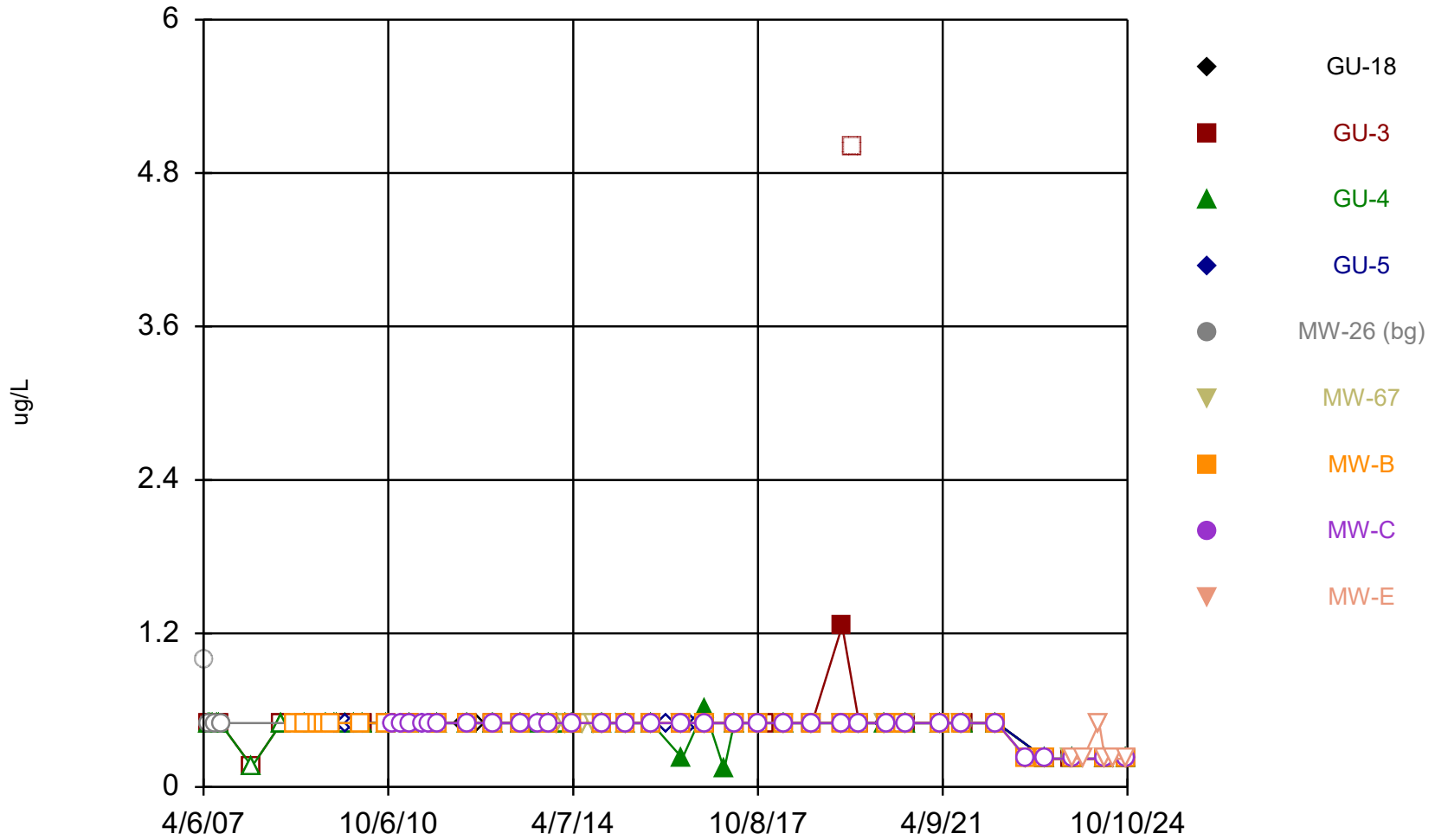
Constituent: Acetone Analysis Run 12/3/2024 5:04 PM View: Phase II - Appendix I VOCs
Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE PII PRIME flat

Time Series



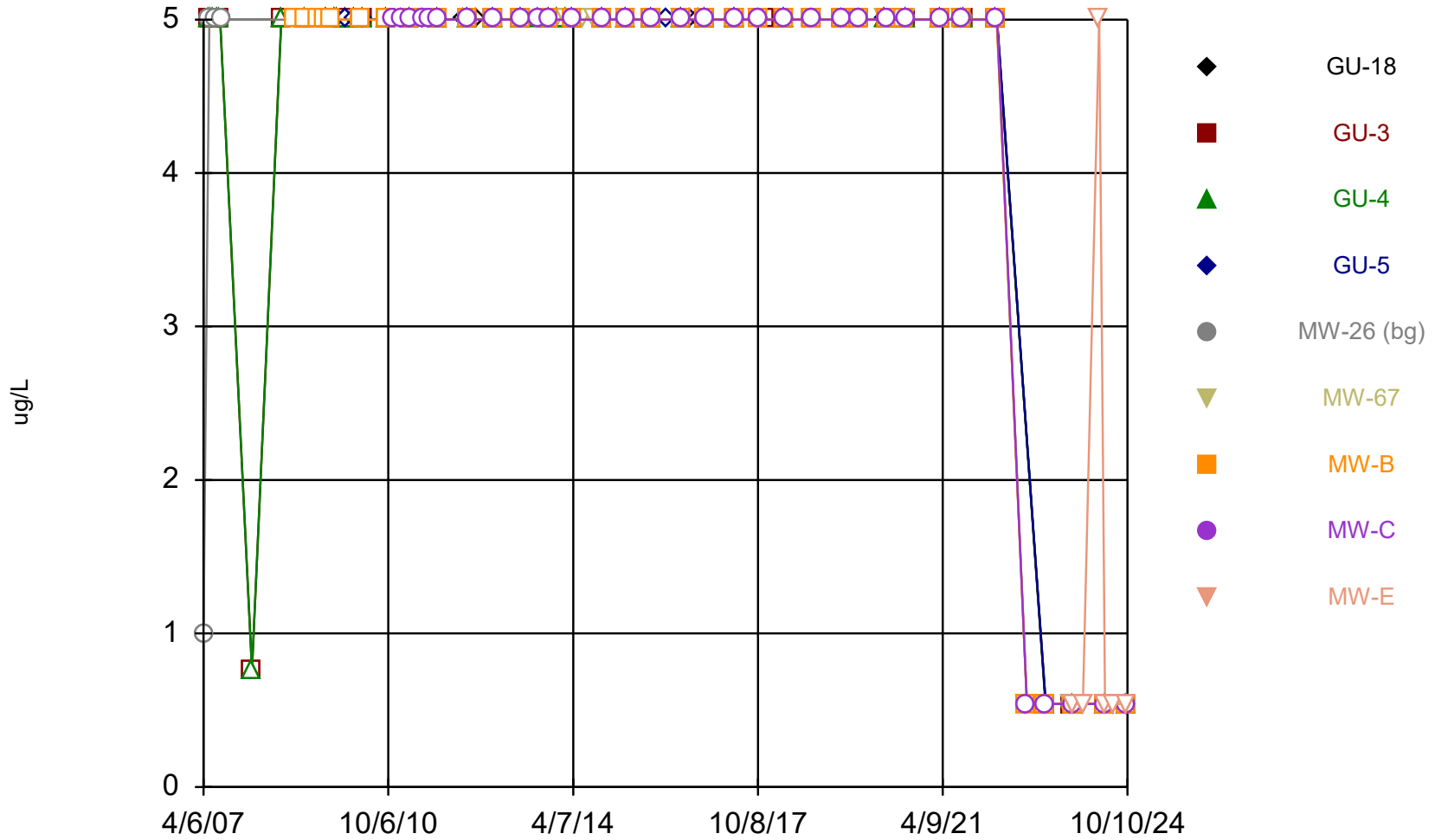
Constituent: Acrylonitrile Analysis Run 12/3/2024 5:04 PM View: Phase II - Appendix I VOCs
Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE PII PRIME flat

Time Series



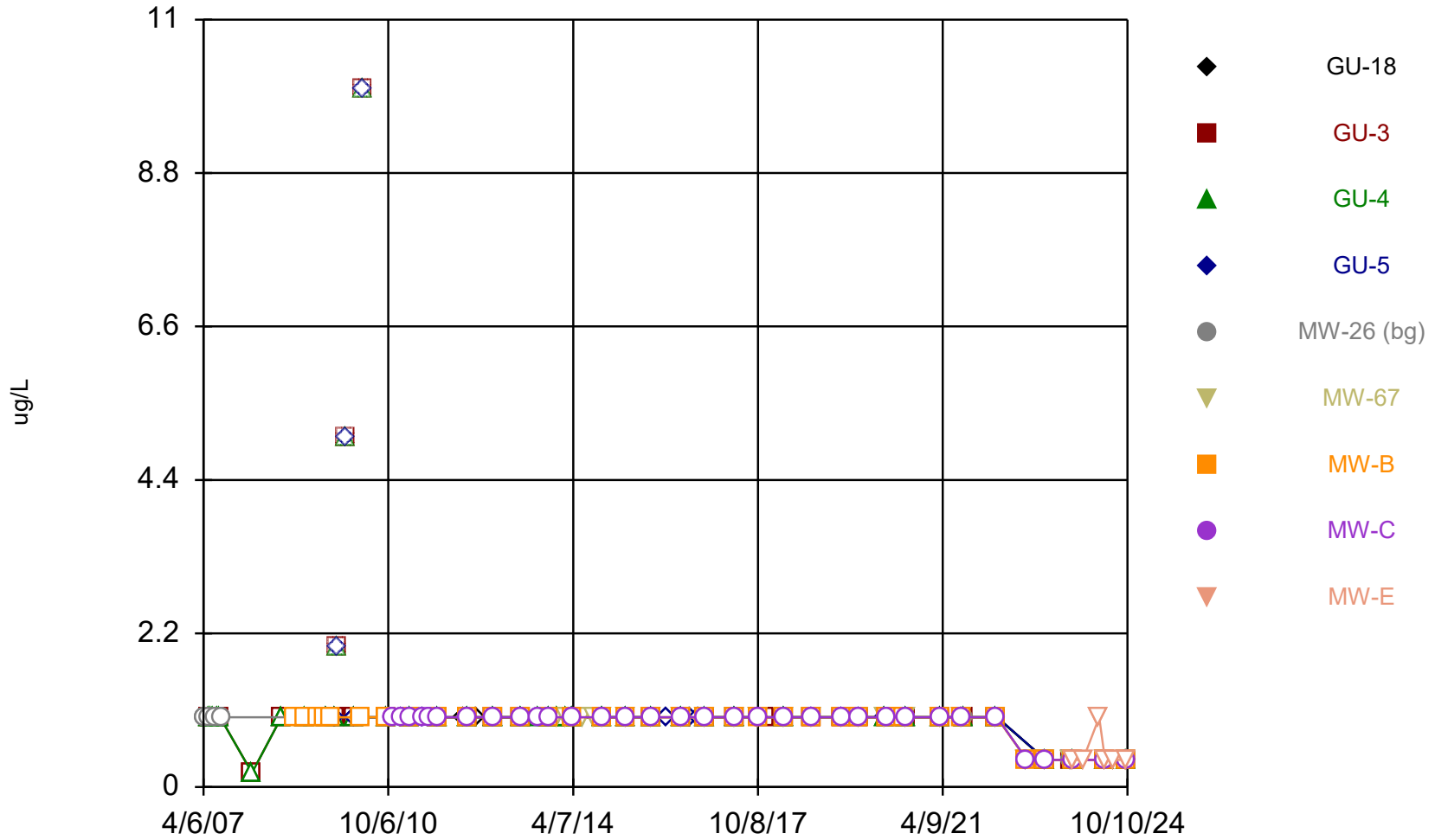
Constituent: Benzene Analysis Run 12/3/2024 5:04 PM View: Phase II - Appendix I VOCs
Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE PII PRIME flat

Time Series



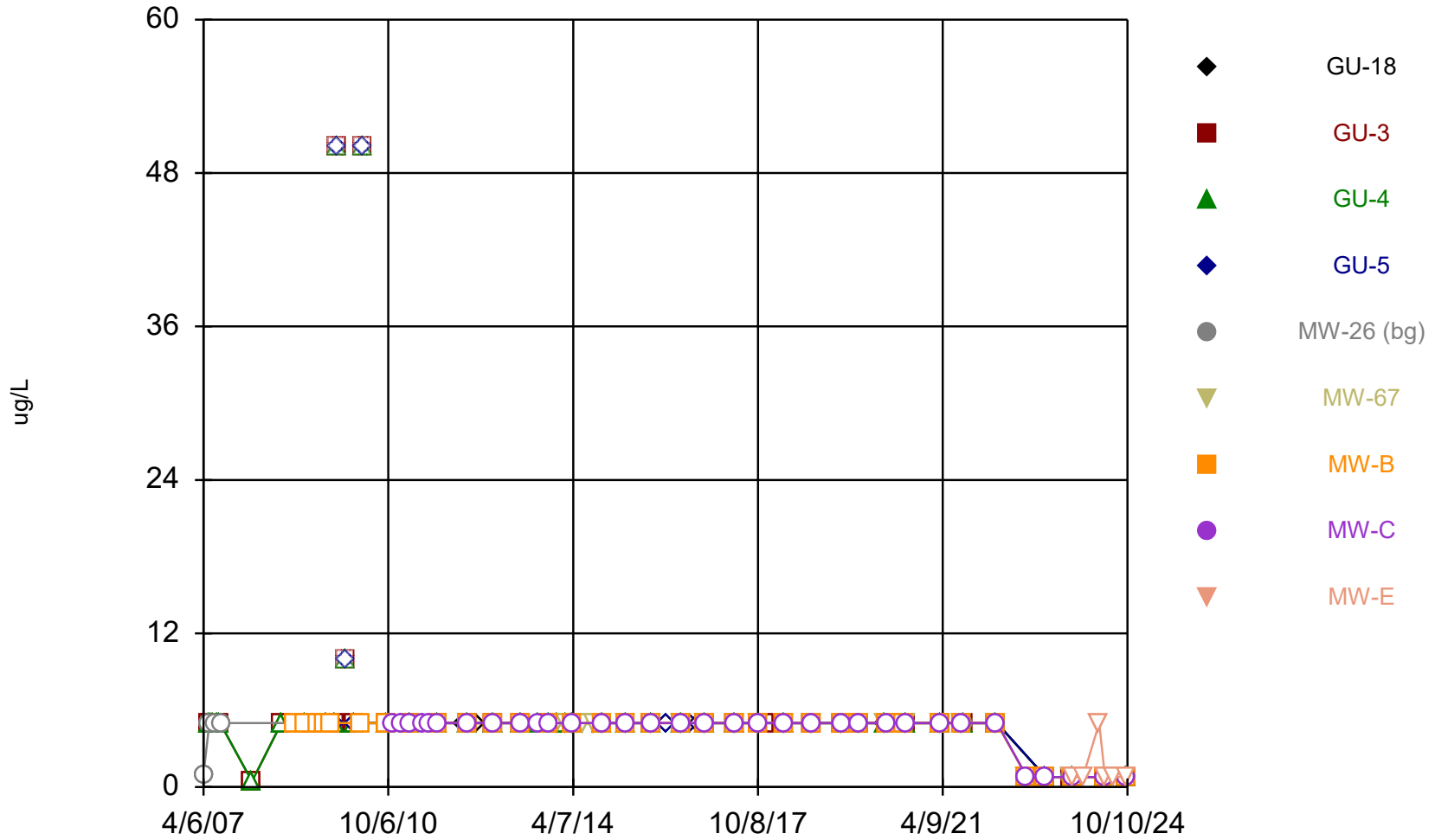
Constituent: Bromochloromethane Analysis Run 12/3/2024 5:04 PM View: Phase II - Appendix I VOCs
Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE PII PRIME flat

Time Series



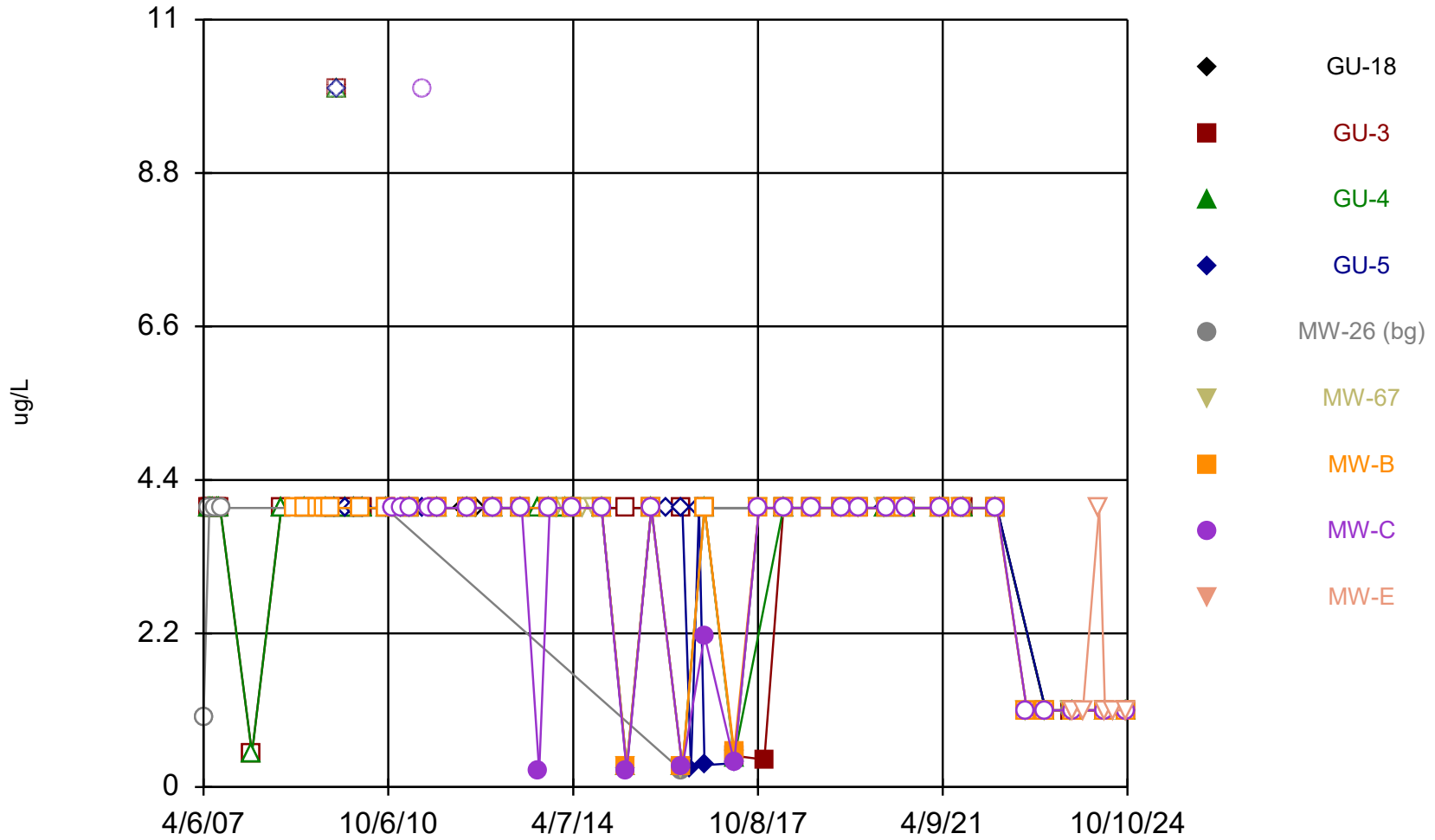
Constituent: Bromodichloromethane Analysis Run 12/3/2024 5:04 PM View: Phase II - Appendix I VOCs
Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE PII PRIME flat

Time Series



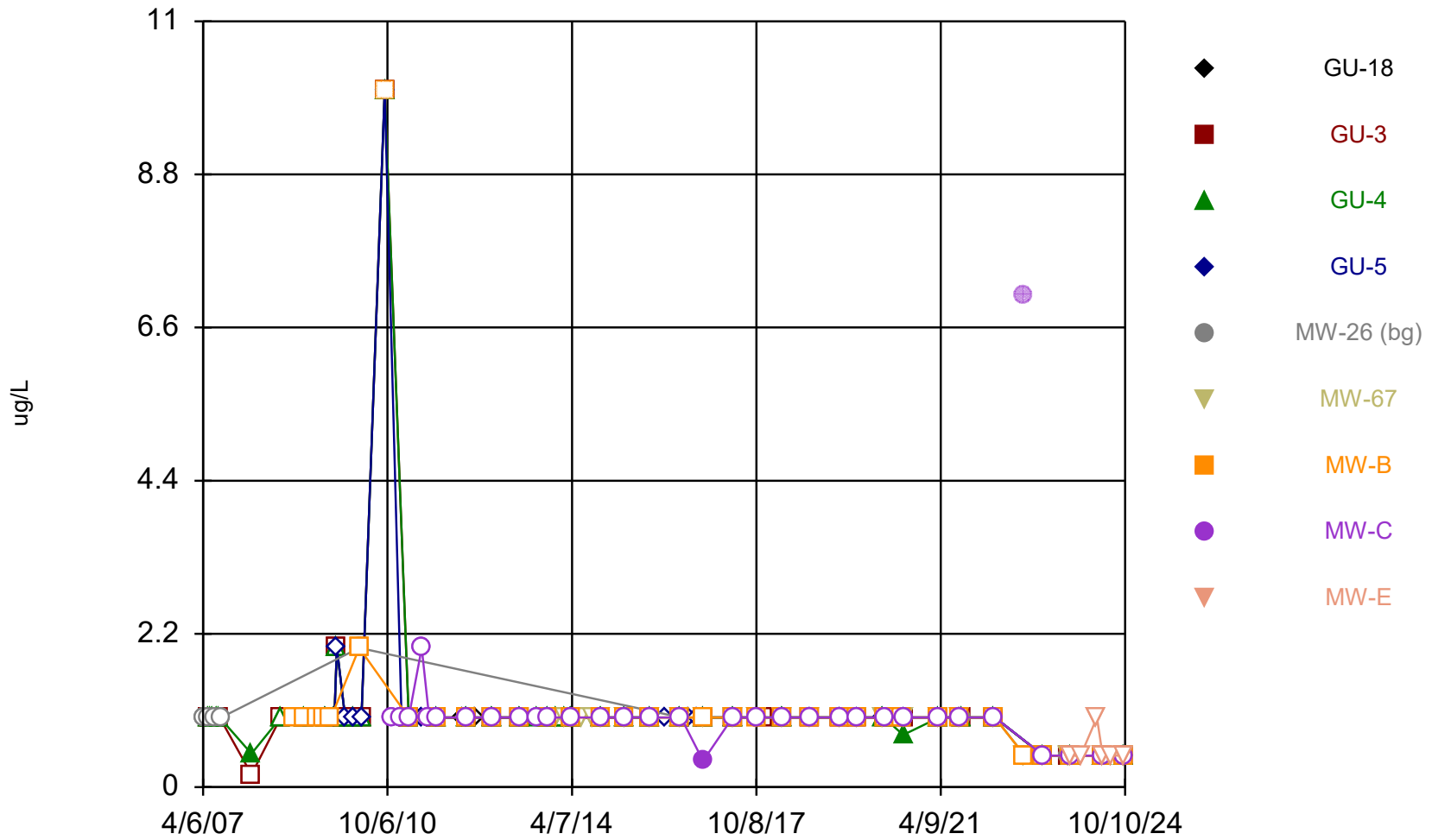
Constituent: Bromoform Analysis Run 12/3/2024 5:04 PM View: Phase II - Appendix I VOCs
Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE PII PRIME flat

Time Series



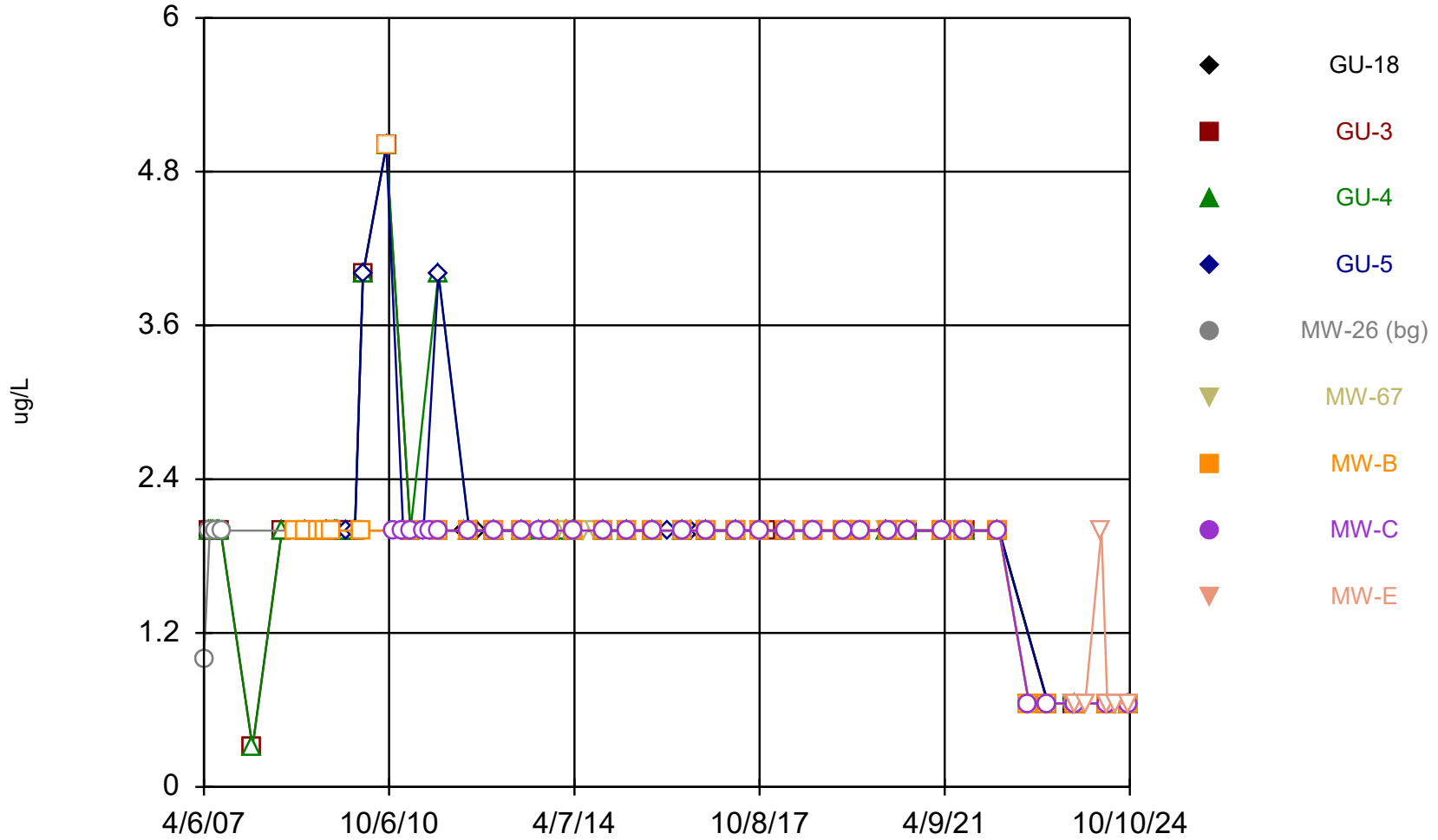
Constituent: Bromomethane Analysis Run 12/3/2024 5:04 PM View: Phase II - Appendix I VOCs
 Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE PII PRIME flat

Time Series



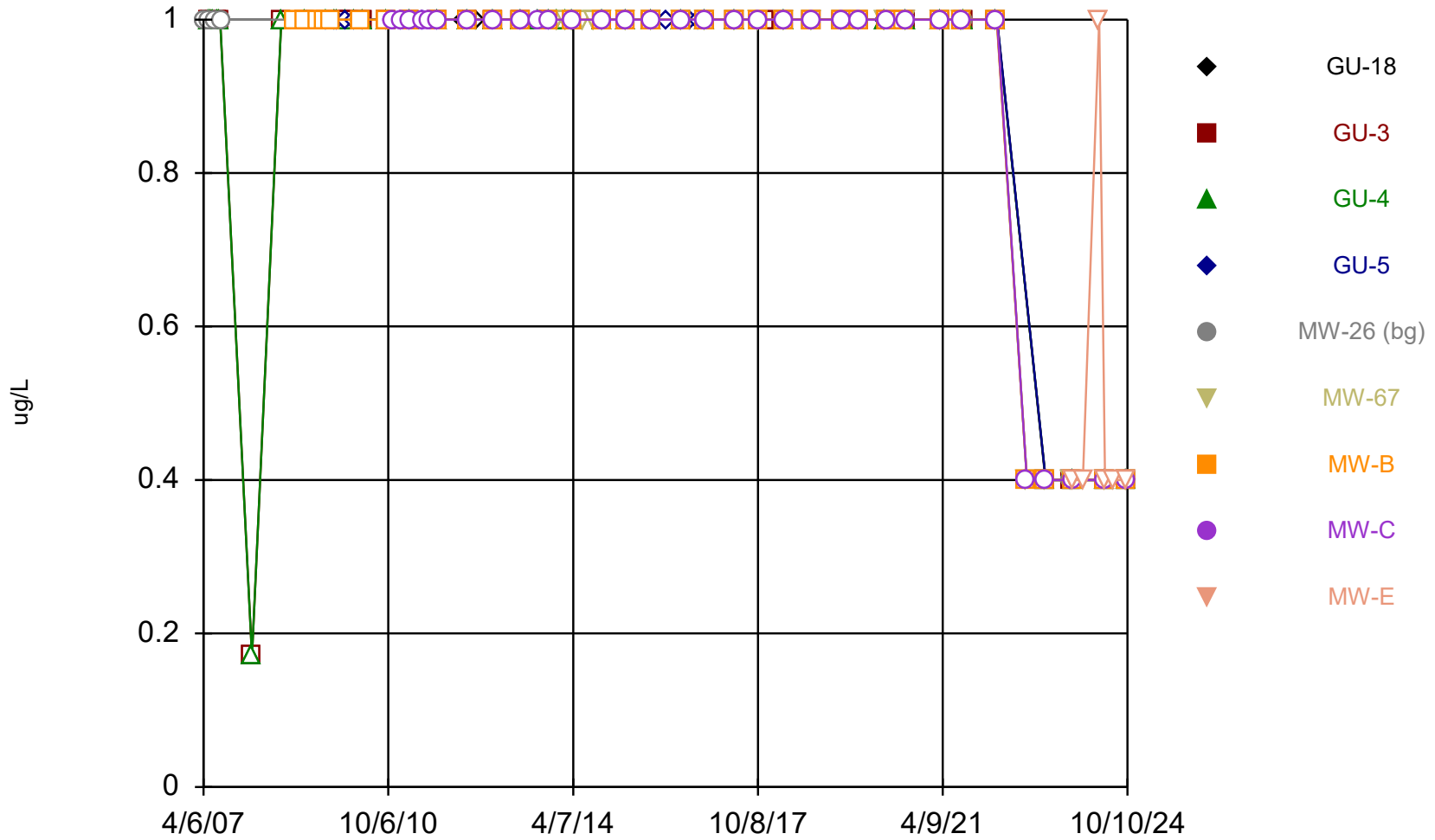
Constituent: Carbon disulfide Analysis Run 12/3/2024 5:04 PM View: Phase II - Appendix I VOCs
Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE PII PRIME flat

Time Series



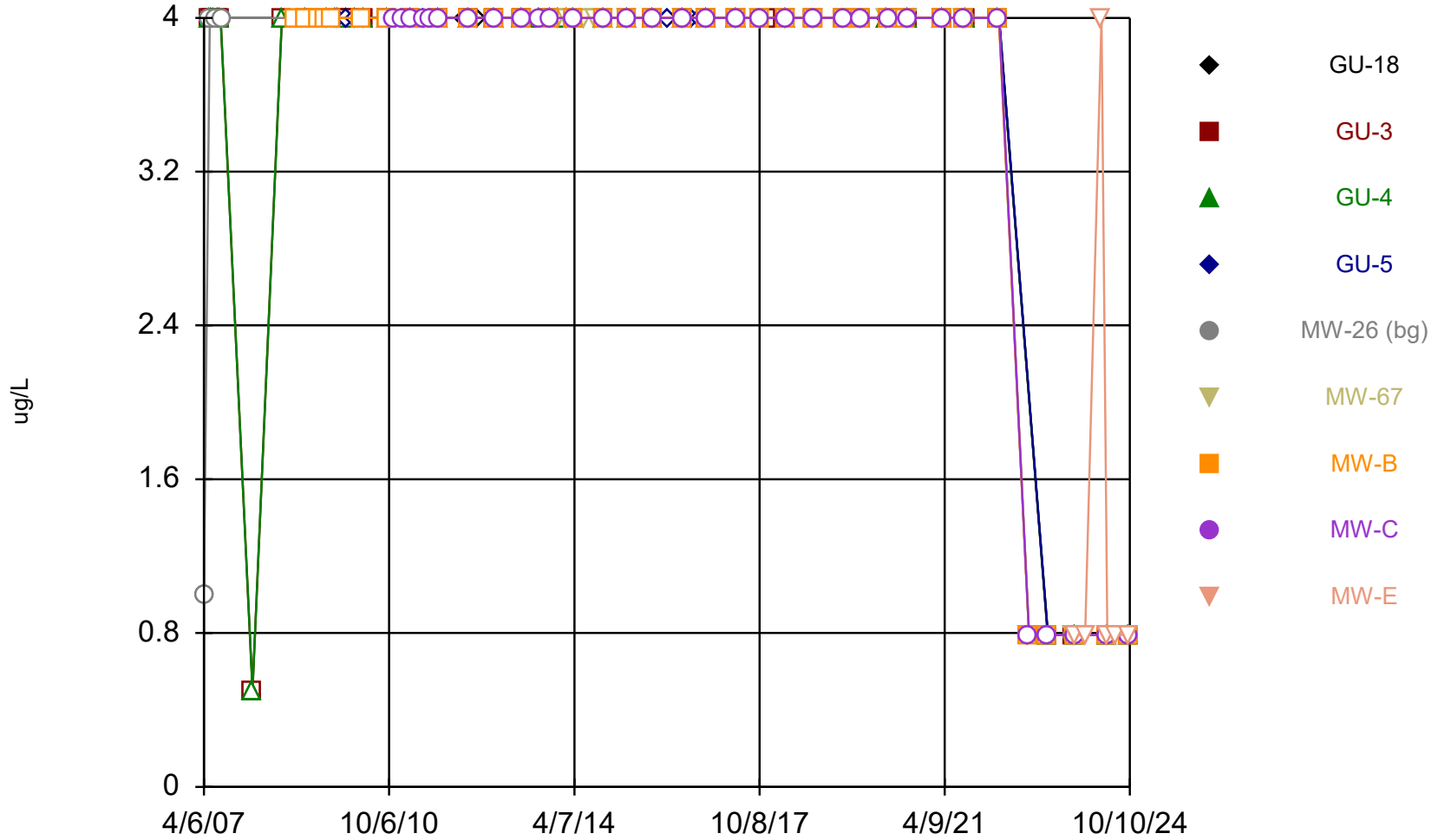
Constituent: Carbon Tetrachloride Analysis Run 12/3/2024 5:04 PM View: Phase II - Appendix I VOCs
Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE PII PRIME flat

Time Series



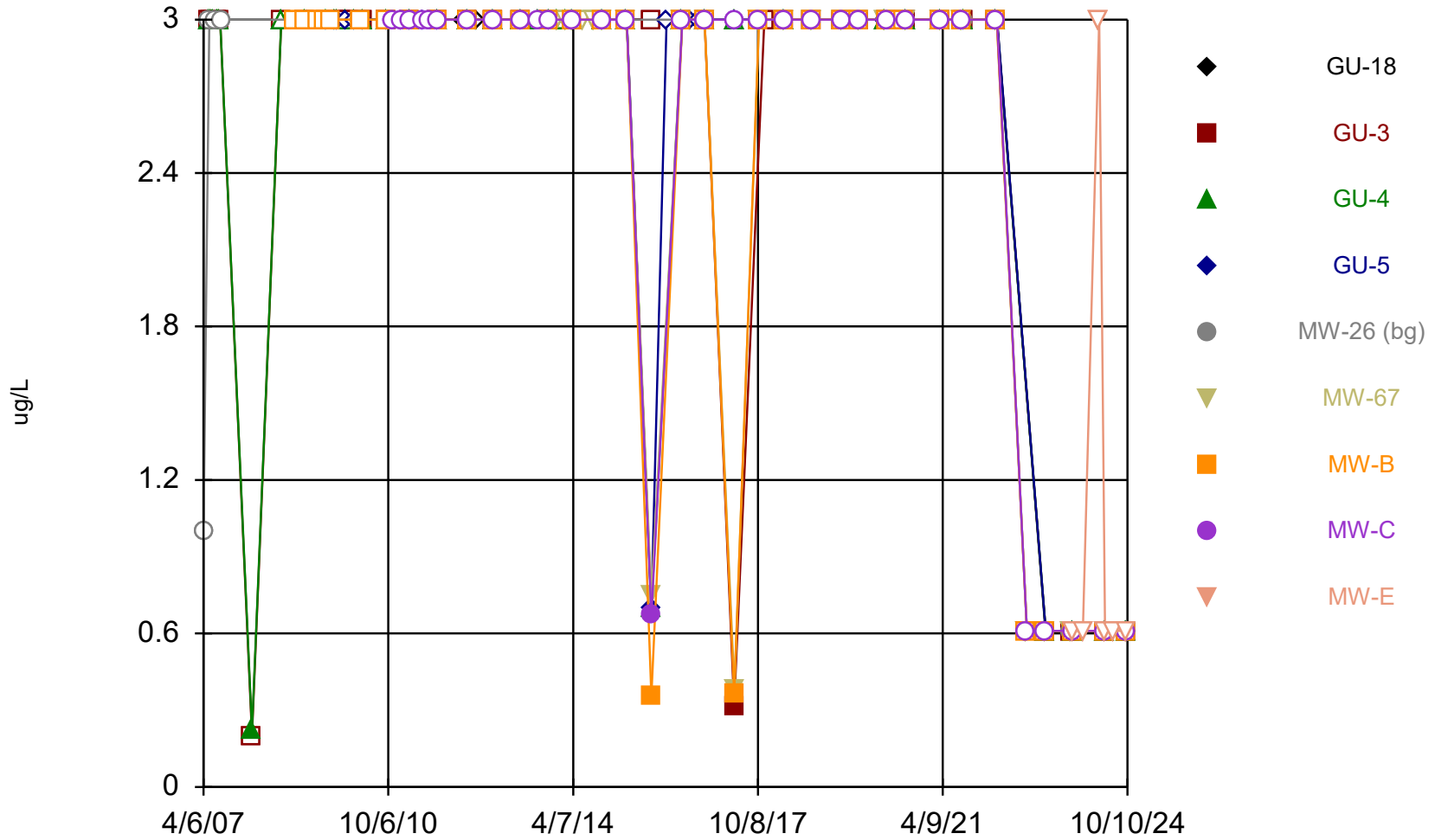
Constituent: Chlorobenzene Analysis Run 12/3/2024 5:04 PM View: Phase II - Appendix I VOCs
Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE PII PRIME flat

Time Series



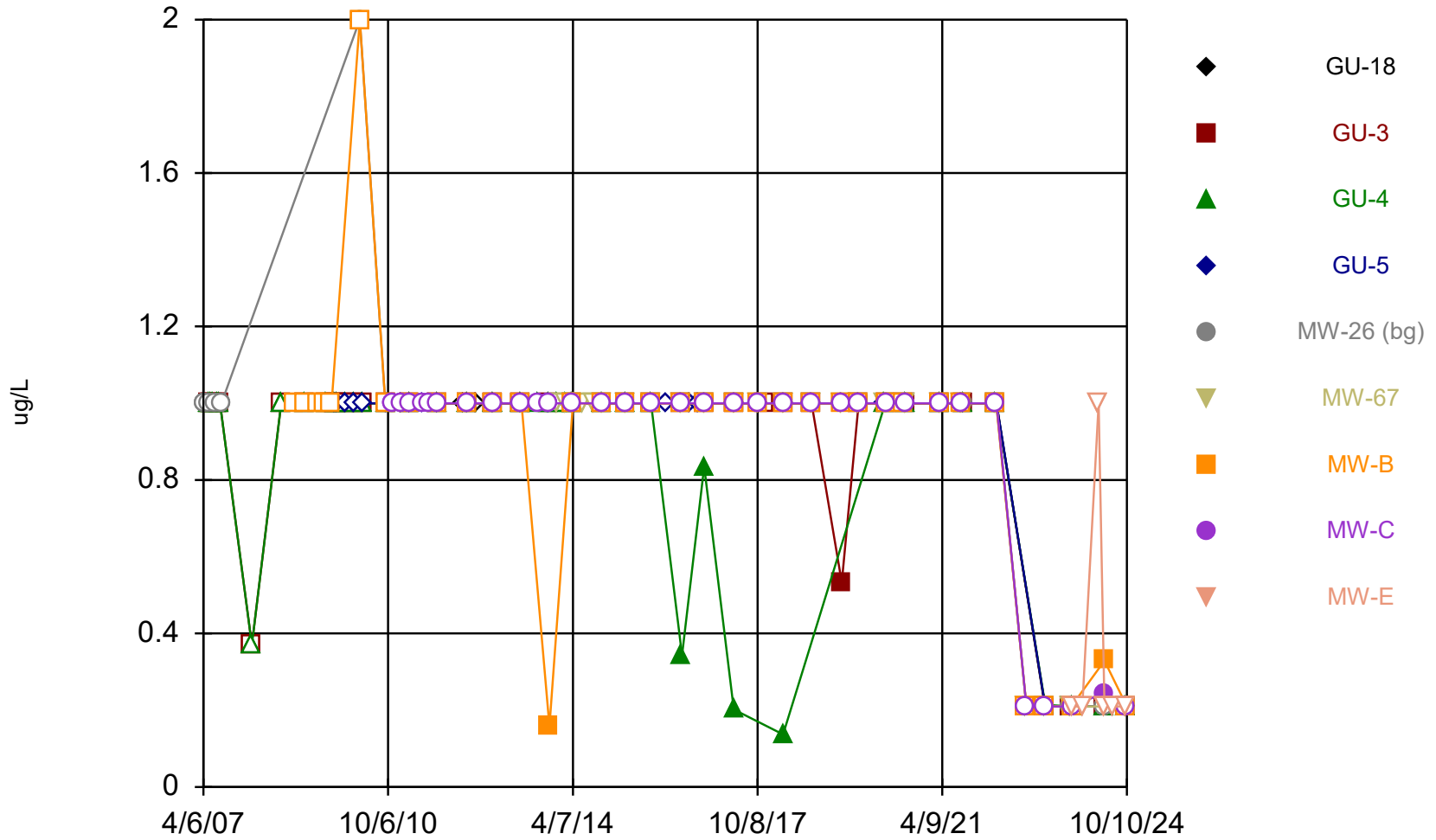
Constituent: Chloroethane Analysis Run 12/3/2024 5:04 PM View: Phase II - Appendix I VOCs
Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE PII PRIME flat

Time Series



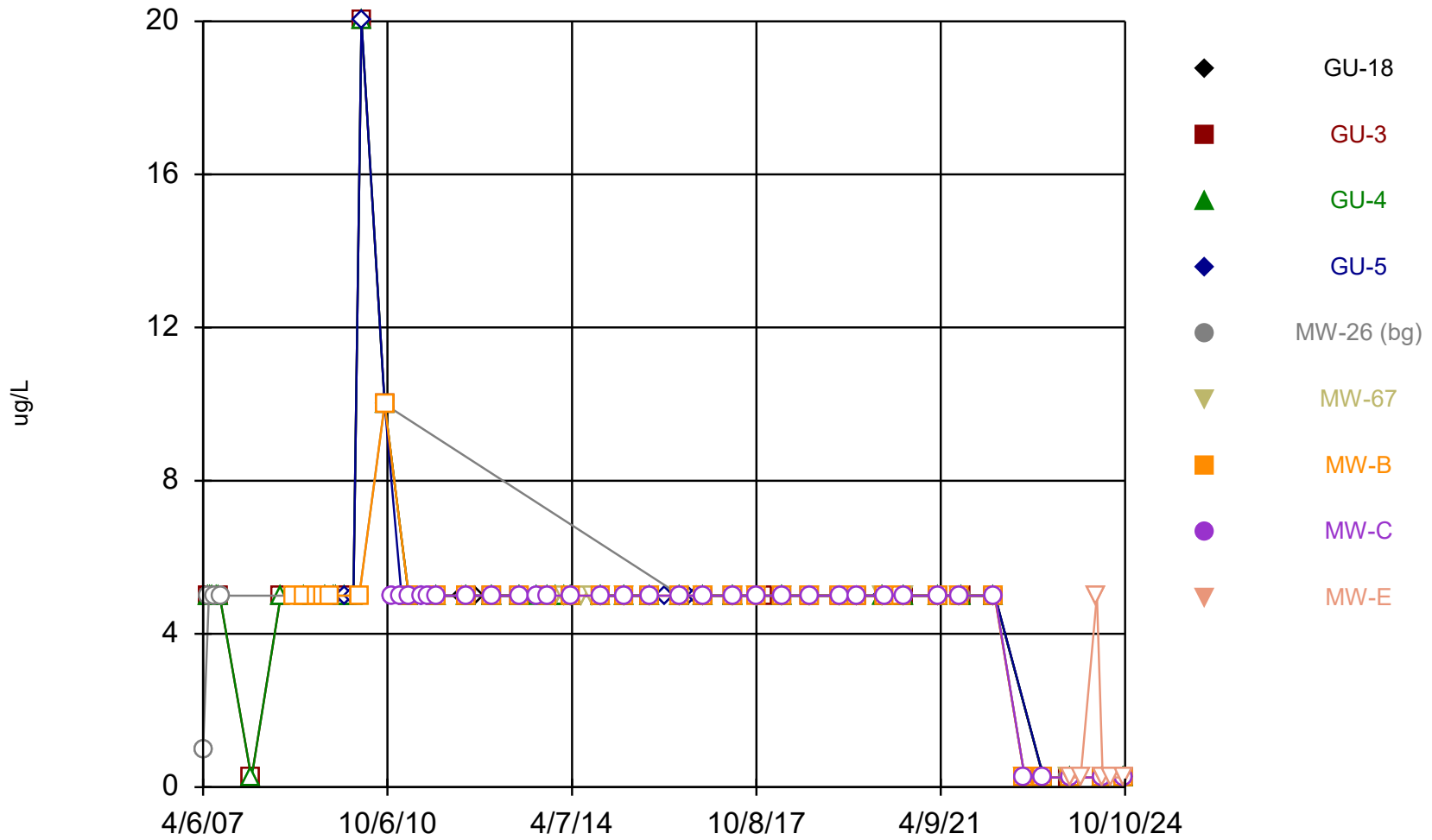
Constituent: Chloromethane Analysis Run 12/3/2024 5:04 PM View: Phase II - Appendix I VOCs
Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE PII PRIME flat

Time Series



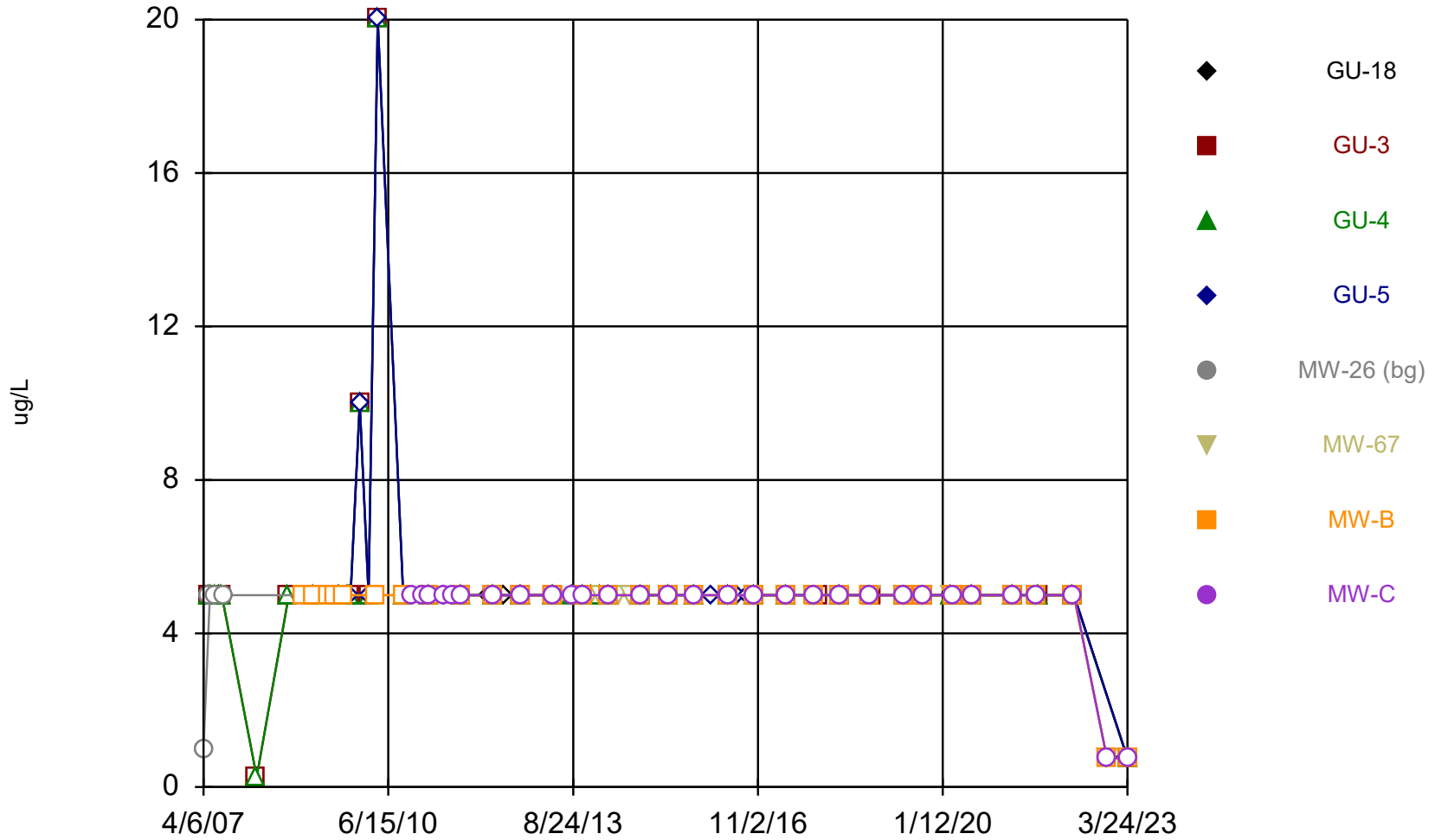
Constituent: cis-1,2-Dichloroethene Analysis Run 12/3/2024 5:04 PM View: Phase II - Appendix I VOCs
Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE PII PRIME flat

Time Series



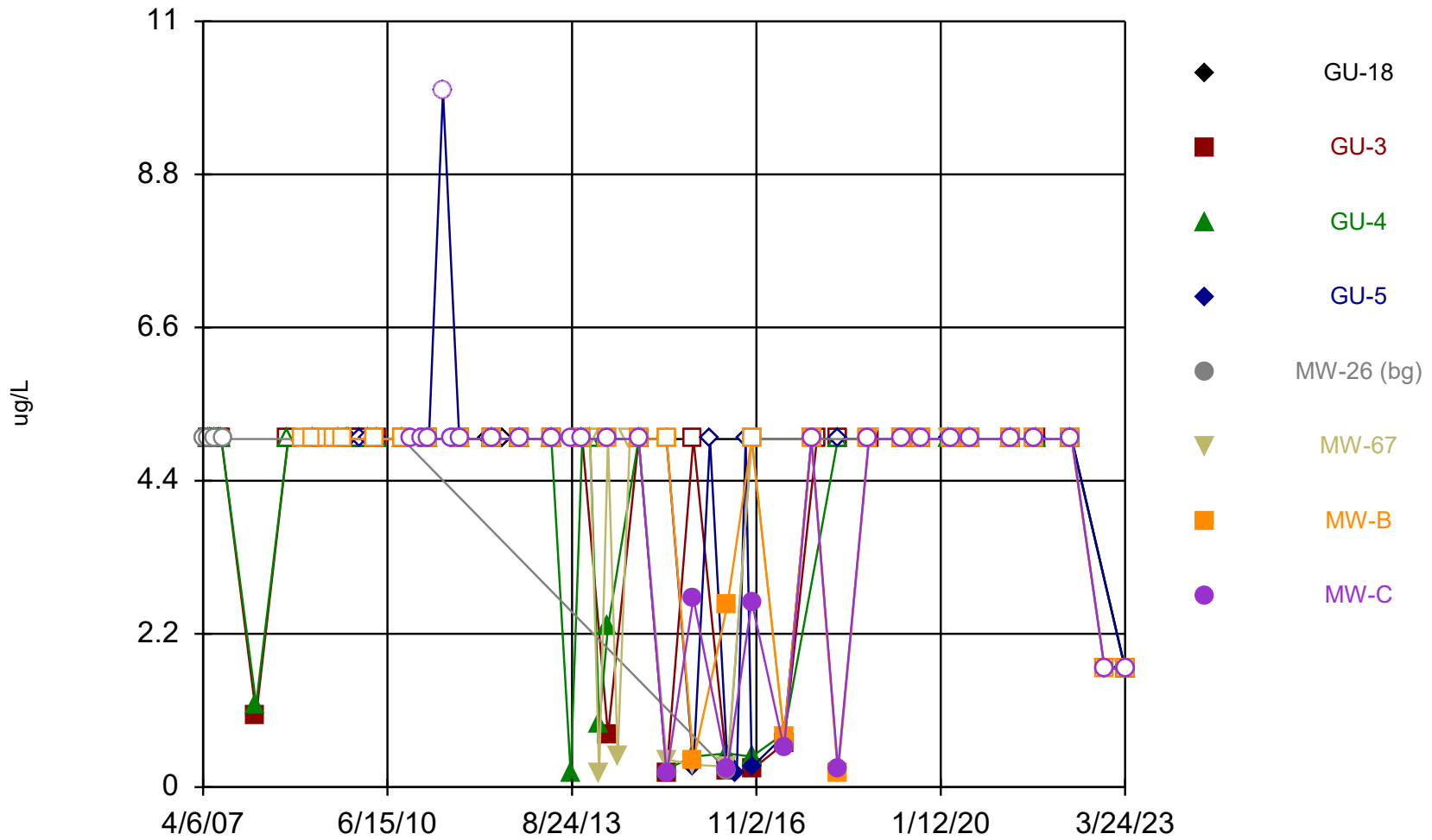
Constituent: cis-1,3-Dichloropropene Analysis Run 12/3/2024 5:04 PM View: Phase II - Appendix I VOCs
Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE PII PRIME flat

Time Series



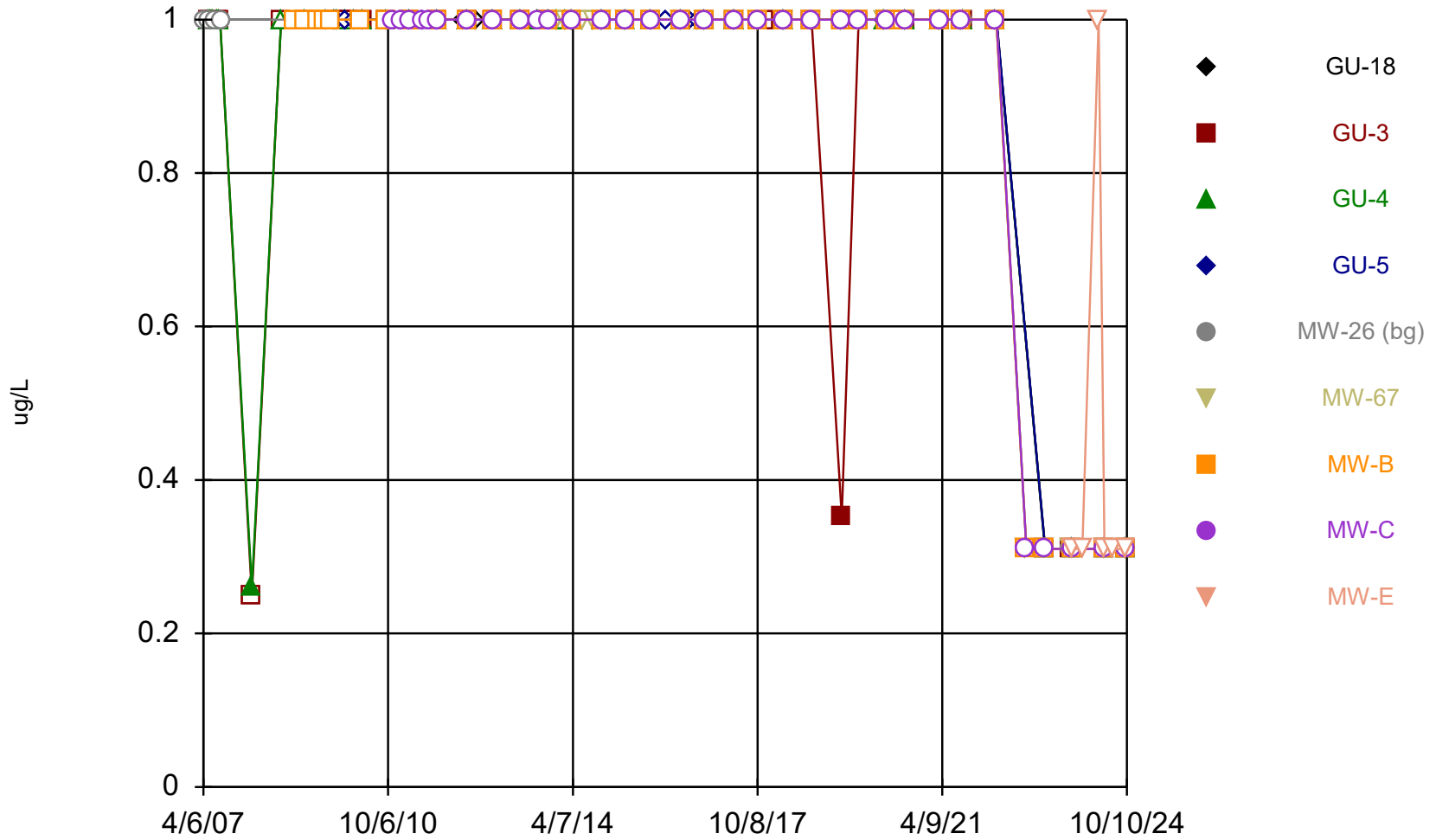
Constituent: Dibromochloromethane Analysis Run 12/3/2024 5:04 PM View: Phase II - Appendix I VOCs
Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE PII PRIME flat

Time Series



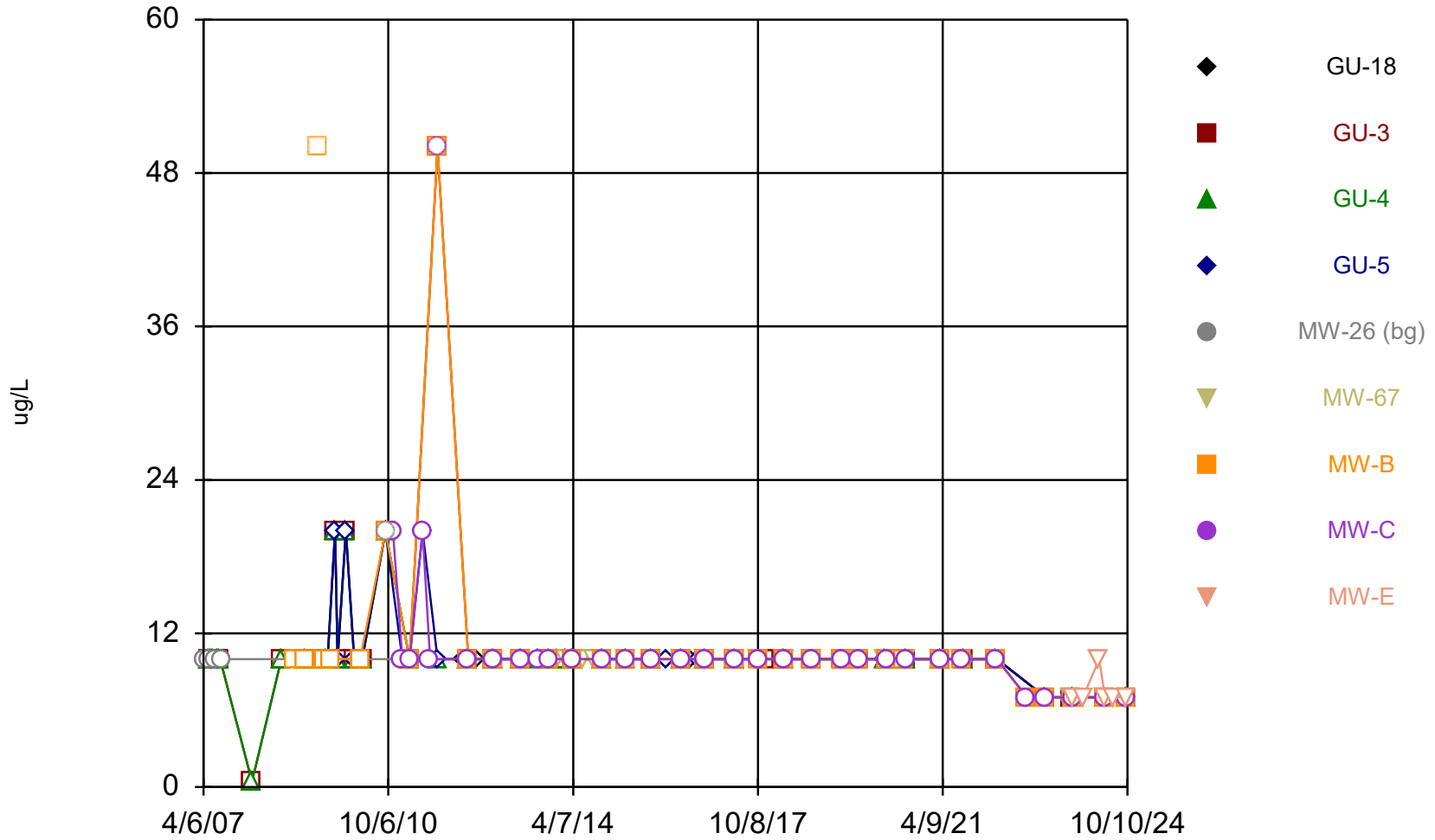
Constituent: Dichloromethane Analysis Run 12/3/2024 5:04 PM View: Phase II - Appendix I VOCs
Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE PII PRIME flat

Time Series



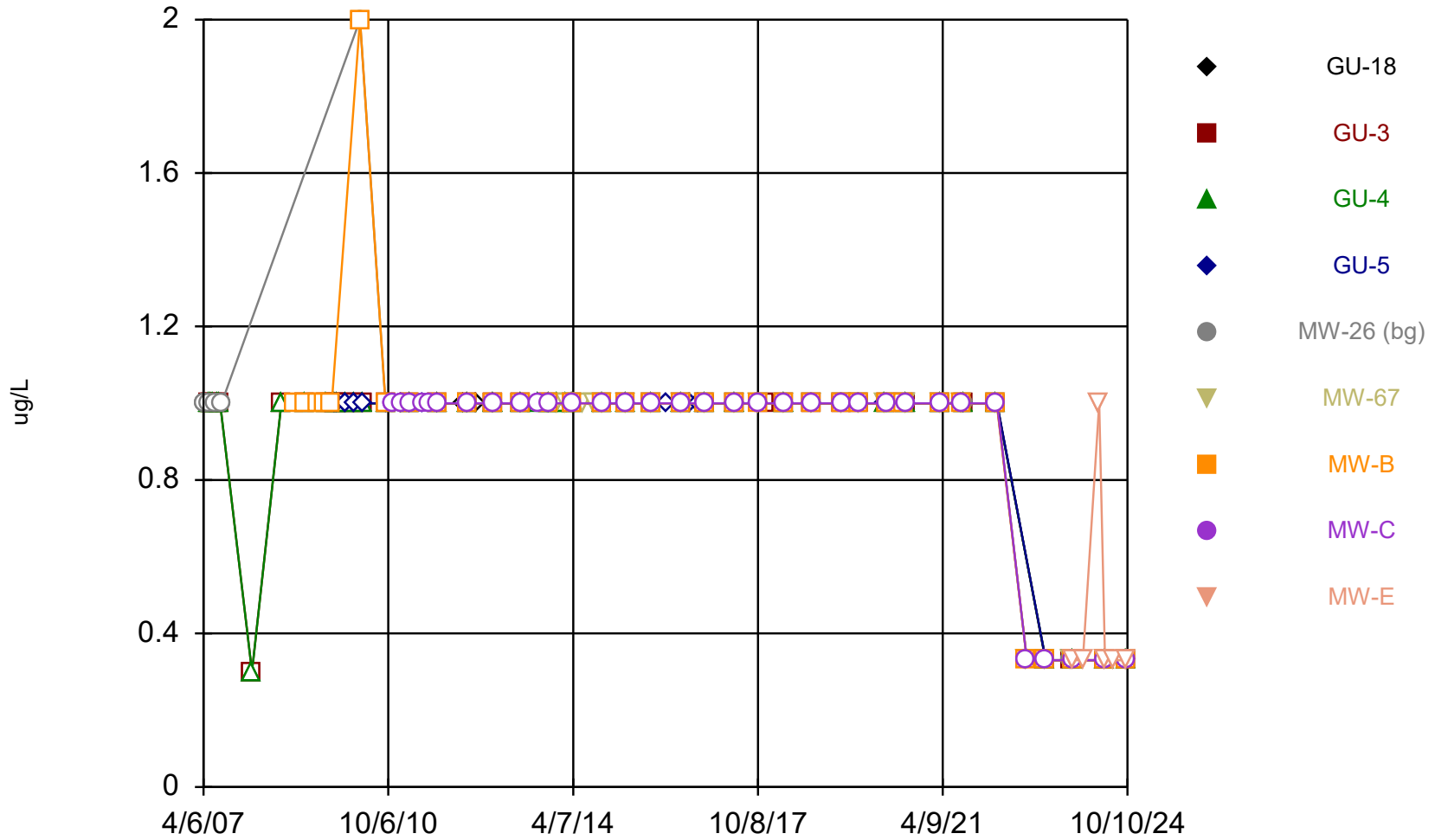
Constituent: Ethylbenzene Analysis Run 12/3/2024 5:04 PM View: Phase II - Appendix I VOCs
Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE PII PRIME flat

Time Series



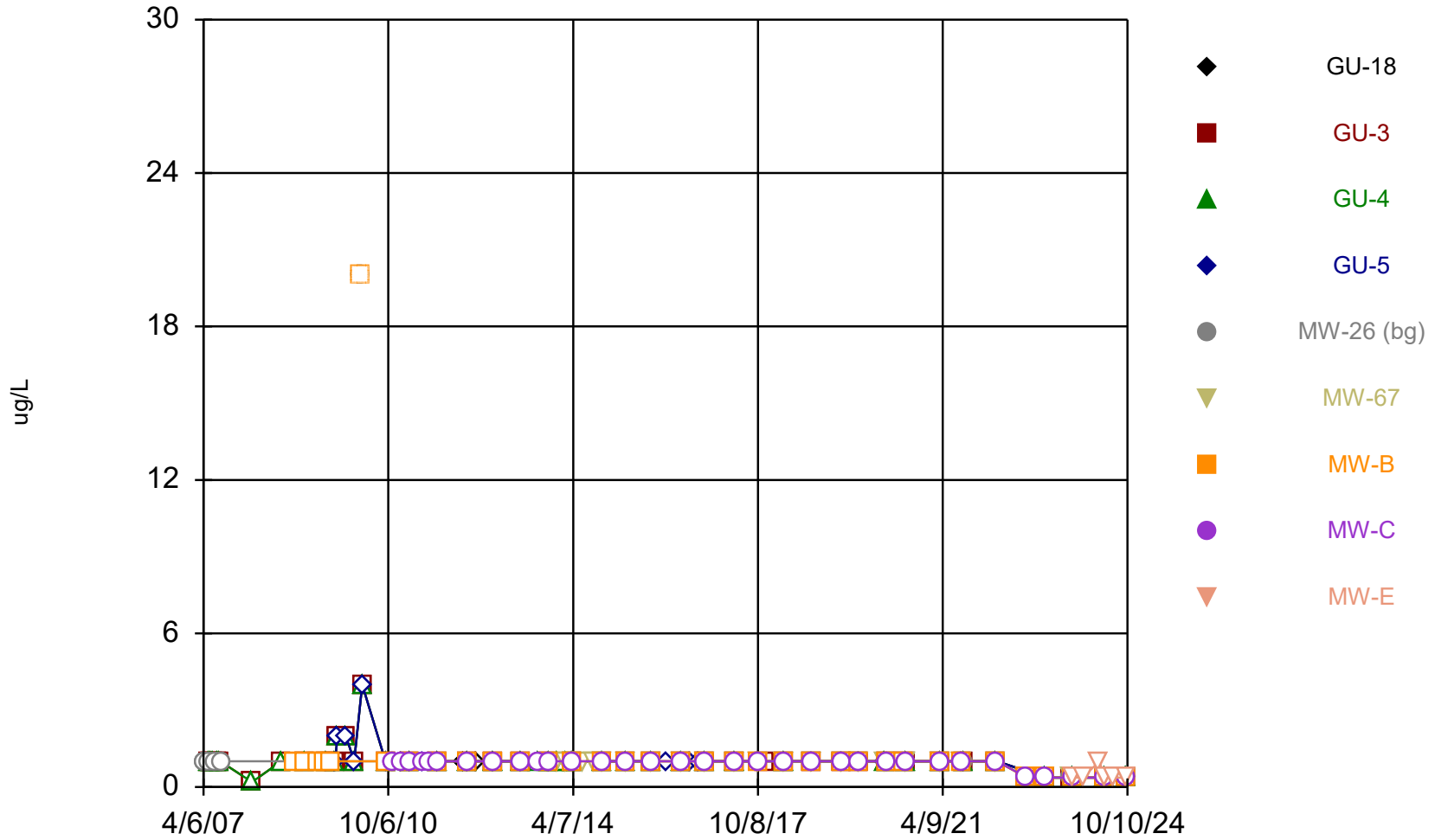
Constituent: Iodomethane Analysis Run 12/3/2024 5:04 PM View: Phase II - Appendix I VOCs
Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE PII PRIME flat

Time Series



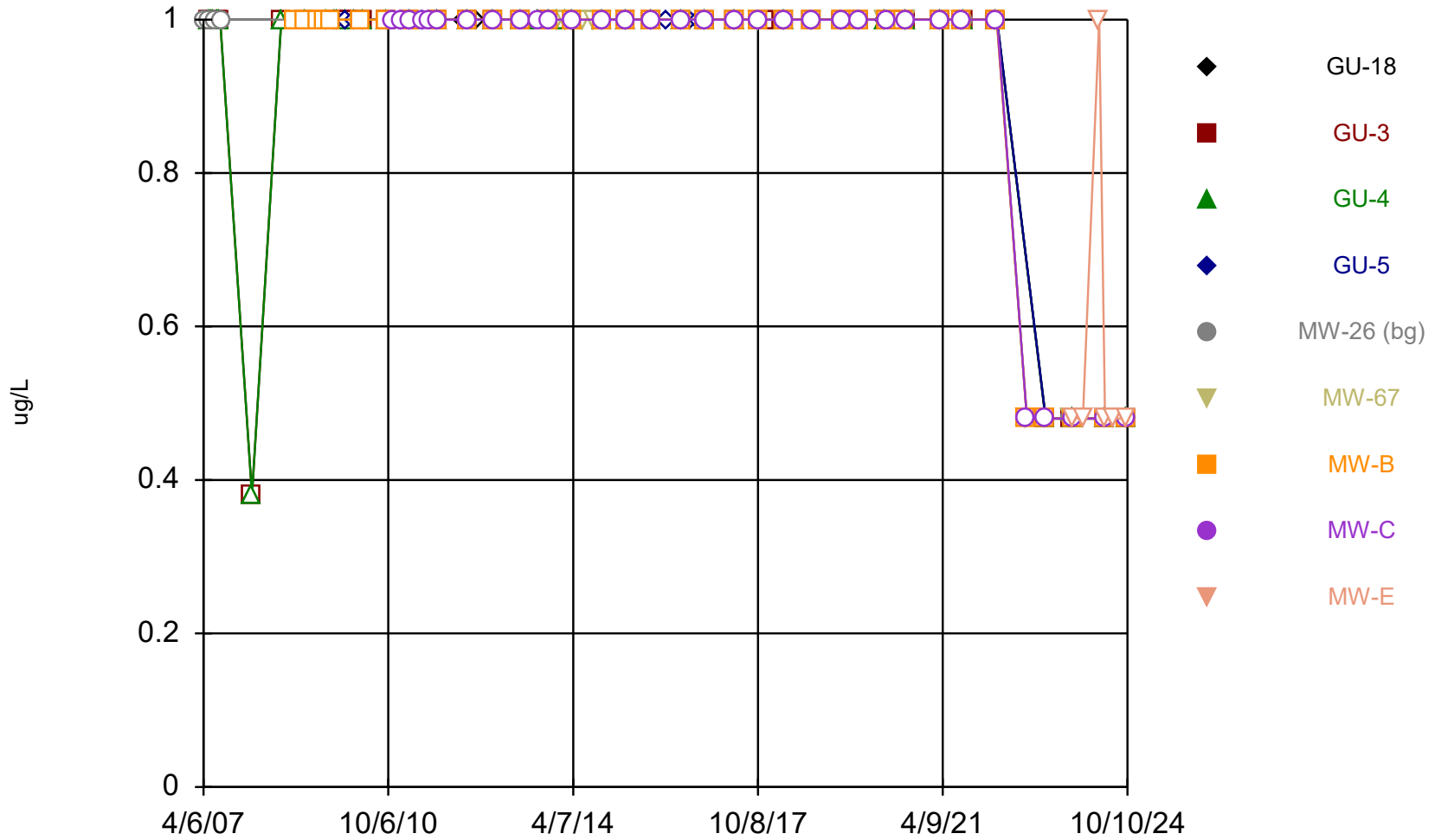
Constituent: Methylene Bromide Analysis Run 12/3/2024 5:04 PM View: Phase II - Appendix I VOCs
Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE PII PRIME flat

Time Series



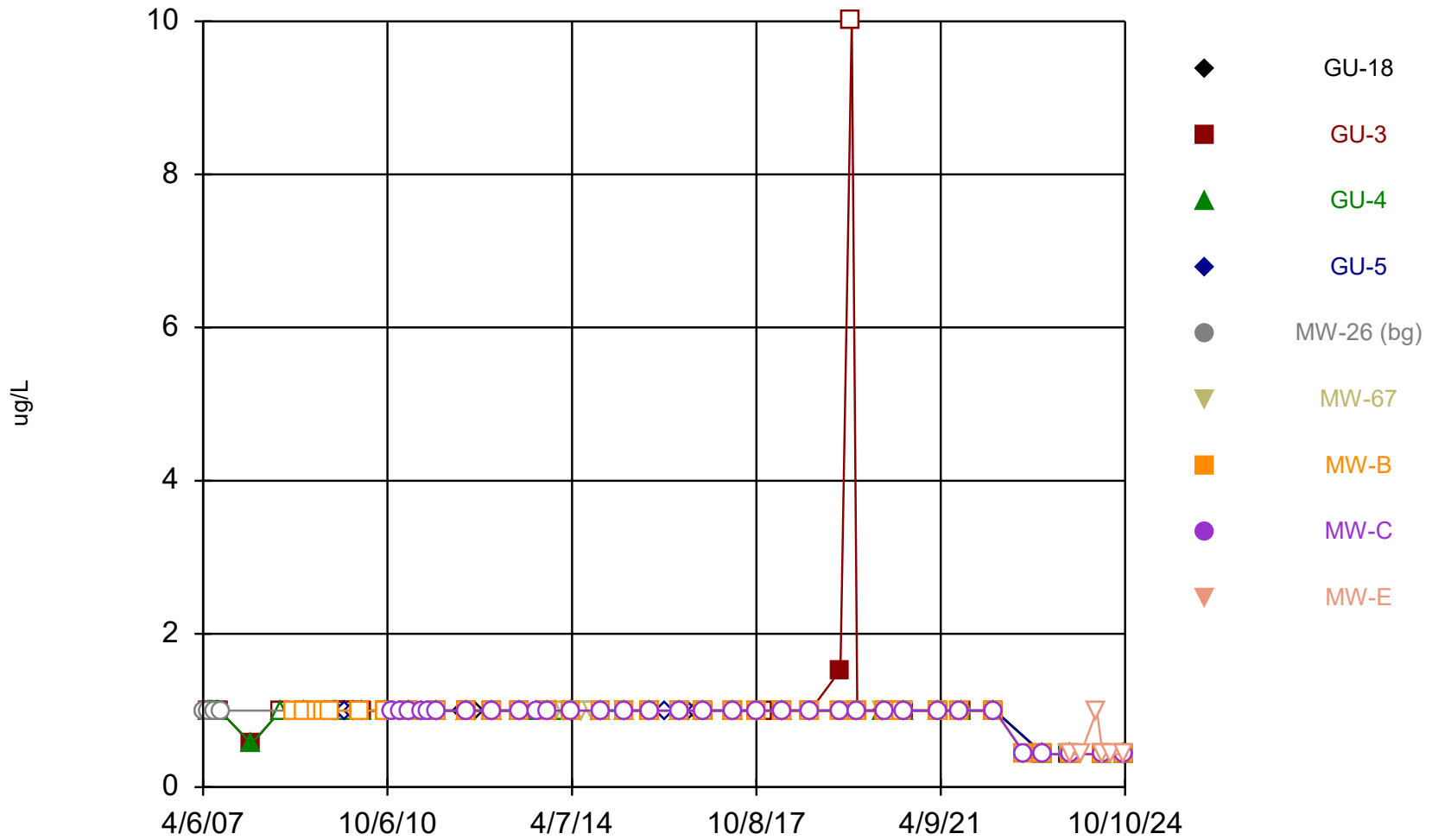
Constituent: Styrene Analysis Run 12/3/2024 5:04 PM View: Phase II - Appendix I VOCs
Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE PII PRIME flat

Time Series



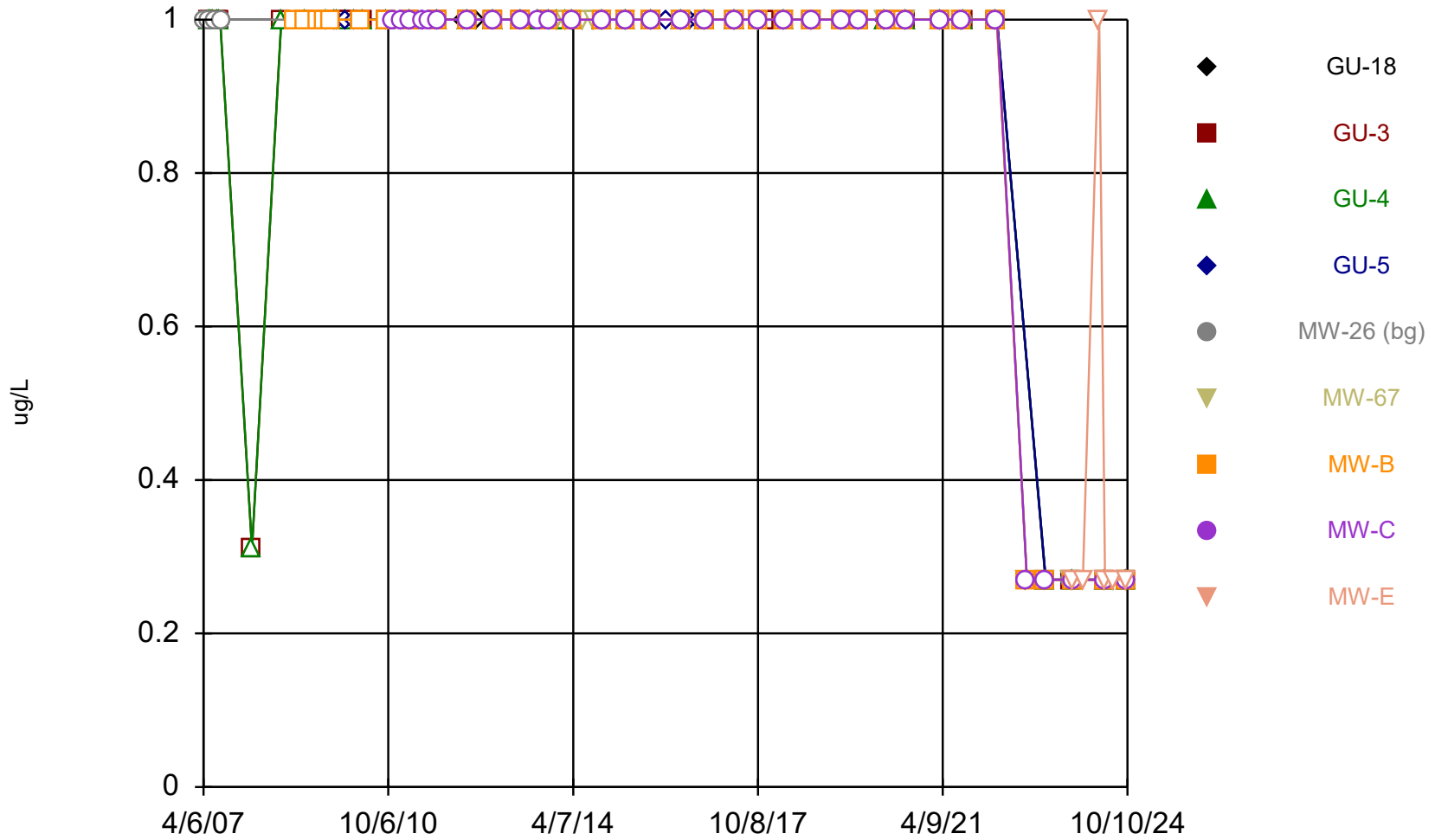
Constituent: Tetrachloroethene Analysis Run 12/3/2024 5:04 PM View: Phase II - Appendix I VOCs
Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE PII PRIME flat

Time Series



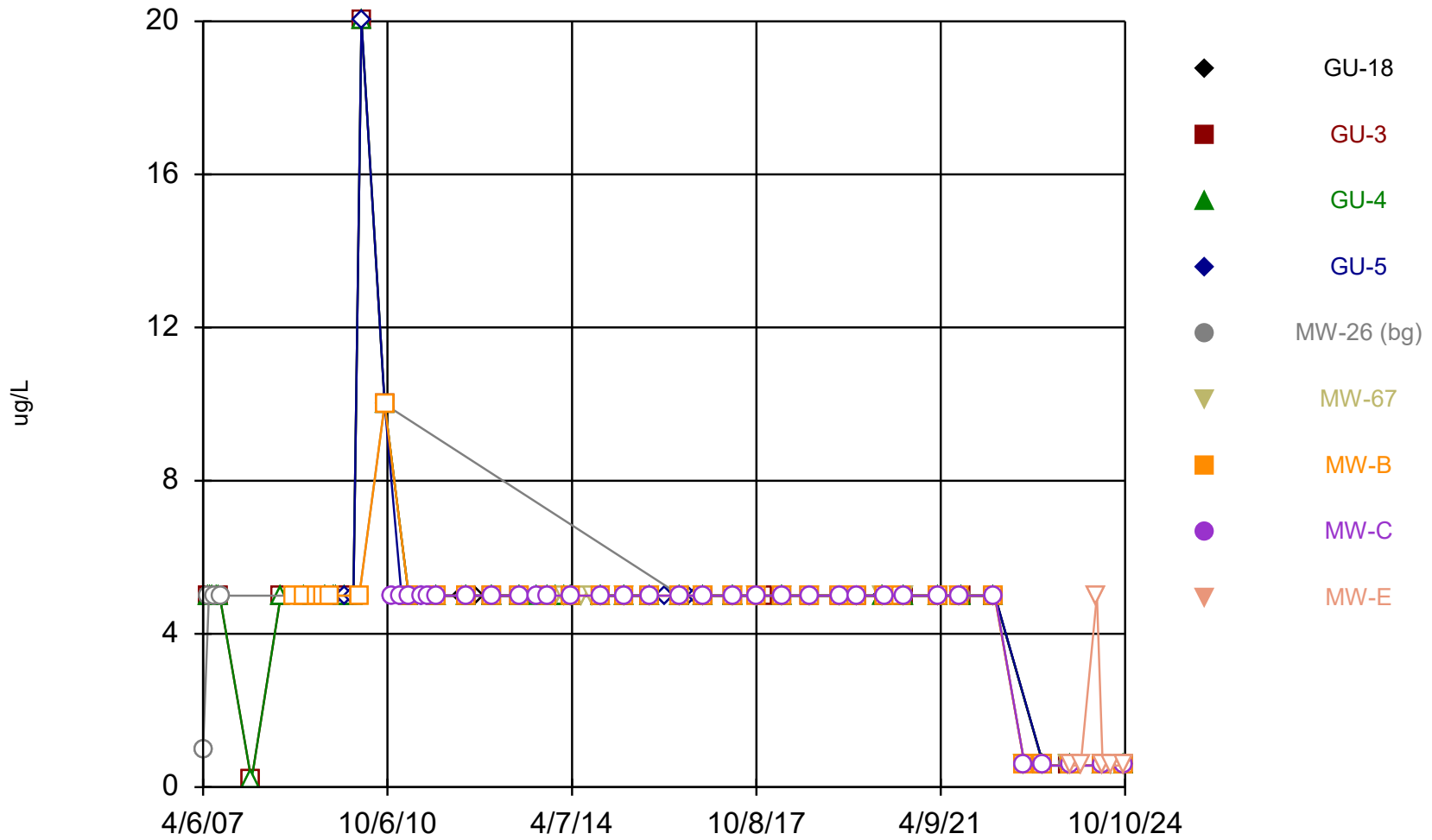
Constituent: Toluene Analysis Run 12/3/2024 5:04 PM View: Phase II - Appendix I VOCs
Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE PII PRIME flat

Time Series



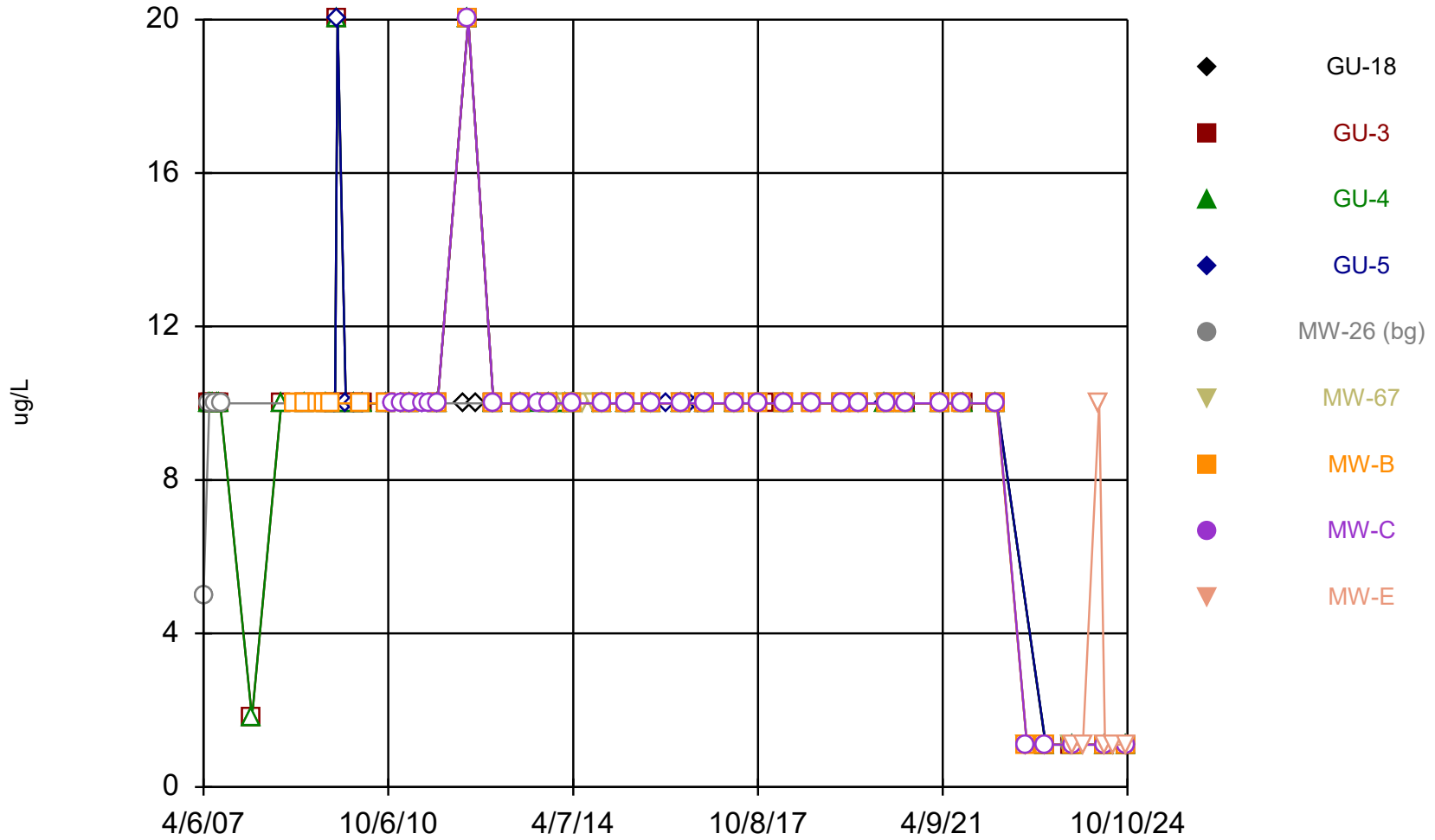
Constituent: trans-1,2-Dichloroethene Analysis Run 12/3/2024 5:04 PM View: Phase II - Appendix I VOCs
Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE PII PRIME flat

Time Series



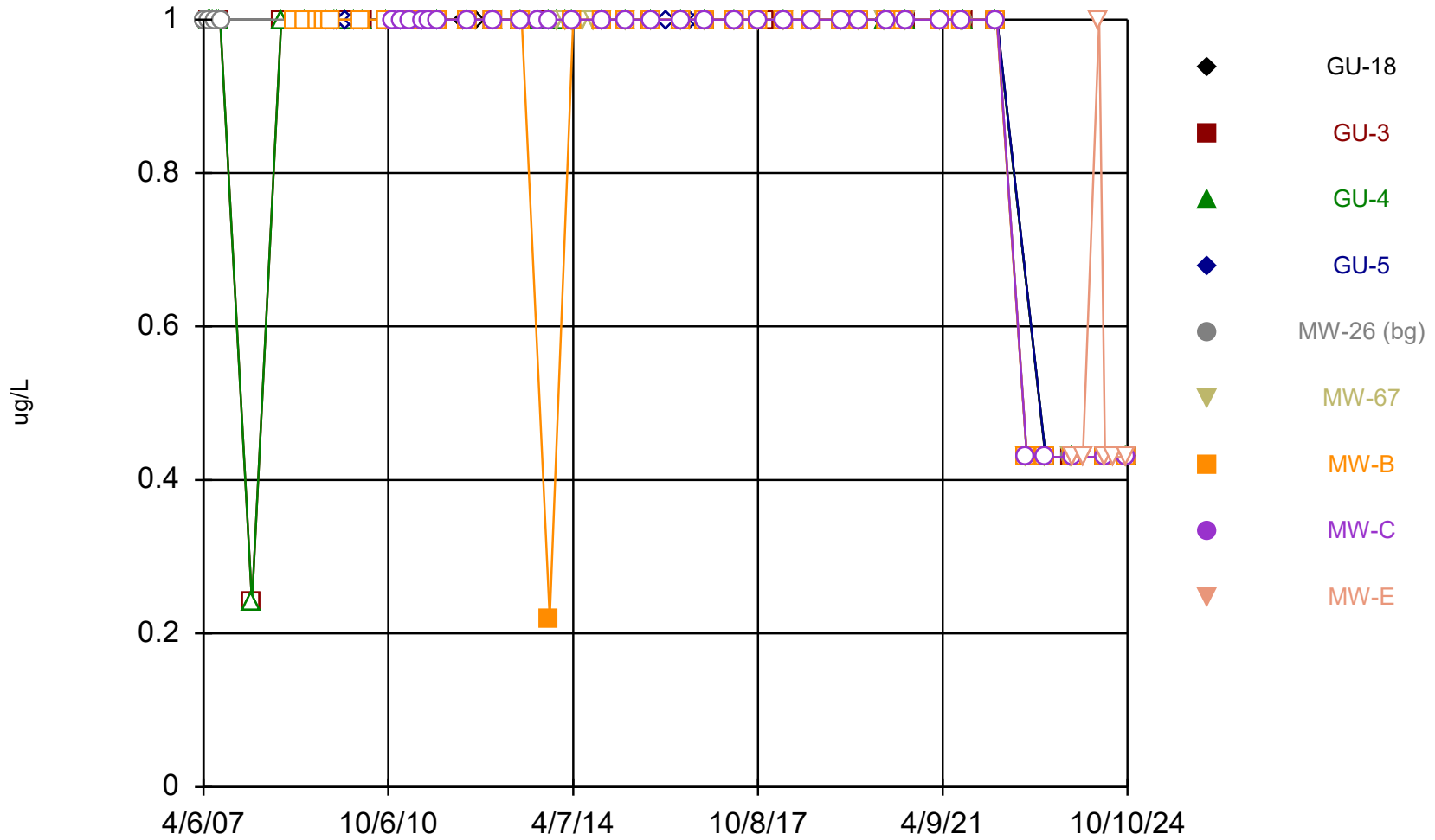
Constituent: trans-1,3-Dichloropropene Analysis Run 12/3/2024 5:04 PM View: Phase II - Appendix I VOC
Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE PII PRIME flat

Time Series



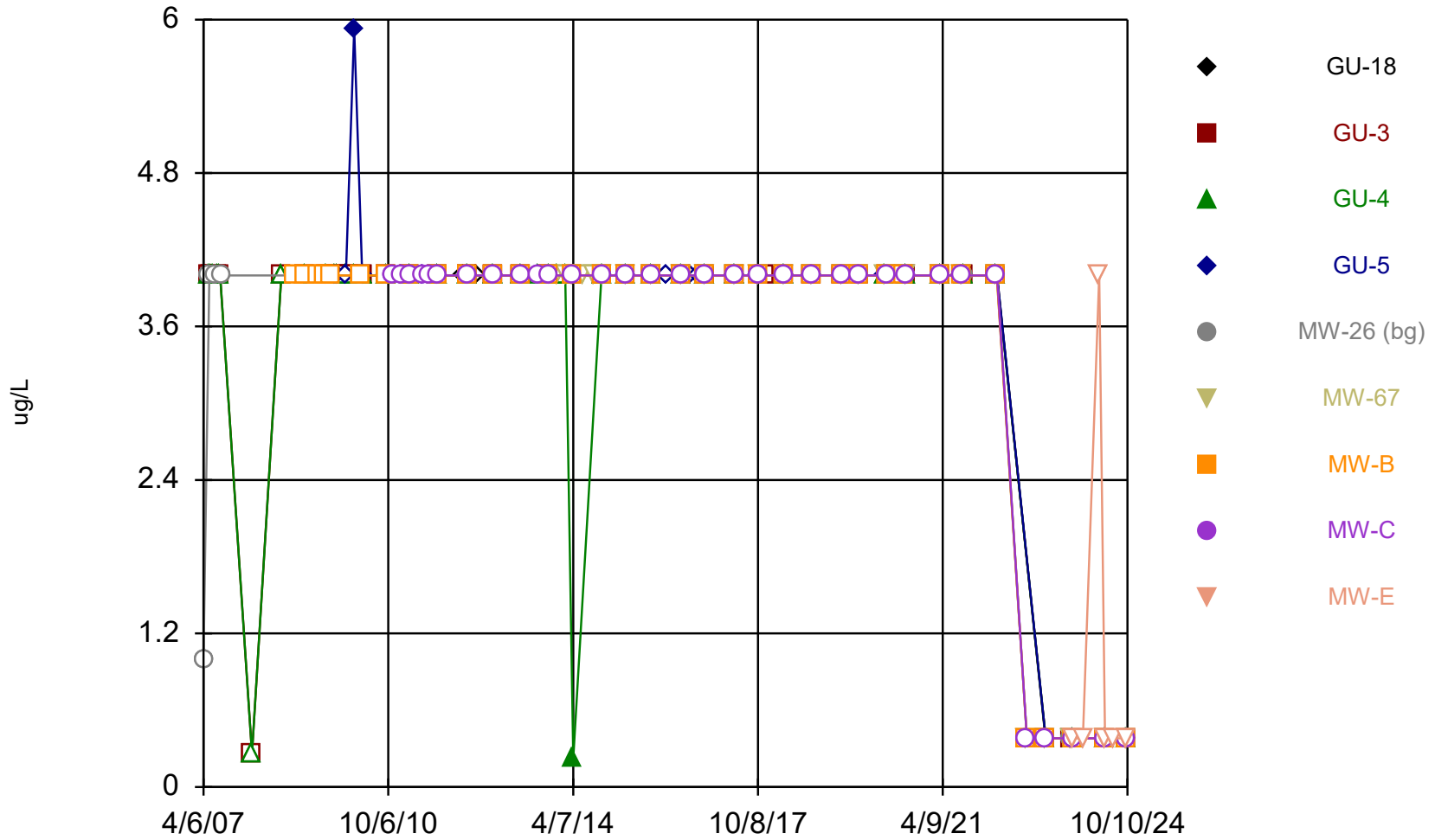
Constituent: trans-1,4-Dichloro-2-butene Analysis Run 12/3/2024 5:04 PM View: Phase II - Appendix I VO
Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE PII PRIME flat

Time Series



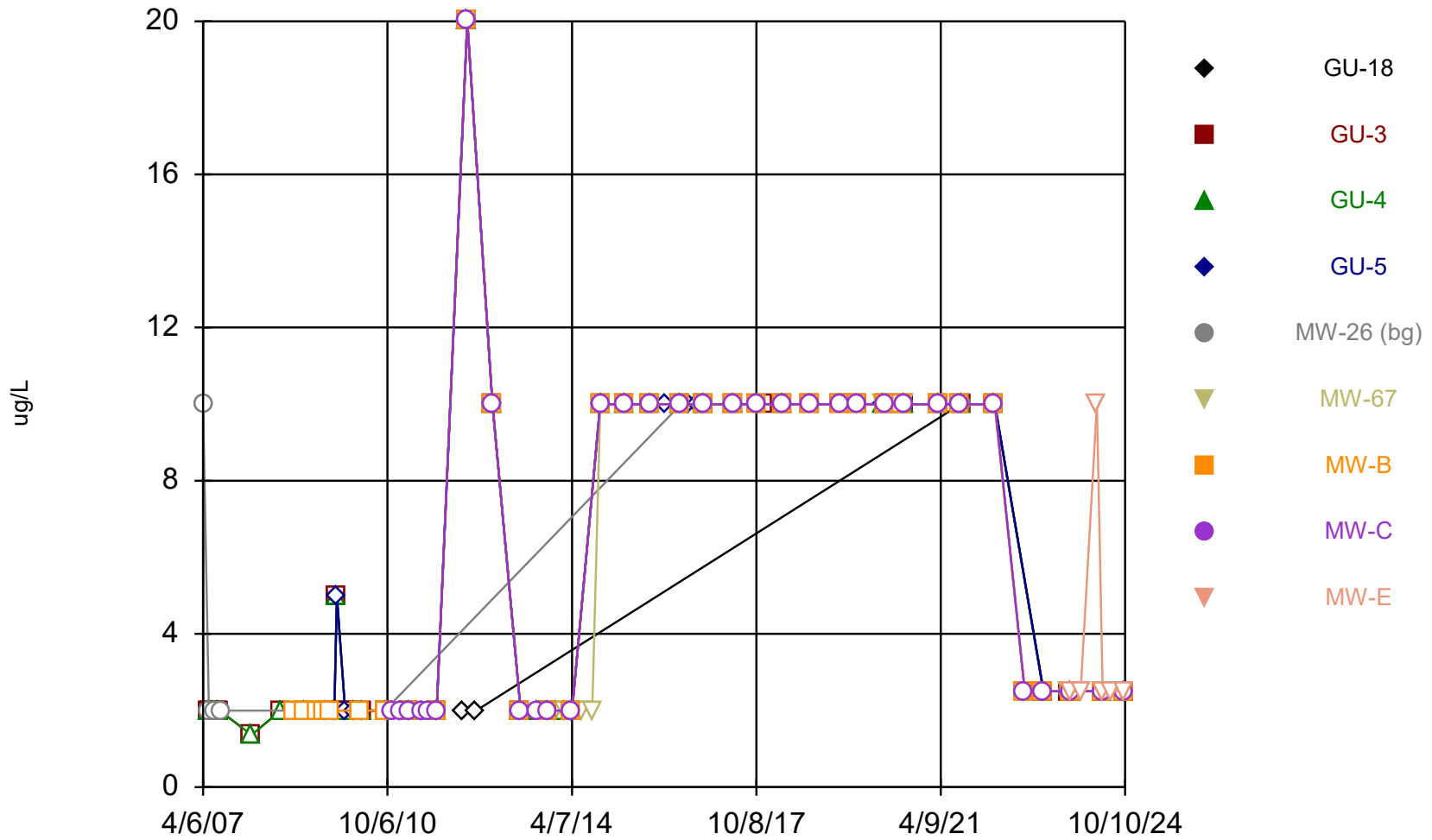
Constituent: Trichloroethene Analysis Run 12/3/2024 5:04 PM View: Phase II - Appendix I VOCs
Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE PII PRIME flat

Time Series



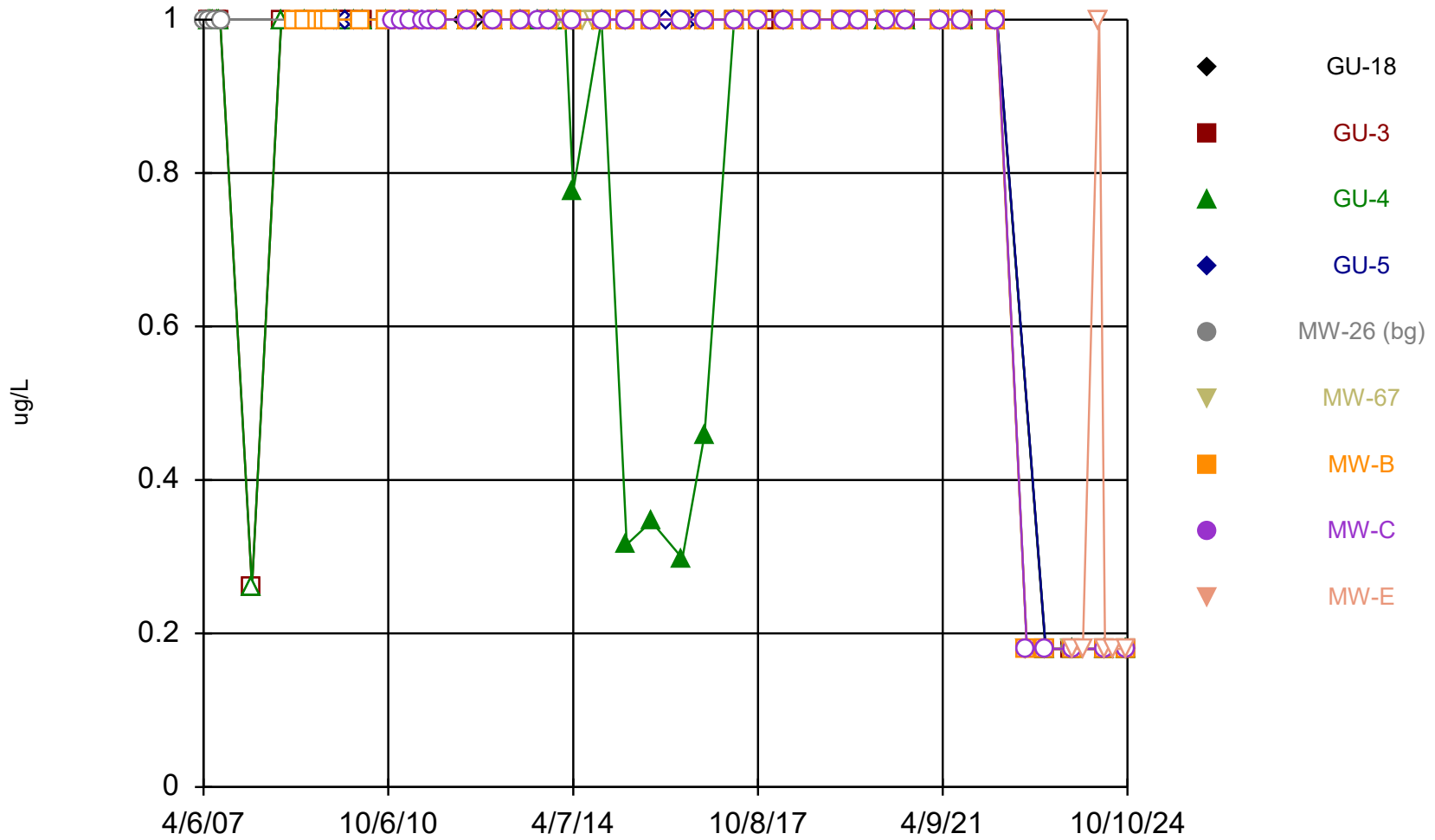
Constituent: Trichlorofluoromethane Analysis Run 12/3/2024 5:04 PM View: Phase II - Appendix I VOCs
Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE PII PRIME flat

Time Series



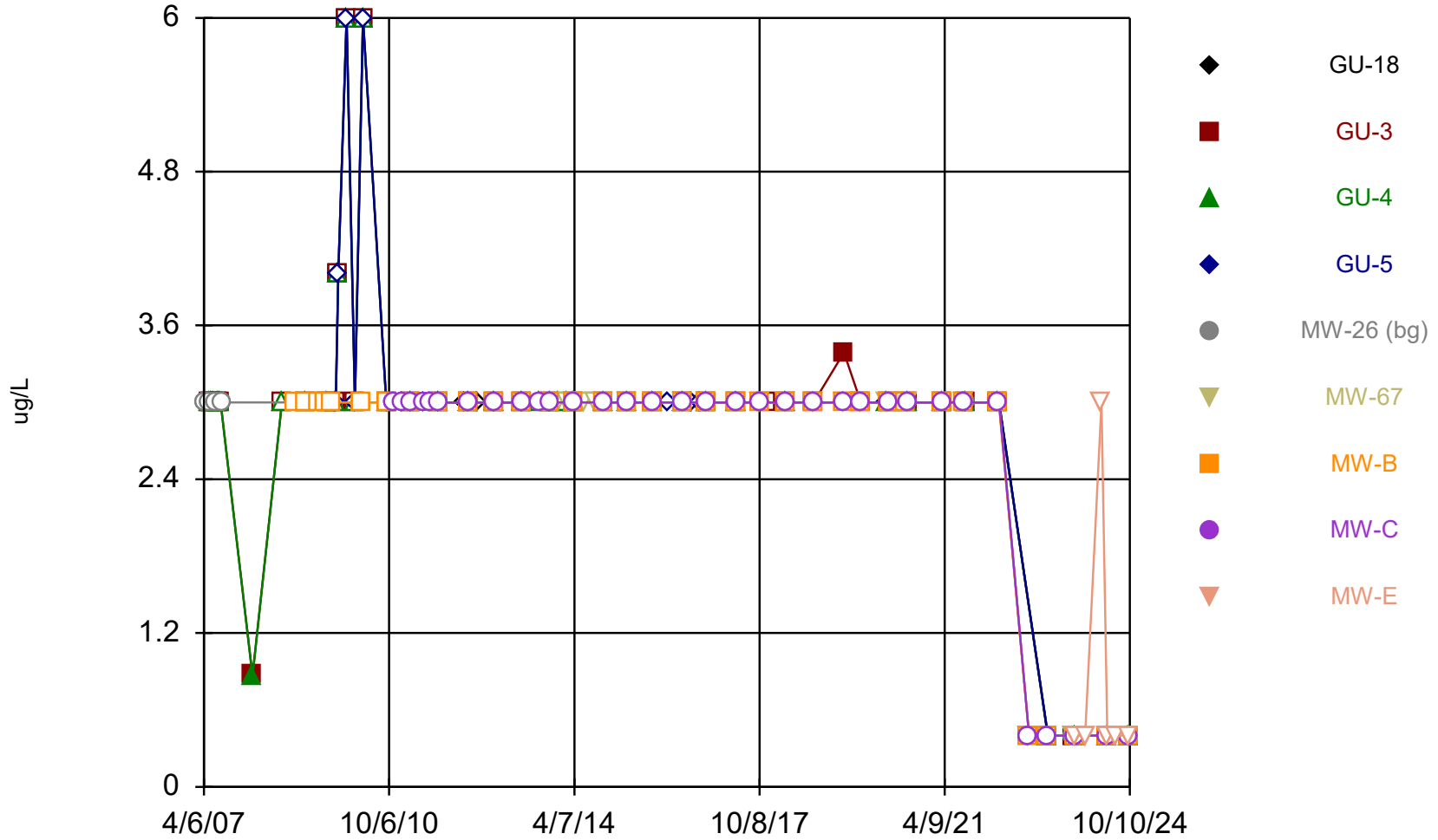
Constituent: Vinyl acetate Analysis Run 12/3/2024 5:04 PM View: Phase II - Appendix I VOCs
Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE PII PRIME flat

Time Series



Constituent: Vinyl chloride Analysis Run 12/3/2024 5:04 PM View: Phase II - Appendix I VOCs
Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE PII PRIME flat

Time Series

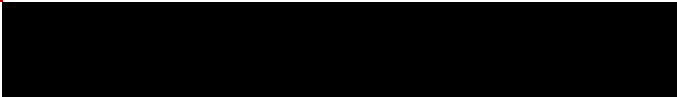


Constituent: Xylenes, total Analysis Run 12/3/2024 5:04 PM View: Phase II - Appendix I VOCs
Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE PII PRIME flat



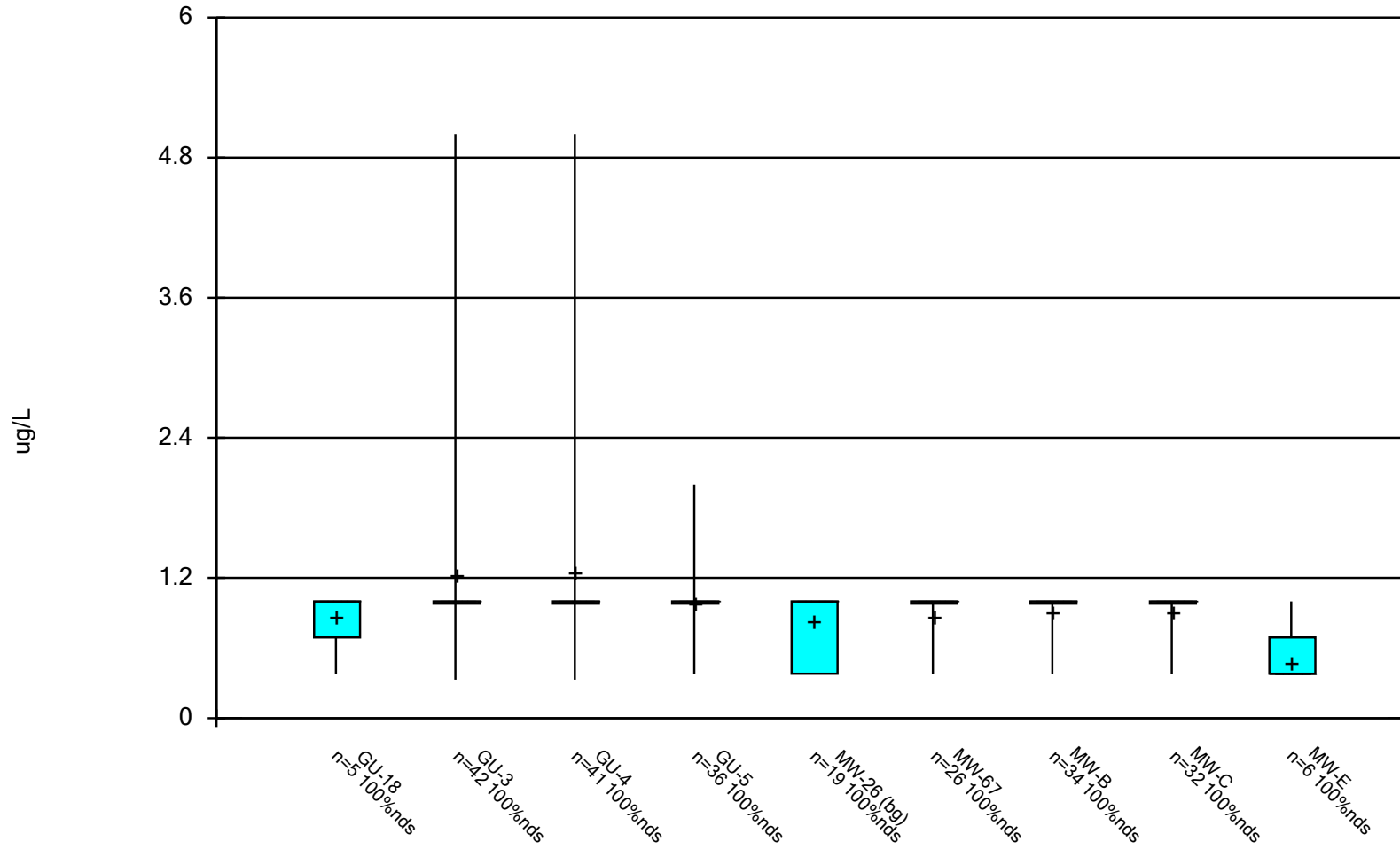
Phase II - VOCs

Box & Whisker Plots



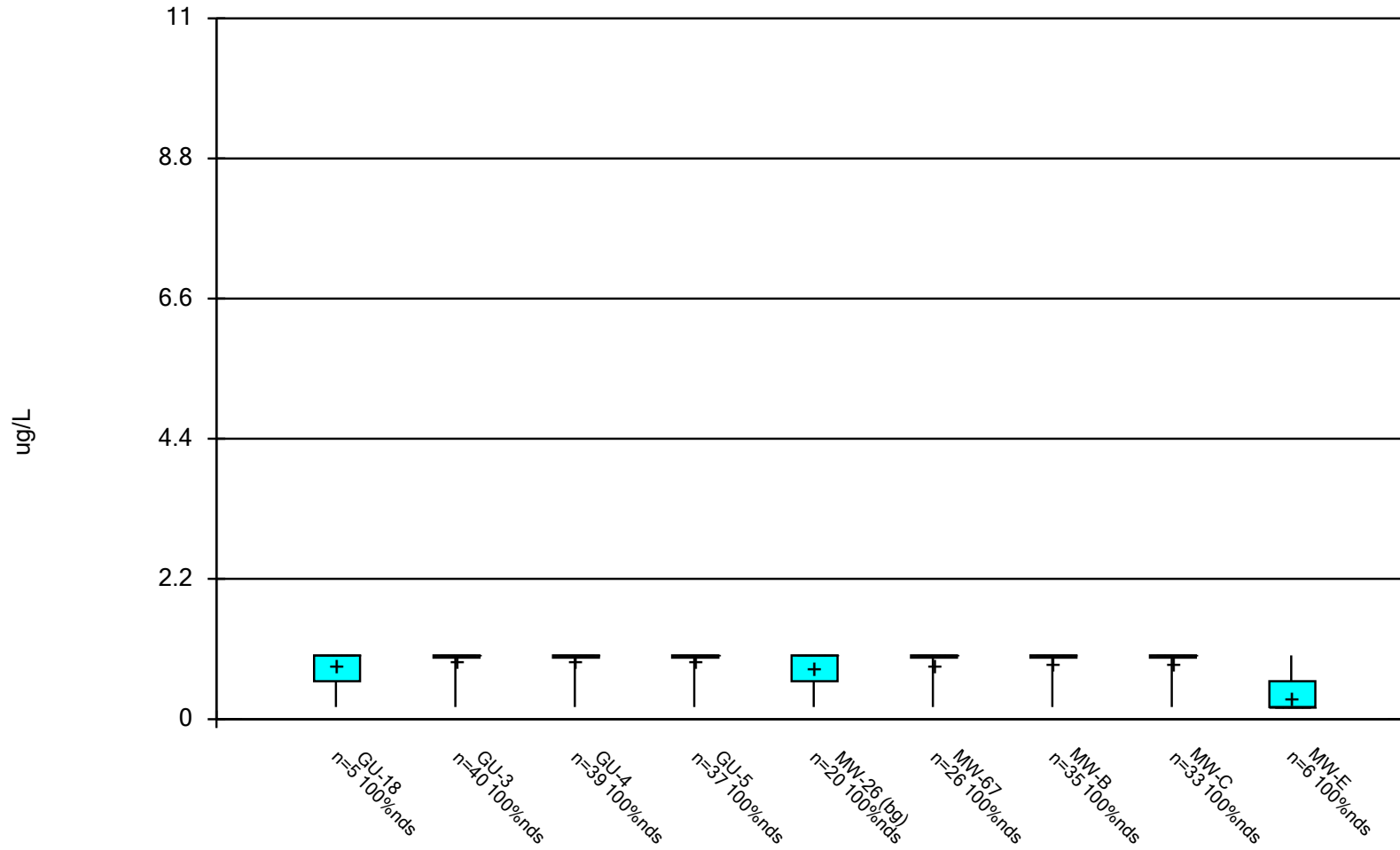
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Box & Whiskers Plot



Constituent: 1,1,1,2-Tetrachloroethane Analysis Run 12/3/2024 5:09 PM View: Phase II - Appendix I VOC
Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE PII PRIME flat

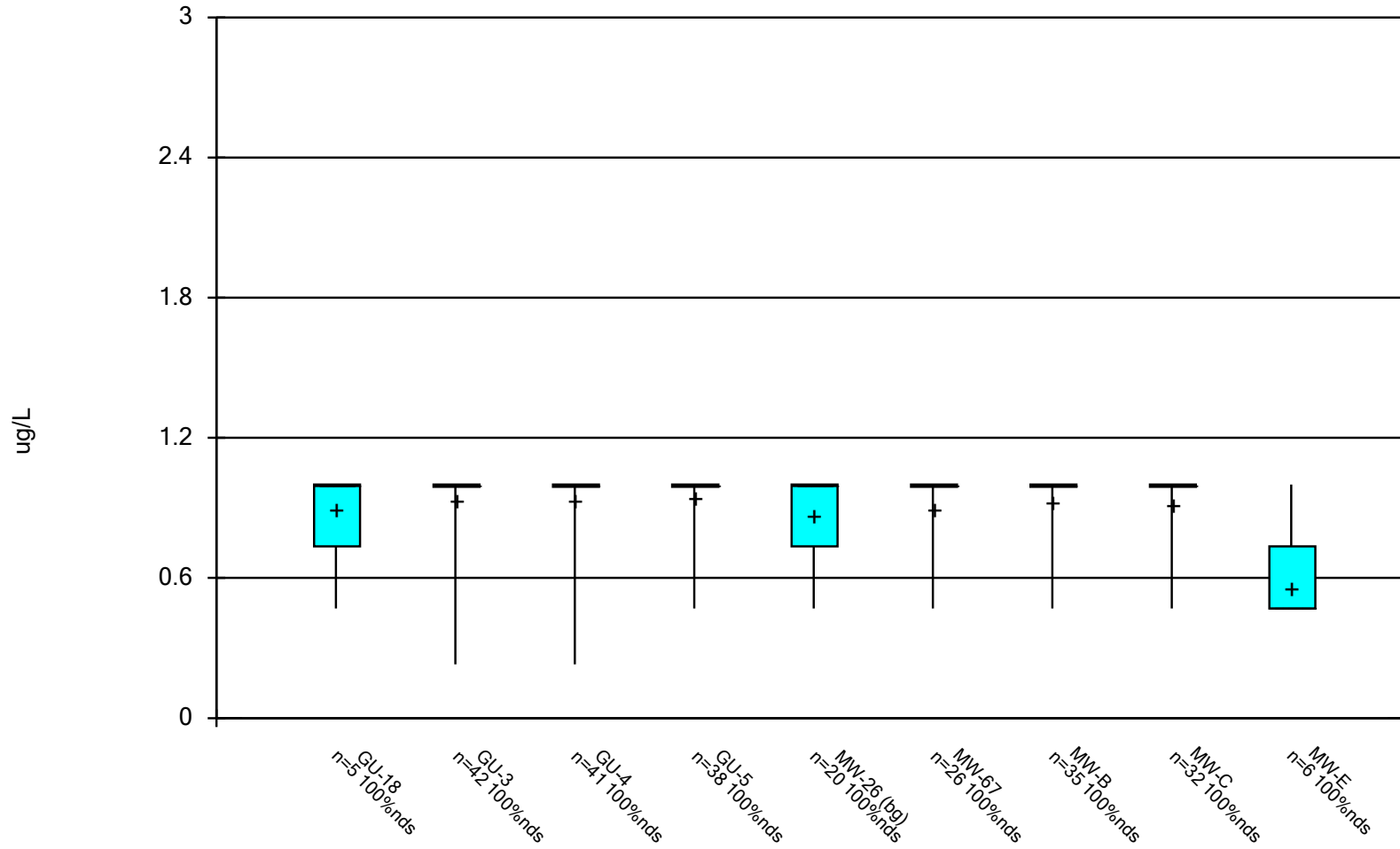
Box & Whiskers Plot



Constituent: 1,1,1-Trichloroethane Analysis Run 12/3/2024 5:09 PM View: Phase II - Appendix I VOCs

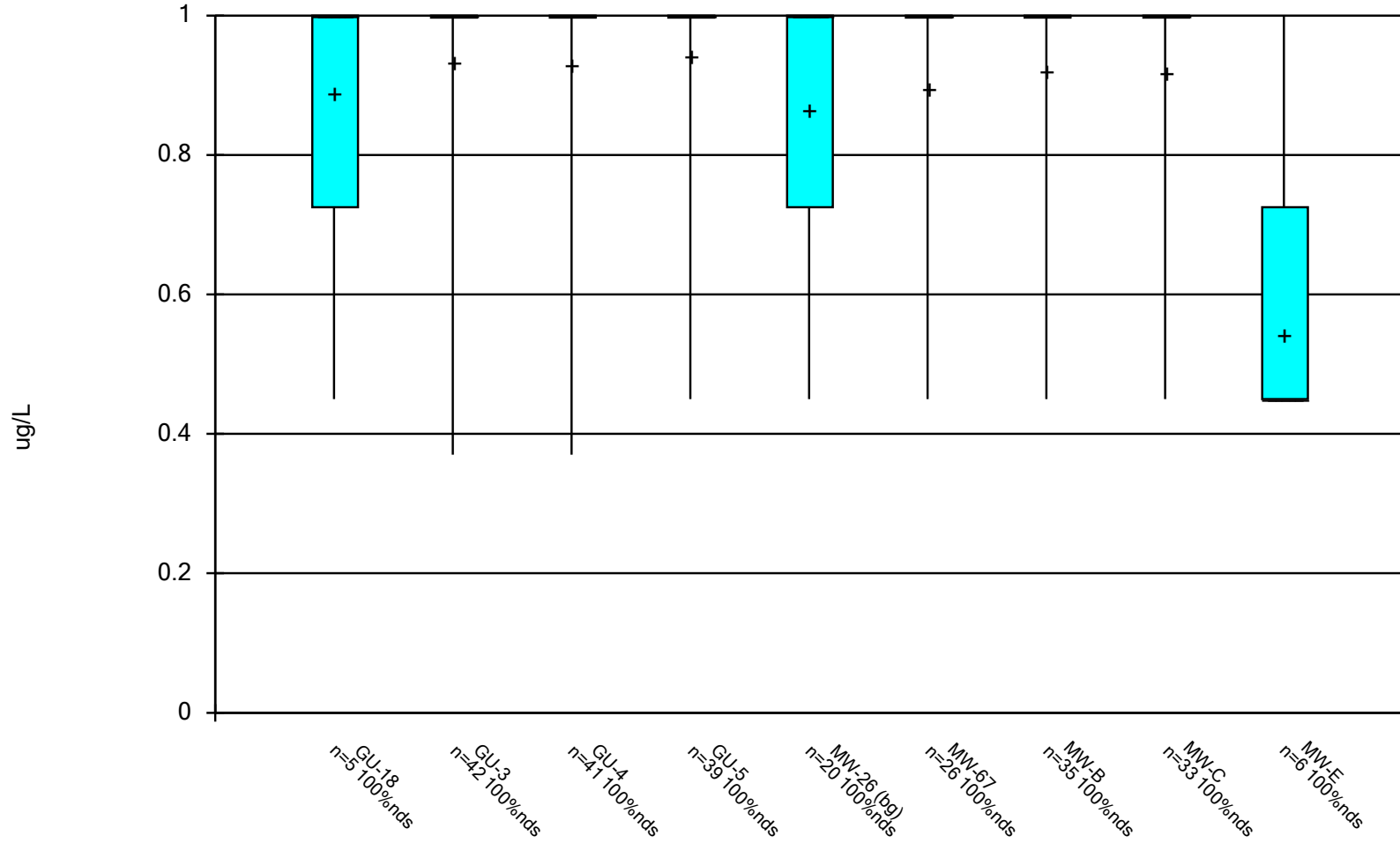
Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE PII PRIME flat

Box & Whiskers Plot



Constituent: 1,1,2,2-Tetrachloroethane Analysis Run 12/3/2024 5:09 PM View: Phase II - Appendix I VOC
Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE PII PRIME flat

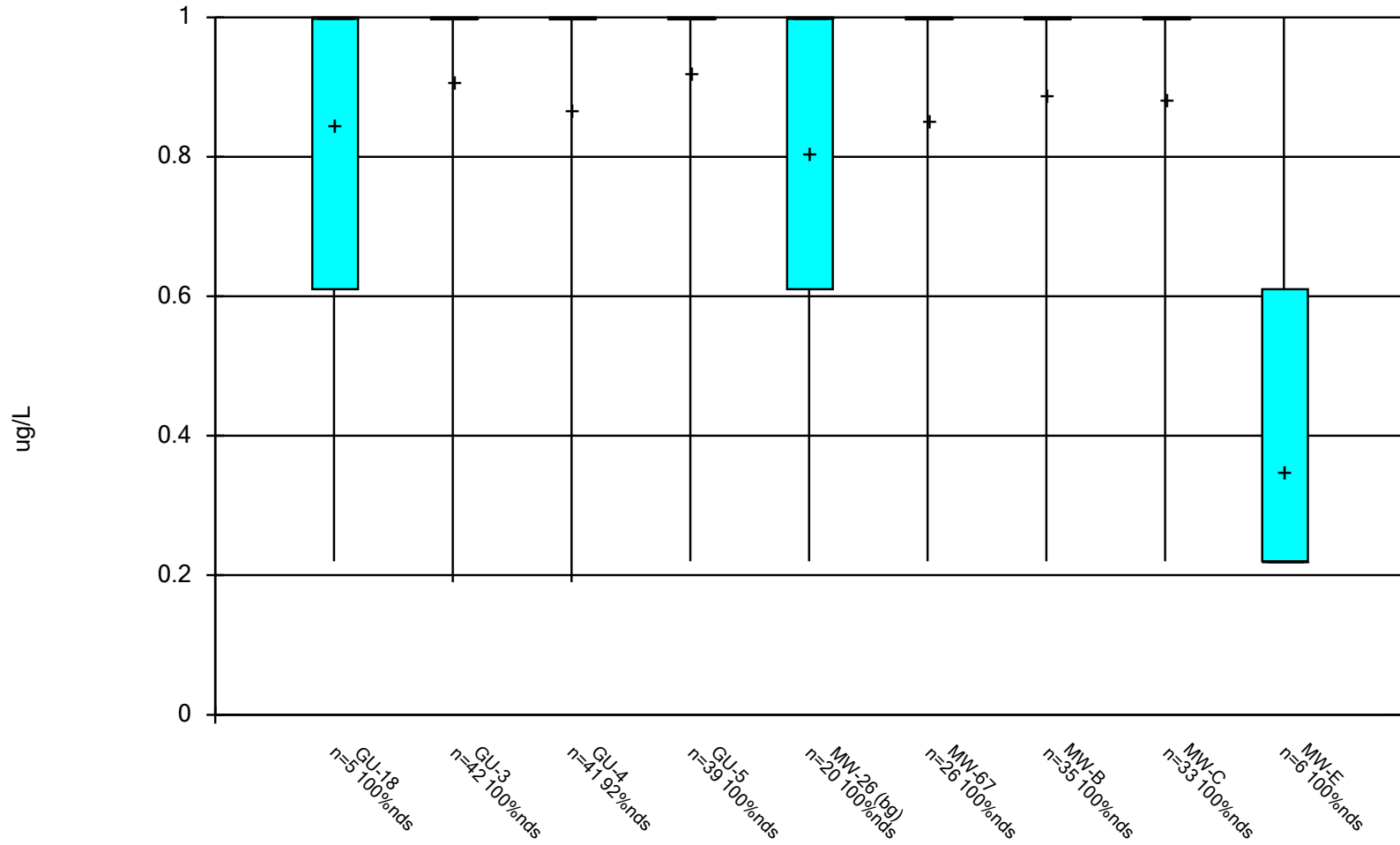
Box & Whiskers Plot



Constituent: 1,1,2-Trichloroethane Analysis Run 12/3/2024 5:09 PM View: Phase II - Appendix I VOCs

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE PII PRIME flat

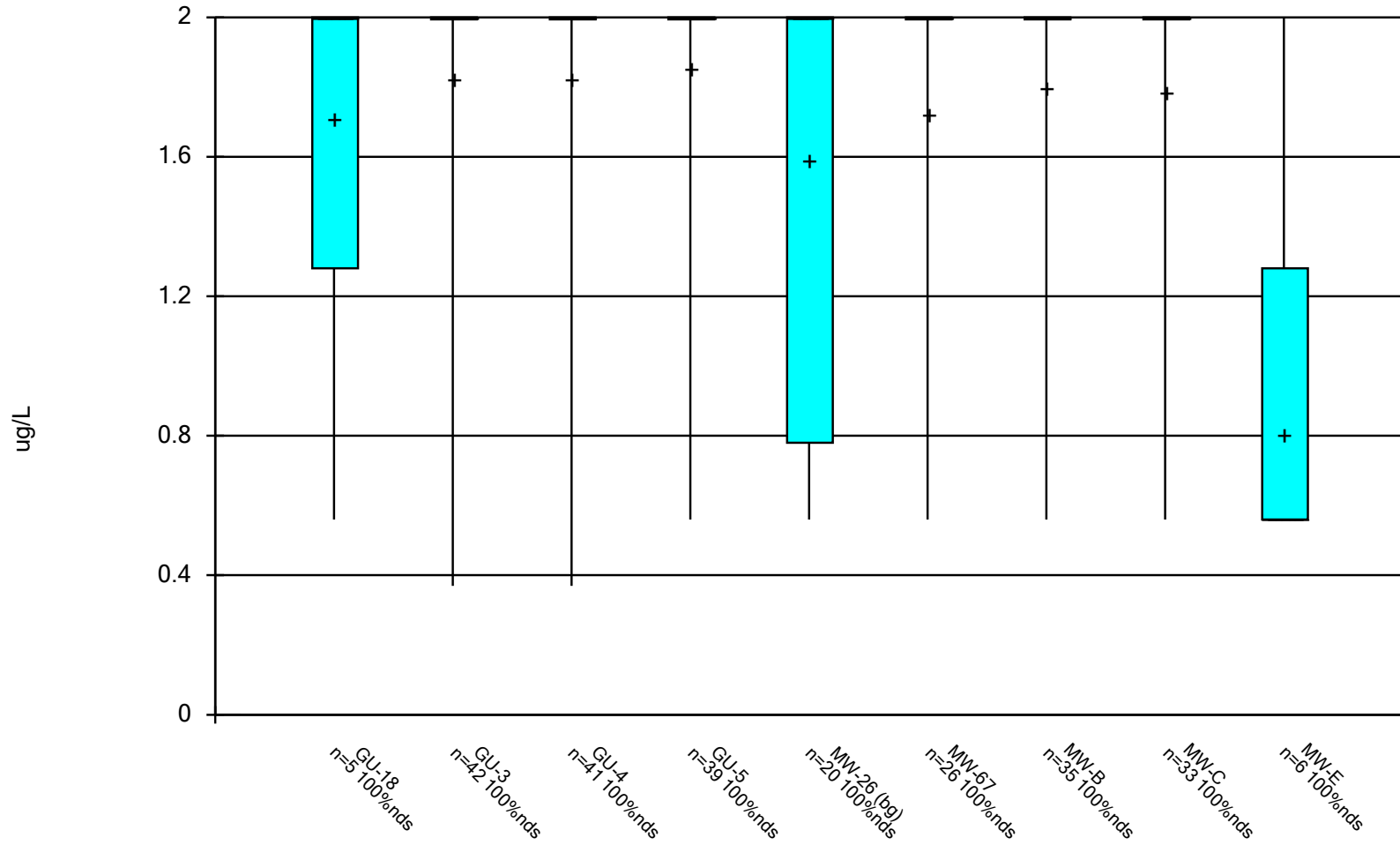
Box & Whiskers Plot



Constituent: 1,1-Dichloroethane Analysis Run 12/3/2024 5:09 PM View: Phase II - Appendix I VOCs

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE PII PRIME flat

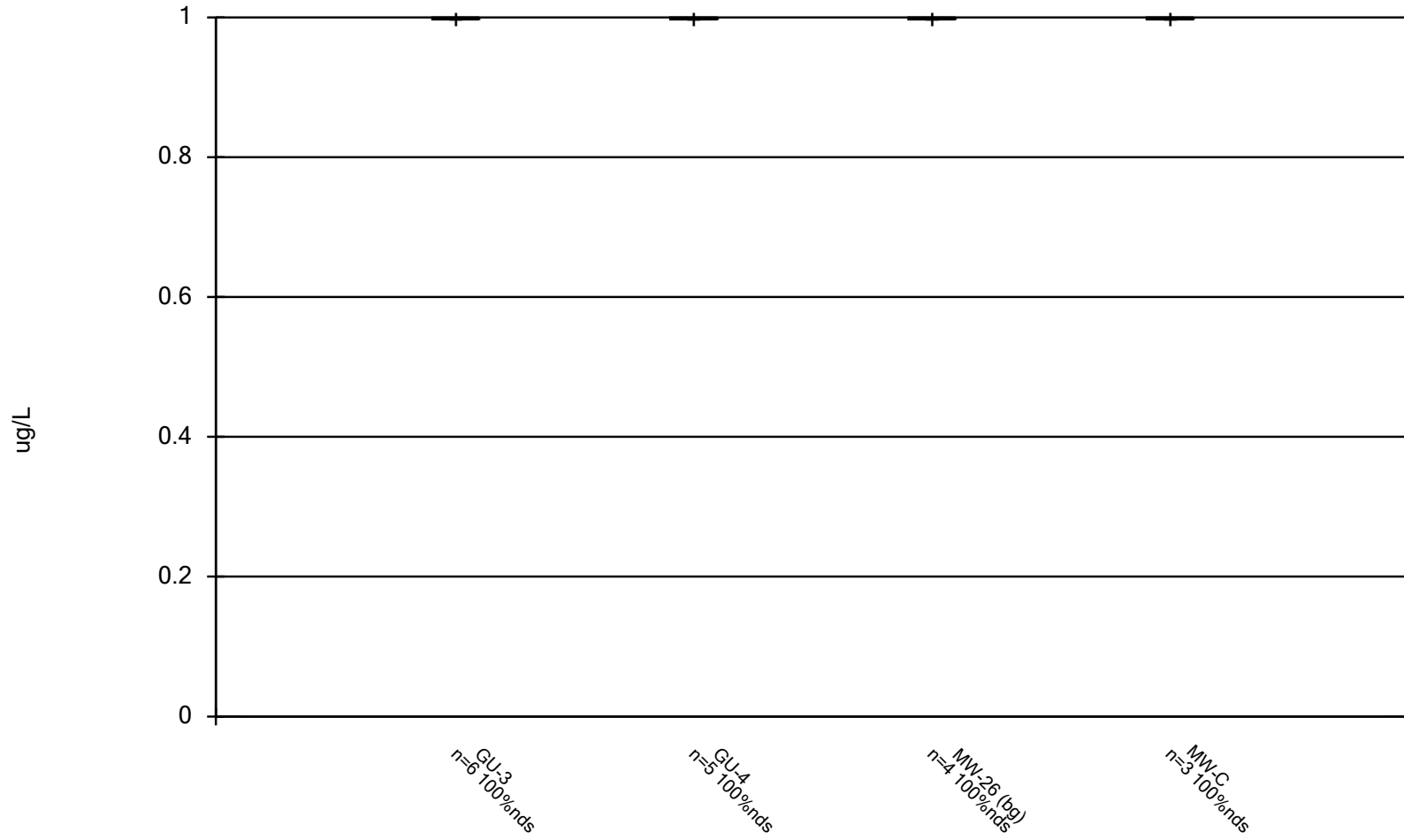
Box & Whiskers Plot



Constituent: 1,1-Dichloroethene Analysis Run 12/3/2024 5:09 PM View: Phase II - Appendix I VOCs

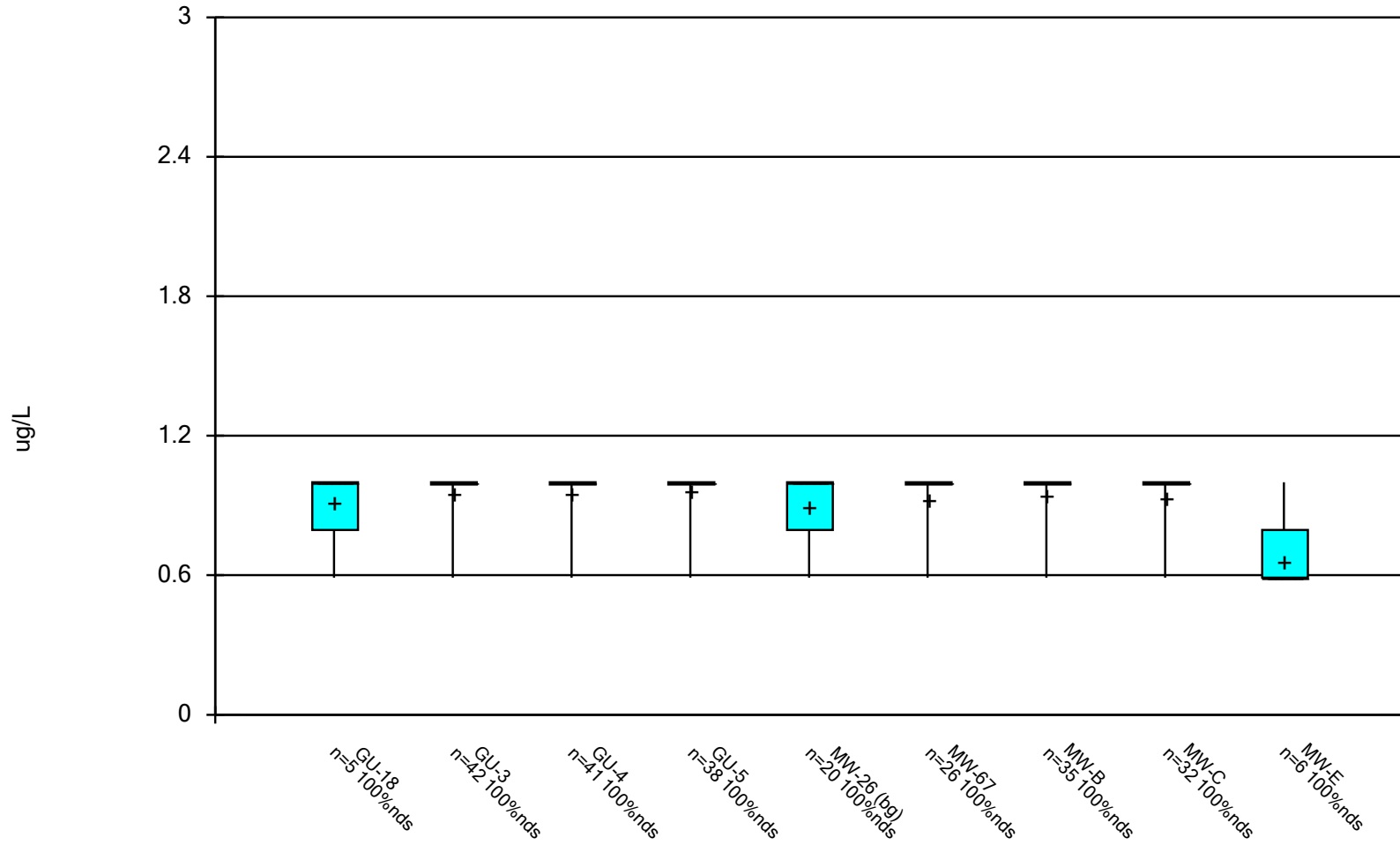
Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE PII PRIME flat

Box & Whiskers Plot



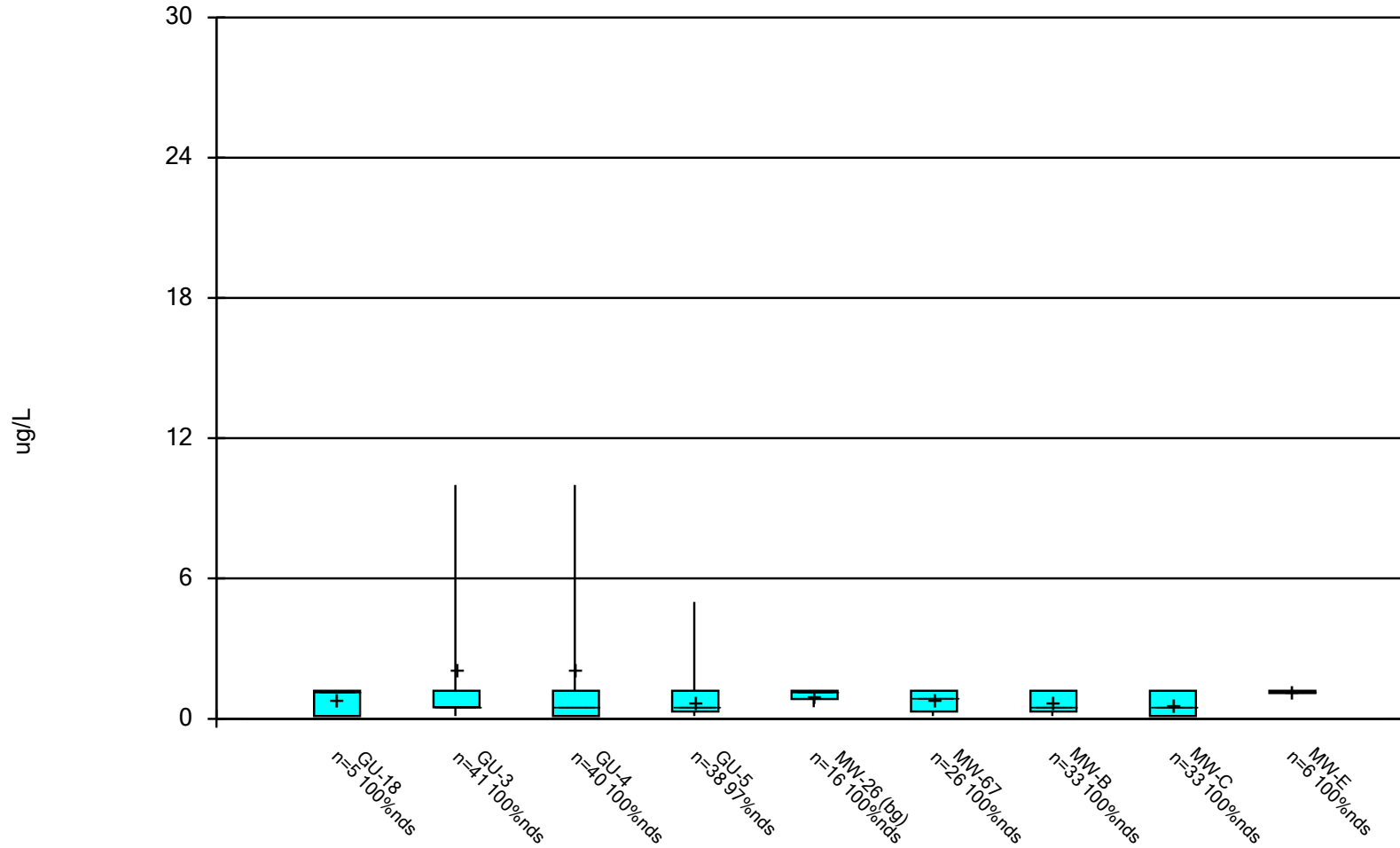
Constituent: 1,1-Dichloropropene Analysis Run 12/3/2024 5:09 PM View: Phase II - Appendix I VOCs
Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE PII PRIME flat

Box & Whiskers Plot



Constituent: 1,2,3-Trichloropropane Analysis Run 12/3/2024 5:09 PM View: Phase II - Appendix I VOCs
Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE PII PRIME flat

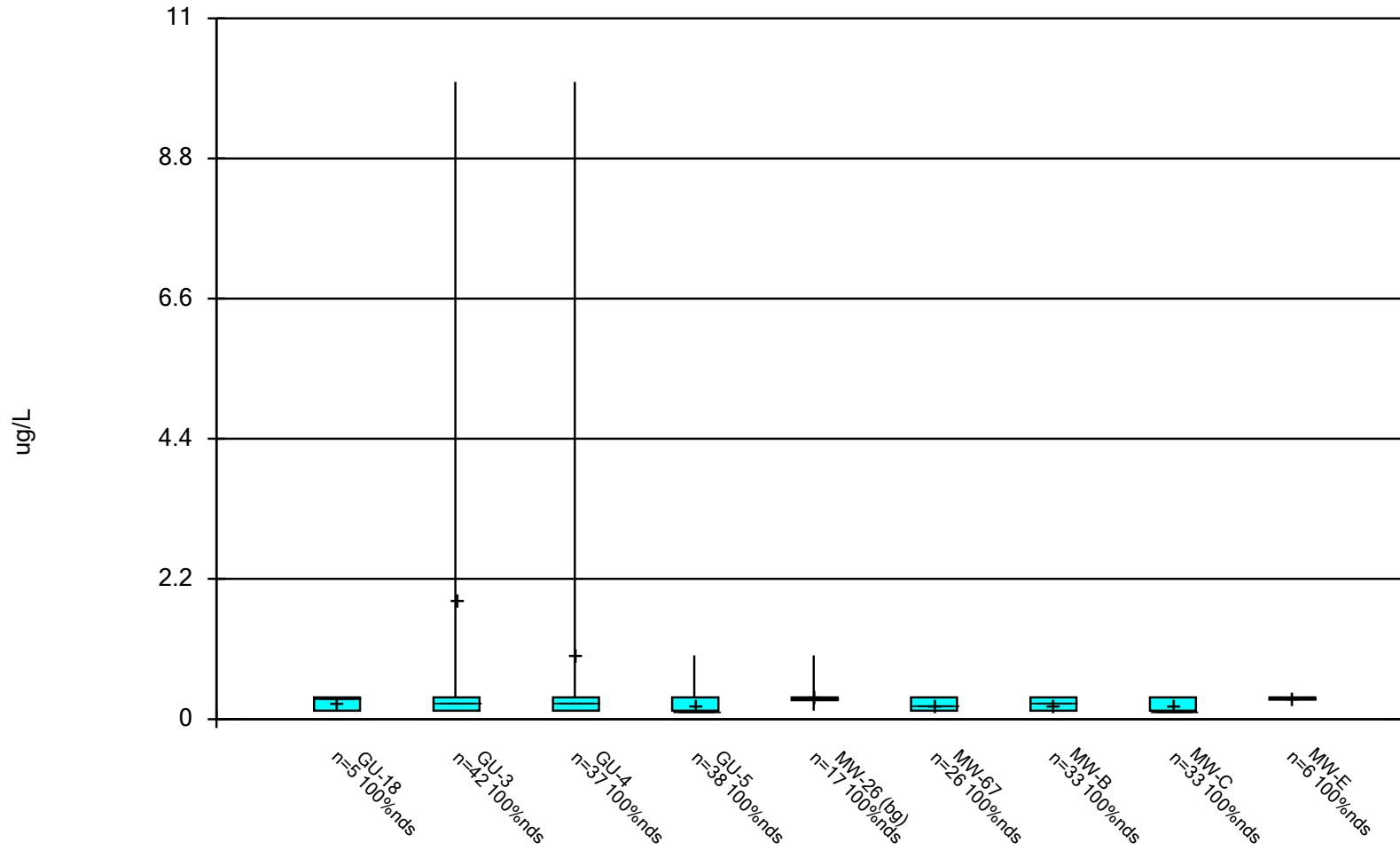
Box & Whiskers Plot



Constituent: 1,2-Dibromo-3-chloropropane Analysis Run 12/3/2024 5:09 PM View: Phase II - Appendix I V

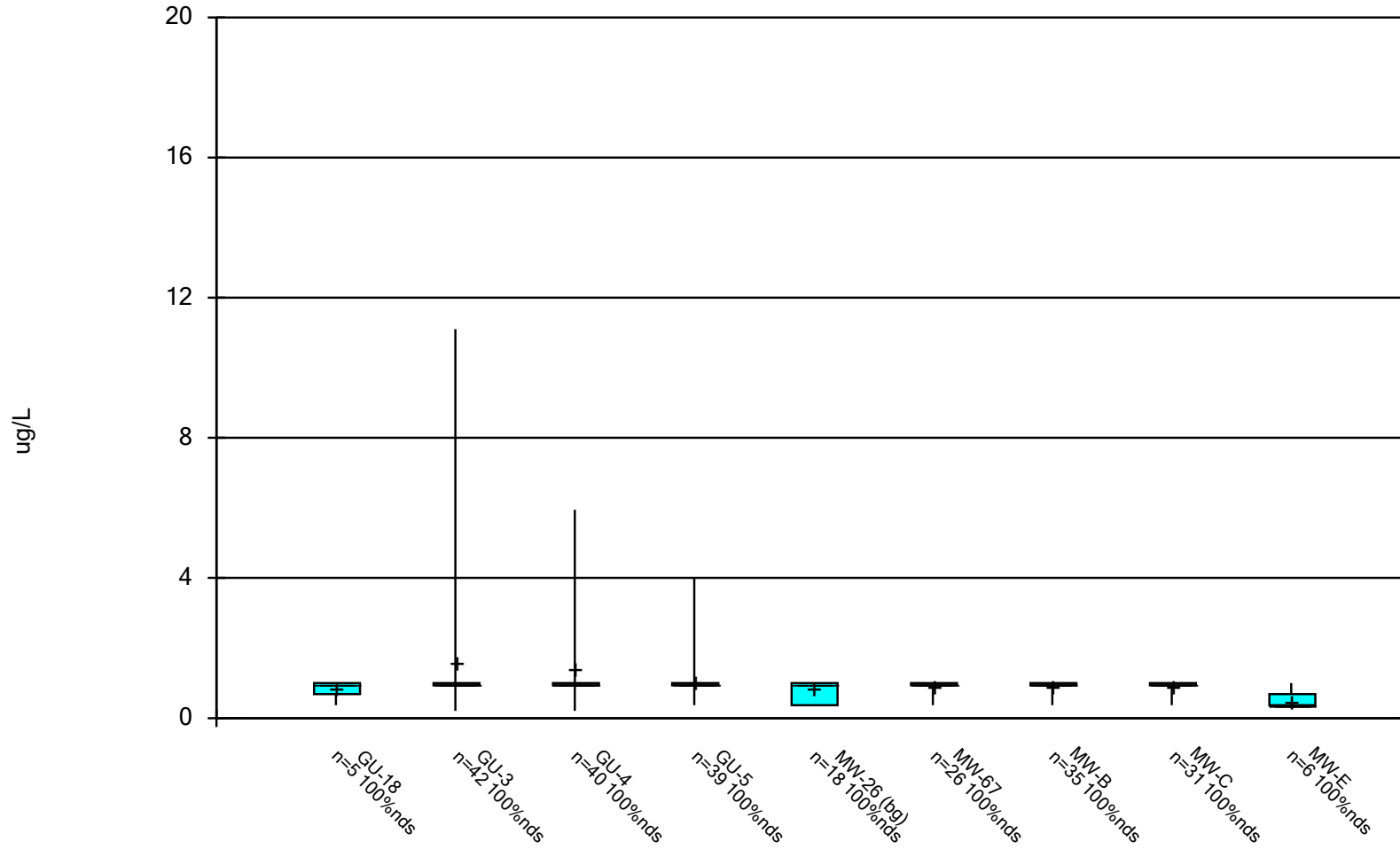
Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE PII PRIME flat

Box & Whiskers Plot



Constituent: 1,2-Dibromoethane [EDB] Analysis Run 12/3/2024 5:09 PM View: Phase II - Appendix I VOC
Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE PII PRIME flat

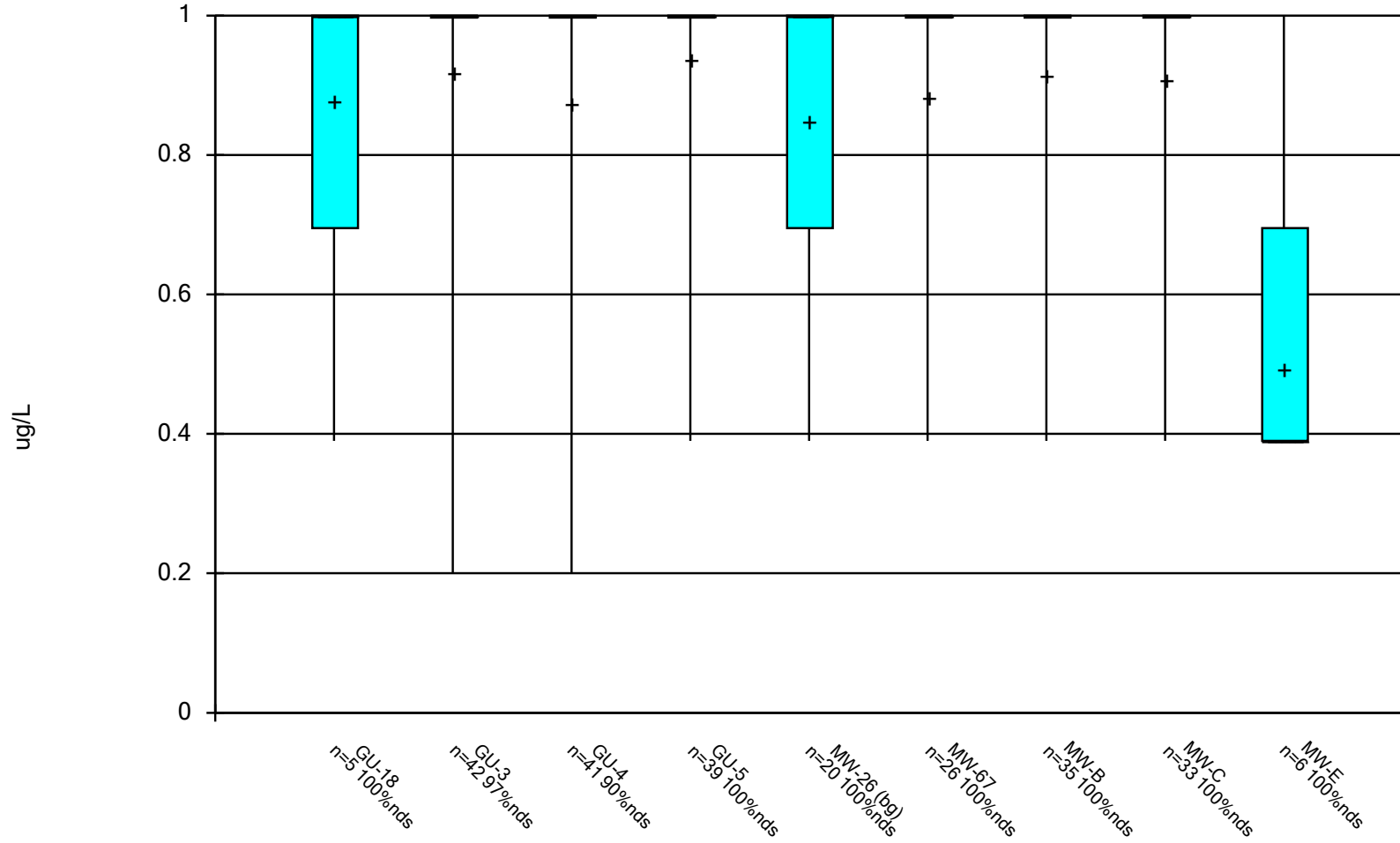
Box & Whiskers Plot



Constituent: 1,2-Dichlorobenzene Analysis Run 12/3/2024 5:09 PM View: Phase II - Appendix I VOCs

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE PII PRIME flat

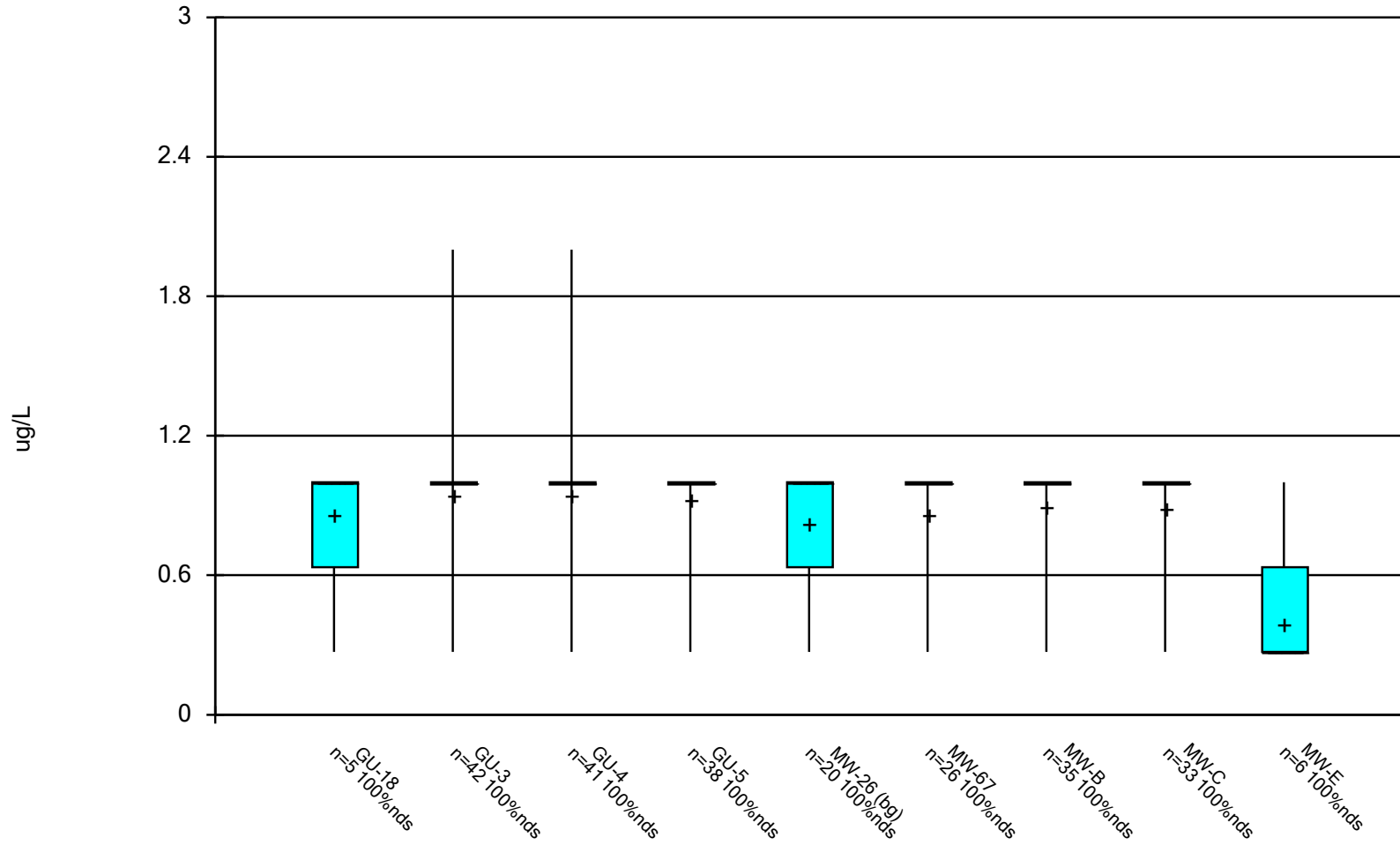
Box & Whiskers Plot



Constituent: 1,2-Dichloroethane Analysis Run 12/3/2024 5:09 PM View: Phase II - Appendix I VOCs

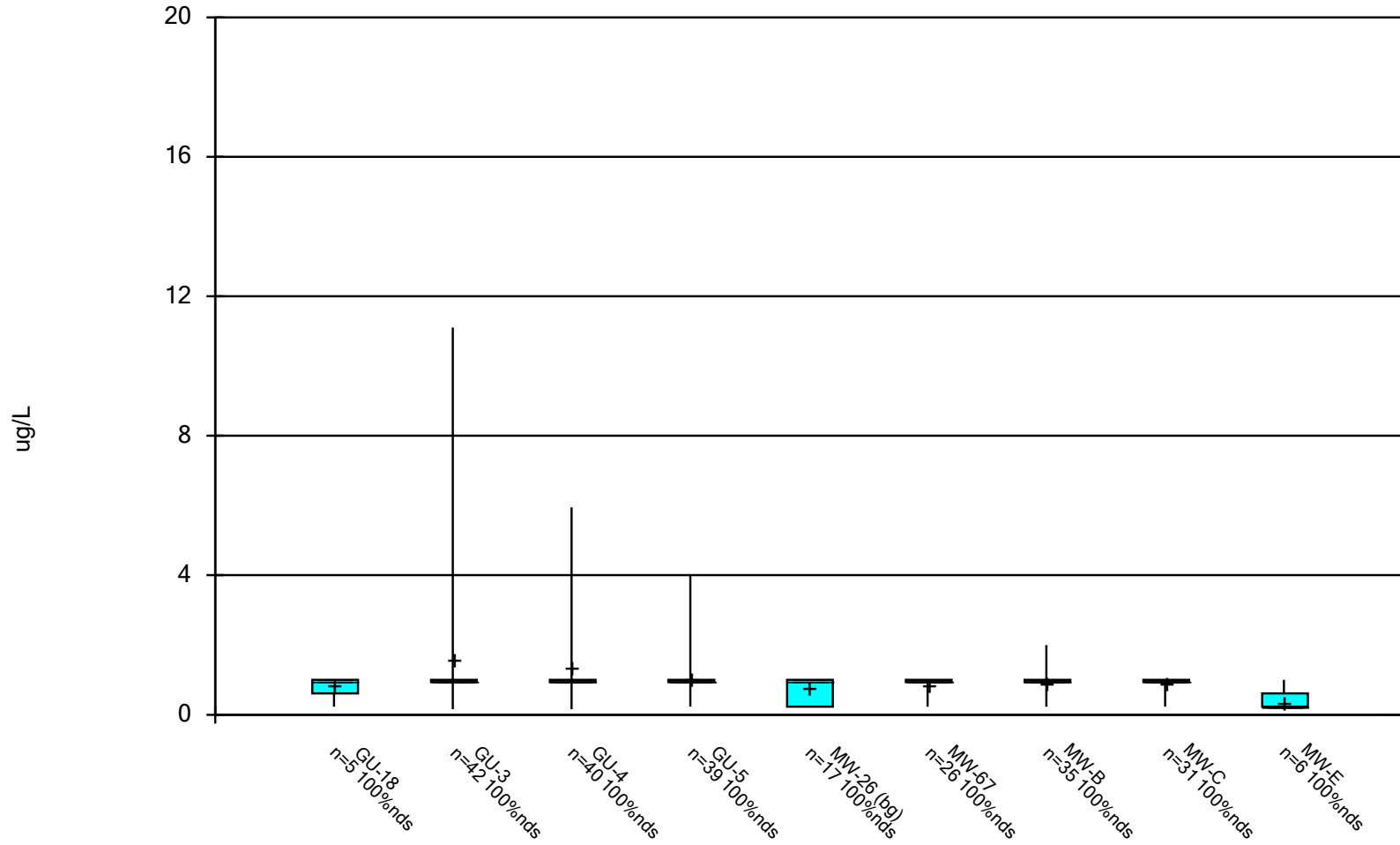
Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE PII PRIME flat

Box & Whiskers Plot



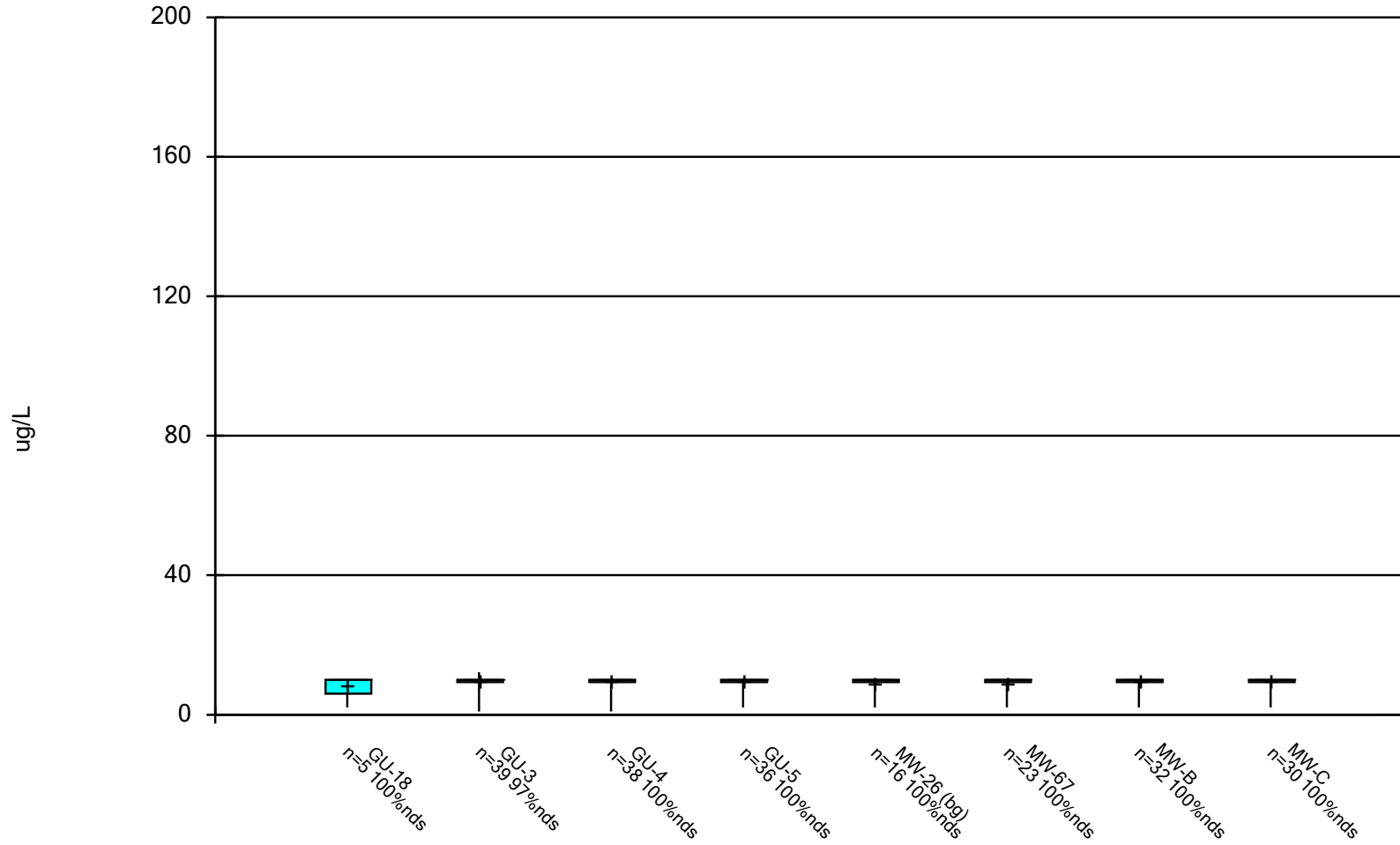
Constituent: 1,2-Dichloropropane Analysis Run 12/3/2024 5:09 PM View: Phase II - Appendix I VOCs
Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE PII PRIME flat

Box & Whiskers Plot



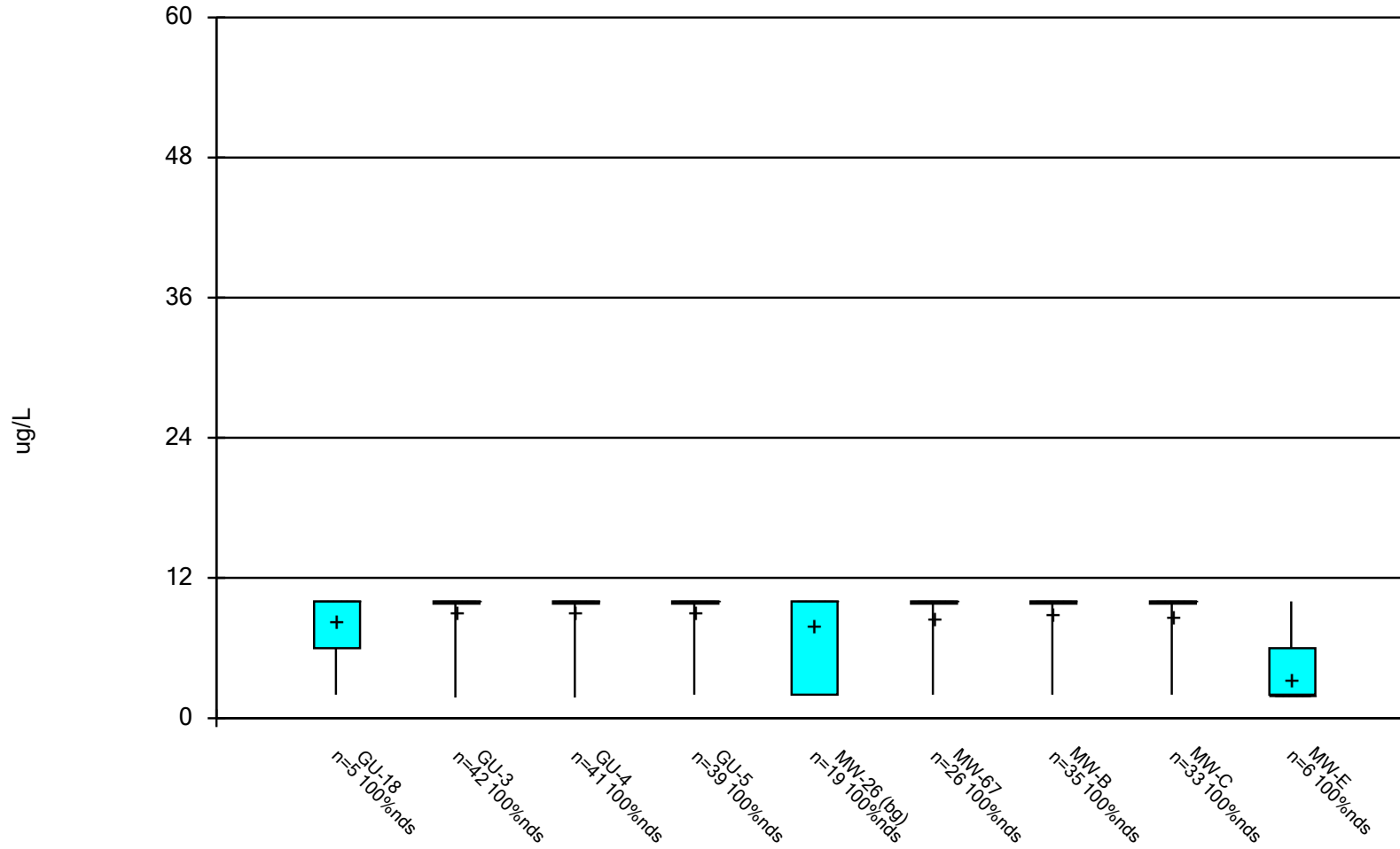
Constituent: 1,4-Dichlorobenzene Analysis Run 12/3/2024 5:09 PM View: Phase II - Appendix I VOCs
Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE PII PRIME flat

Box & Whiskers Plot



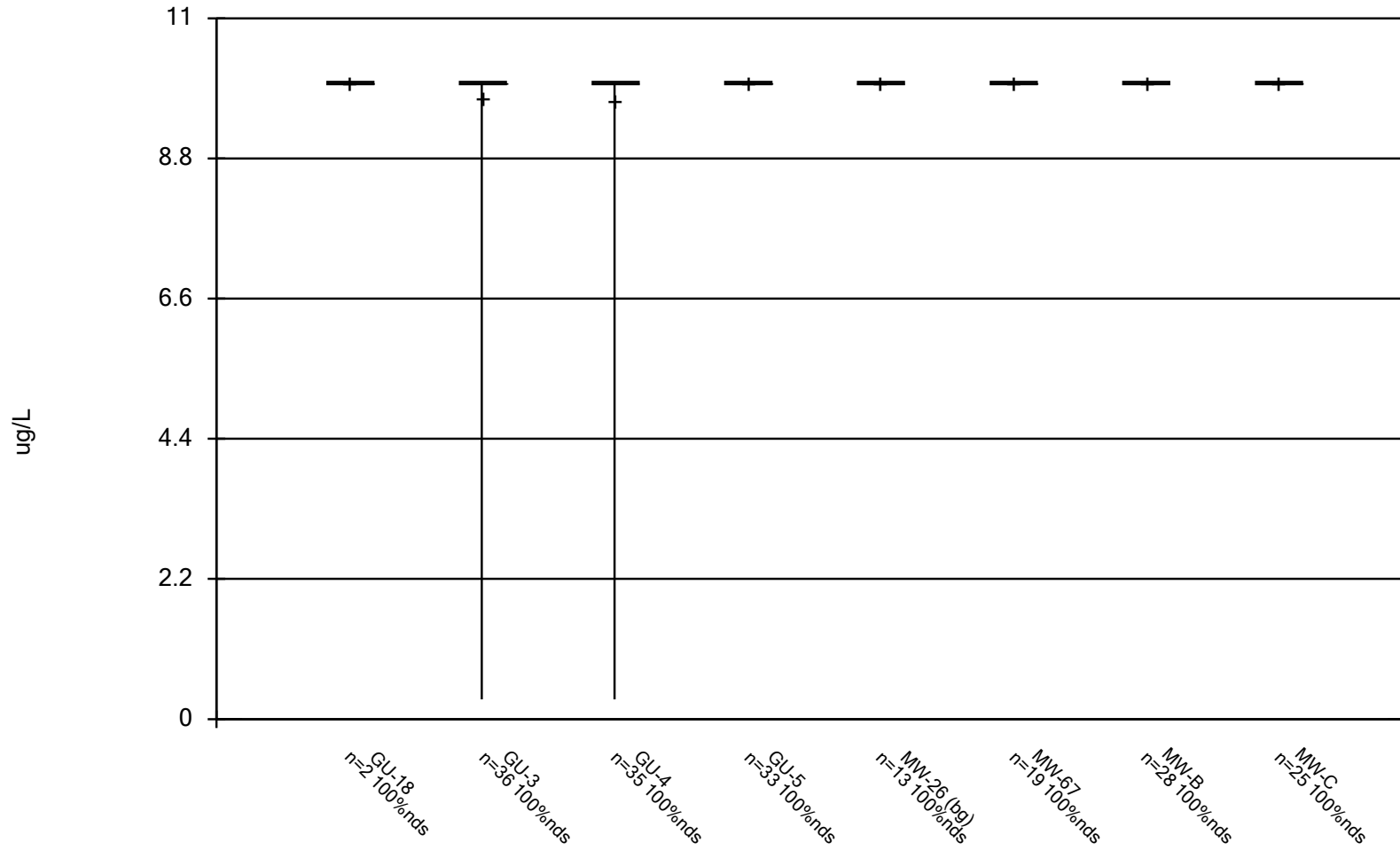
Constituent: 2-Butanone [MEK] Analysis Run 12/3/2024 5:09 PM View: Phase II - Appendix I VOCs
Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE PII PRIME flat

Box & Whiskers Plot



Constituent: 2-Hexanone Analysis Run 12/3/2024 5:09 PM View: Phase II - Appendix I VOCs
Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE PII PRIME flat

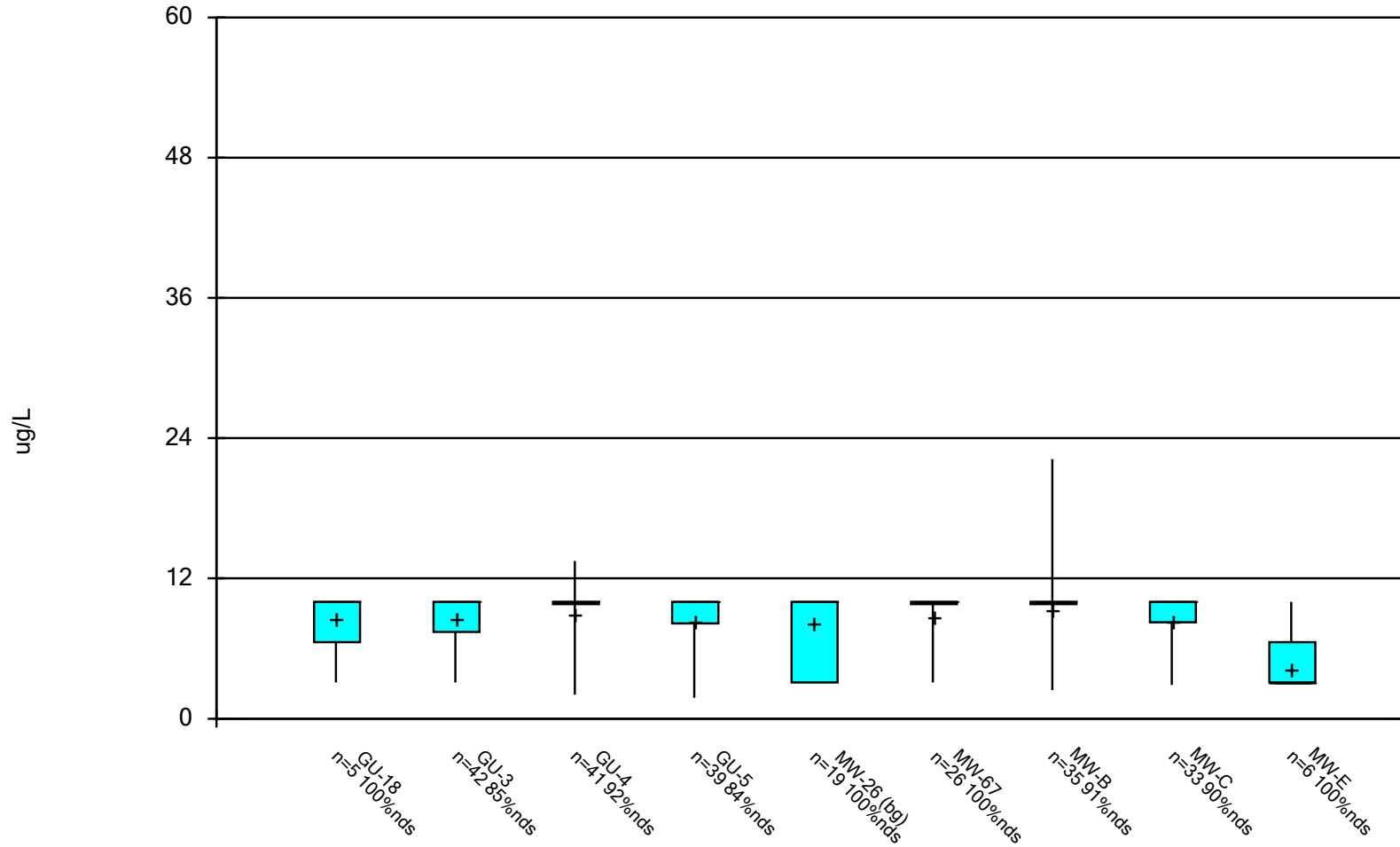
Box & Whiskers Plot



Constituent: 4-Methyl-2-pentanone [MIBK] Analysis Run 12/3/2024 5:09 PM View: Phase II - Appendix I V

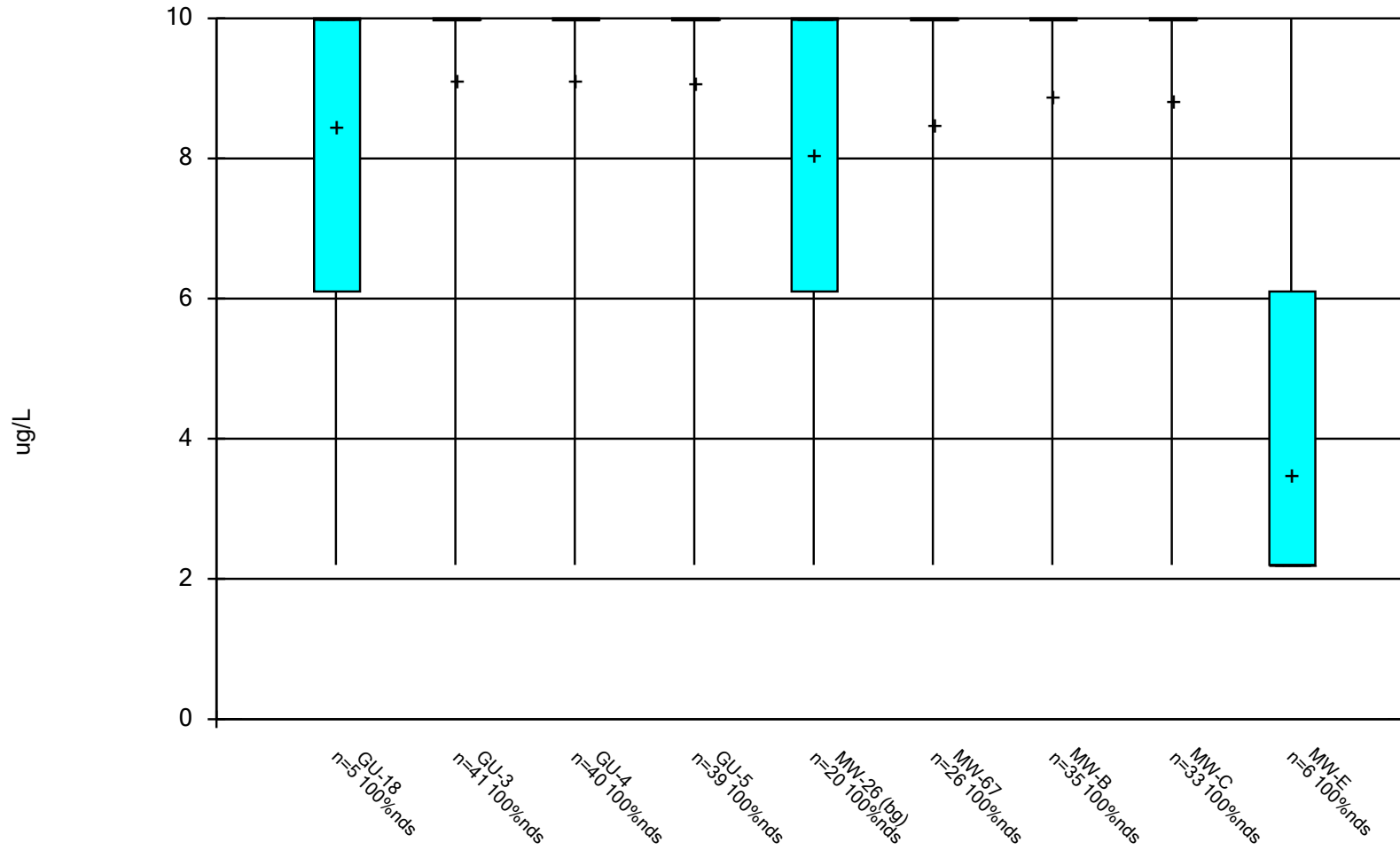
Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE PII PRIME flat

Box & Whiskers Plot



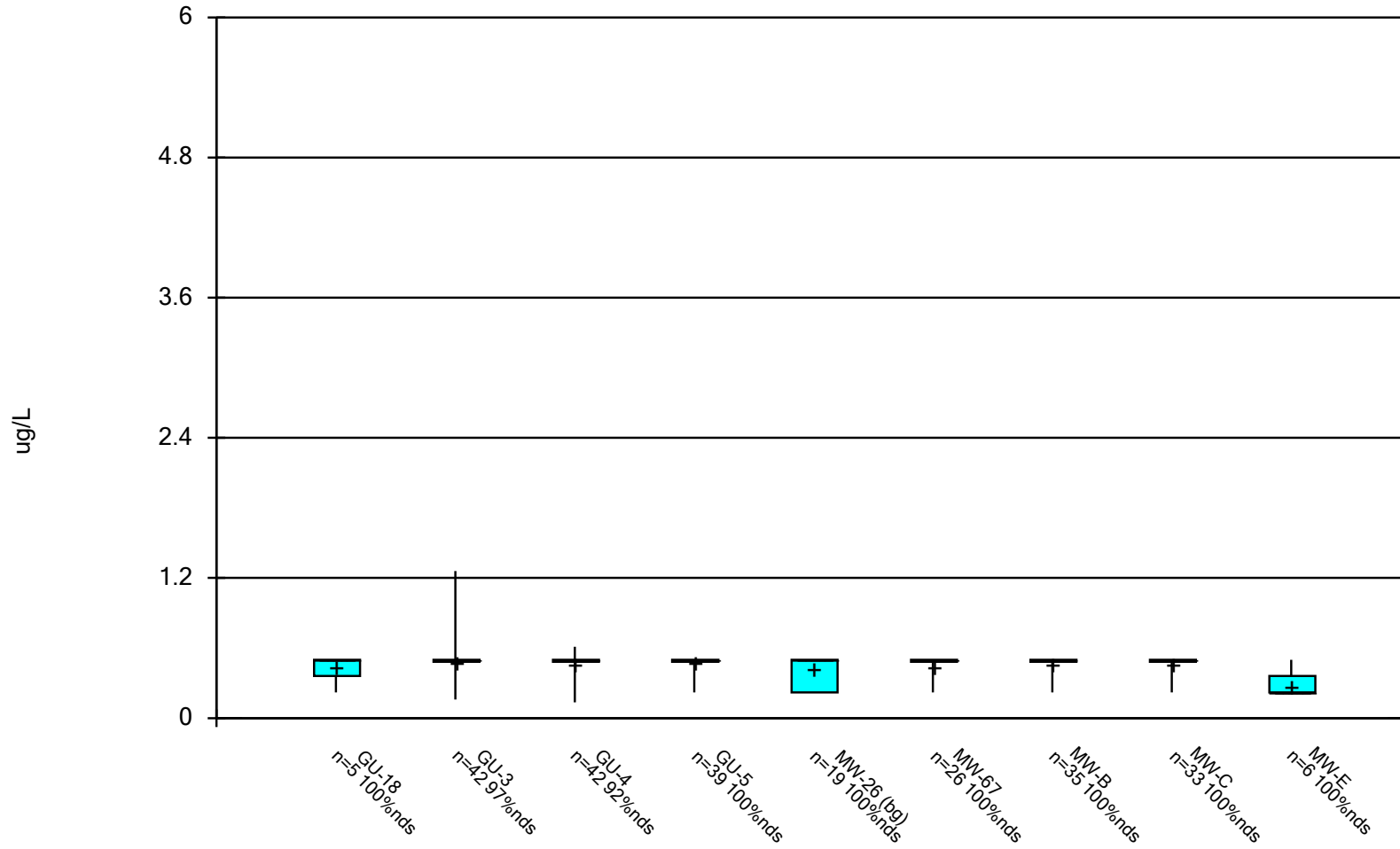
Constituent: Acetone Analysis Run 12/3/2024 5:09 PM View: Phase II - Appendix I VOCs
Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE PII PRIME flat

Box & Whiskers Plot



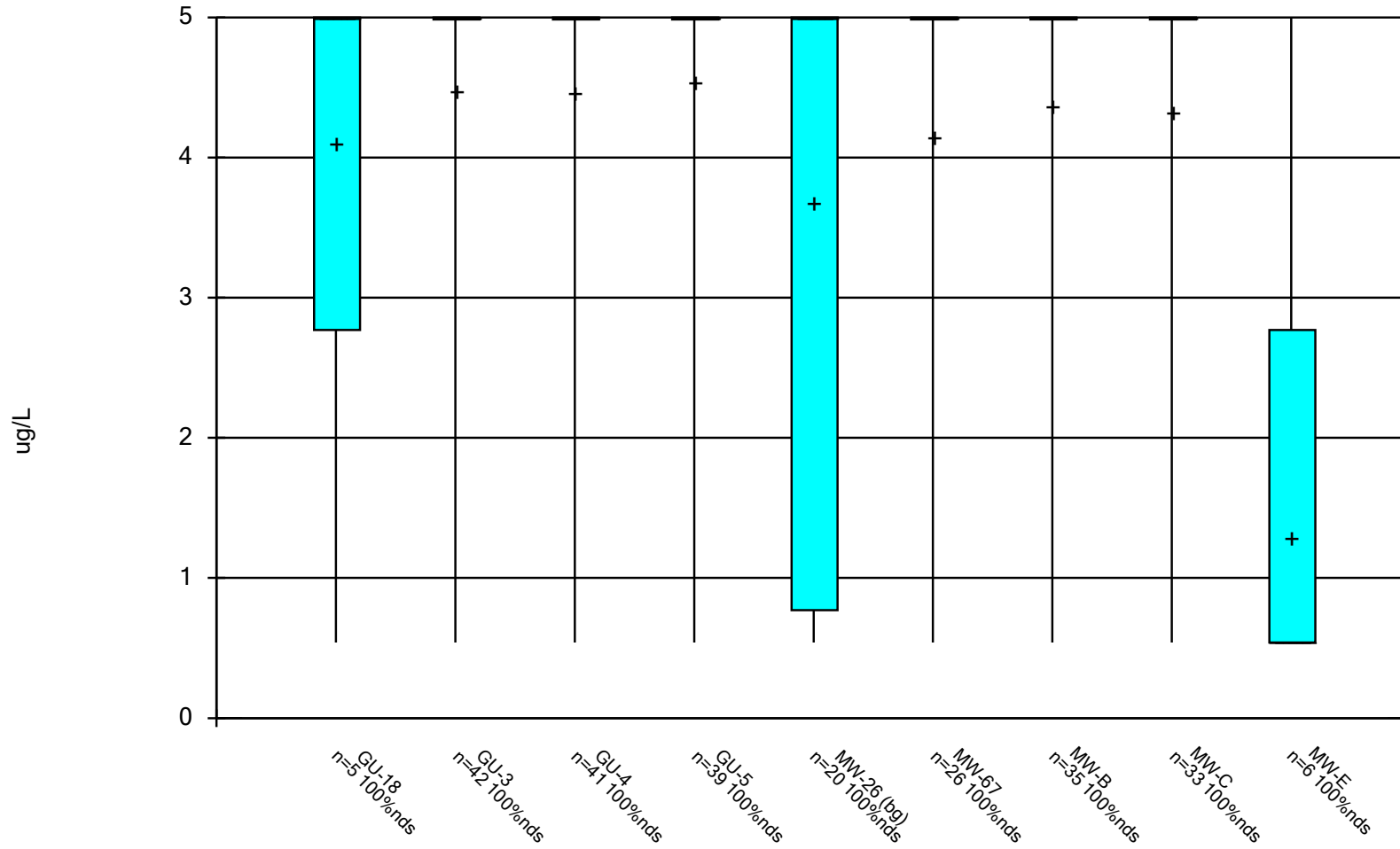
Constituent: Acrylonitrile Analysis Run 12/3/2024 5:09 PM View: Phase II - Appendix I VOCs
Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE PII PRIME flat

Box & Whiskers Plot



Constituent: Benzene Analysis Run 12/3/2024 5:09 PM View: Phase II - Appendix I VOCs
Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE PII PRIME flat

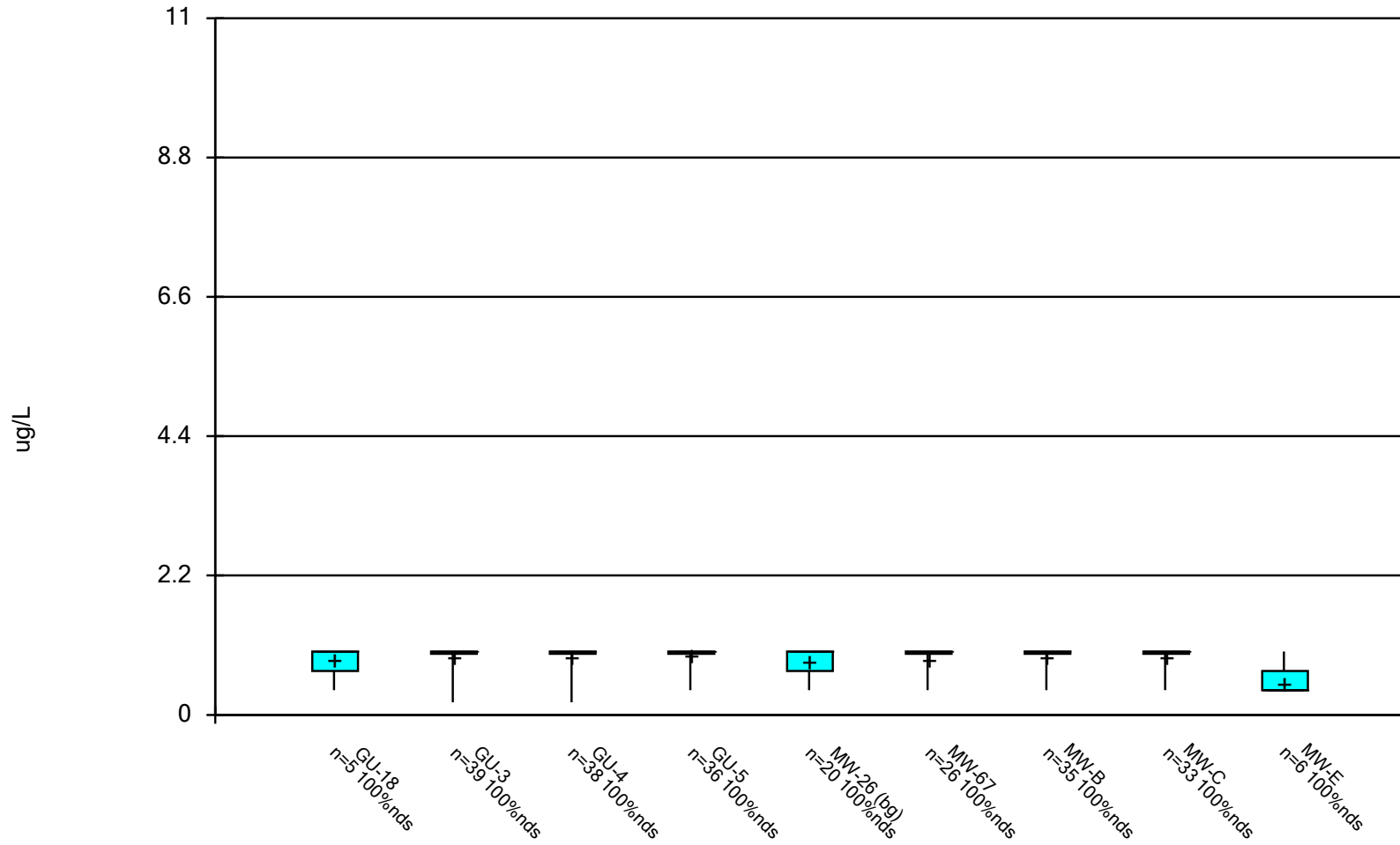
Box & Whiskers Plot



Constituent: Bromochloromethane Analysis Run 12/3/2024 5:09 PM View: Phase II - Appendix I VOCs

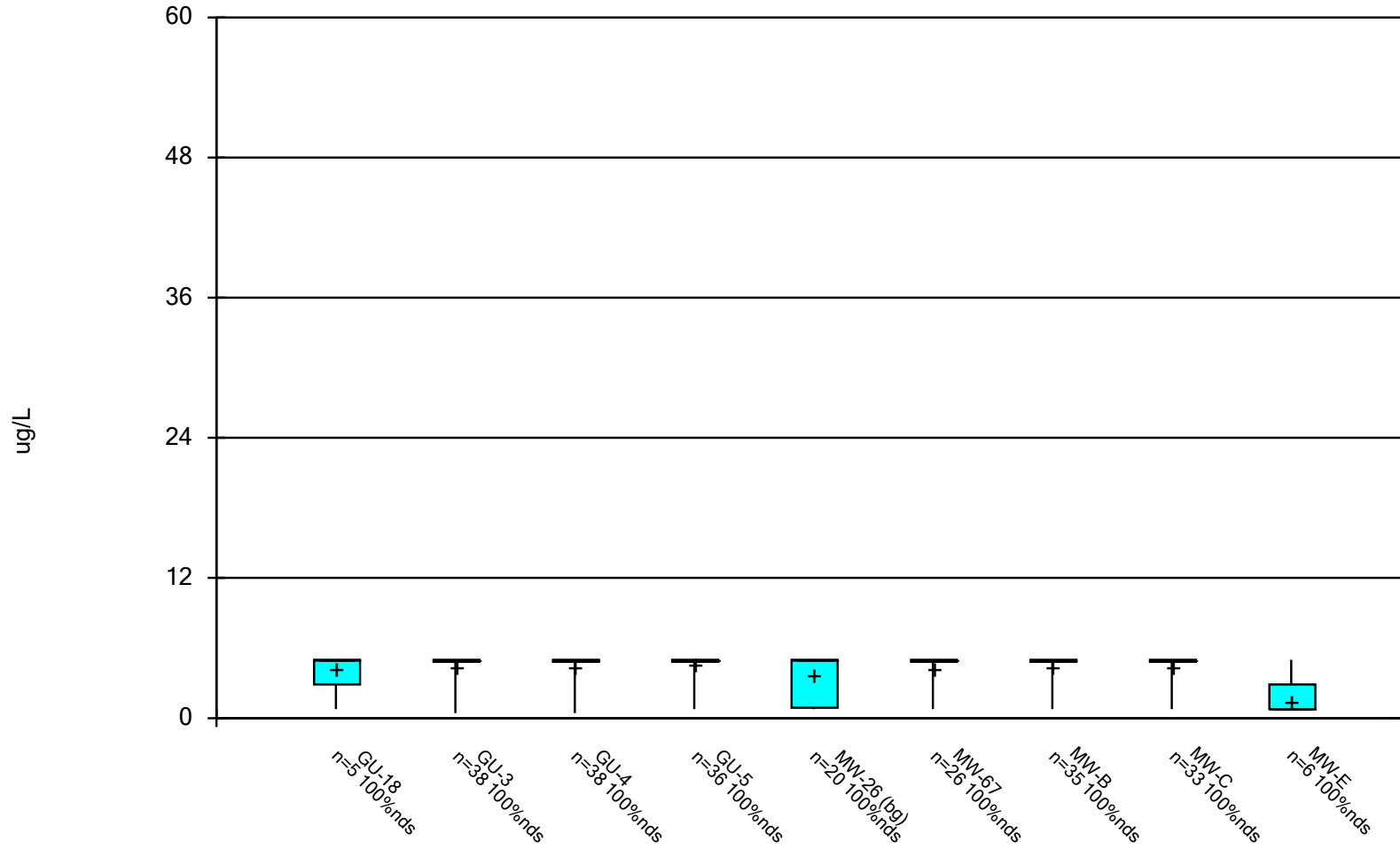
Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE PII PRIME flat

Box & Whiskers Plot



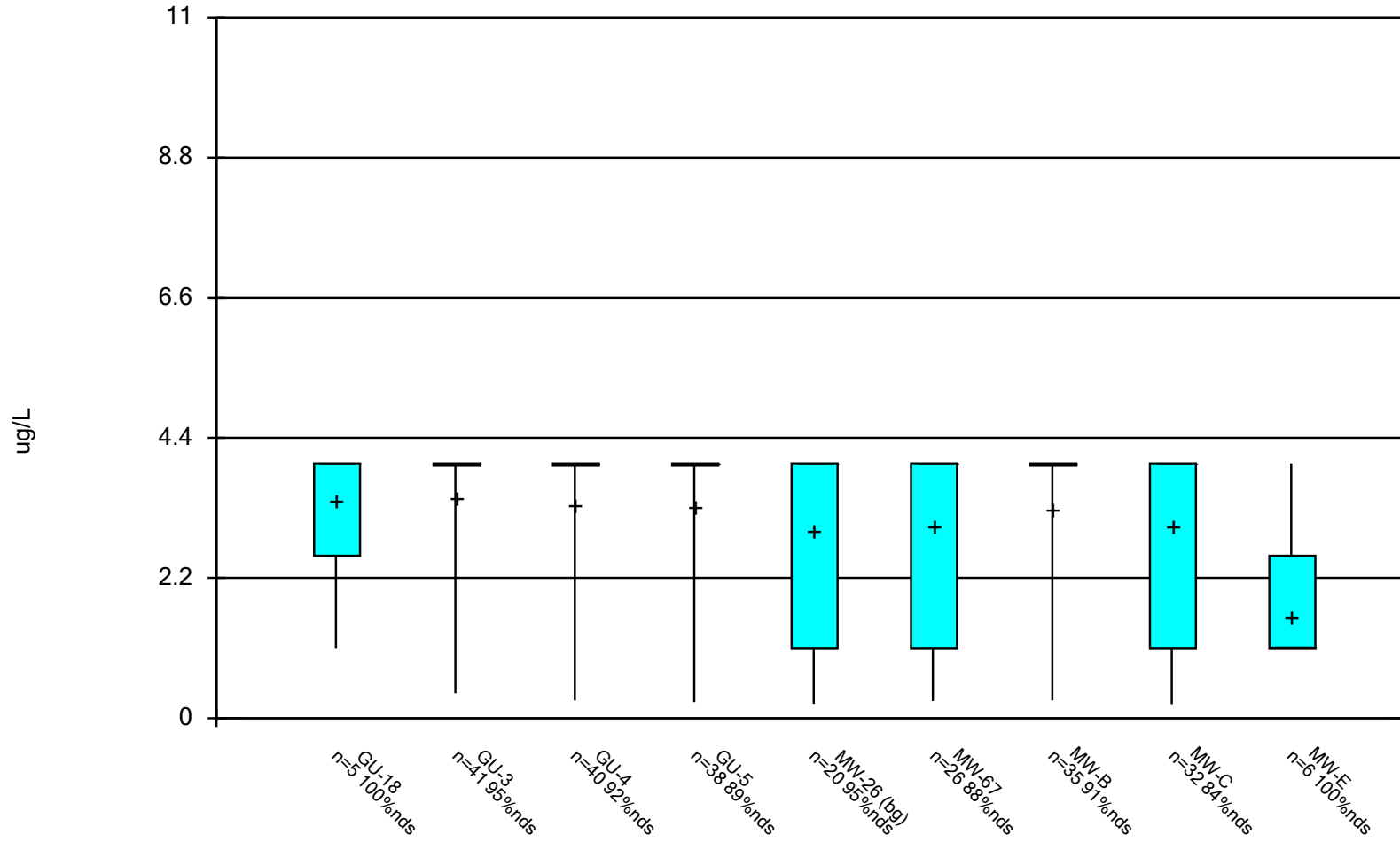
Constituent: Bromodichloromethane Analysis Run 12/3/2024 5:09 PM View: Phase II - Appendix I VOCs
Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE PII PRIME flat

Box & Whiskers Plot



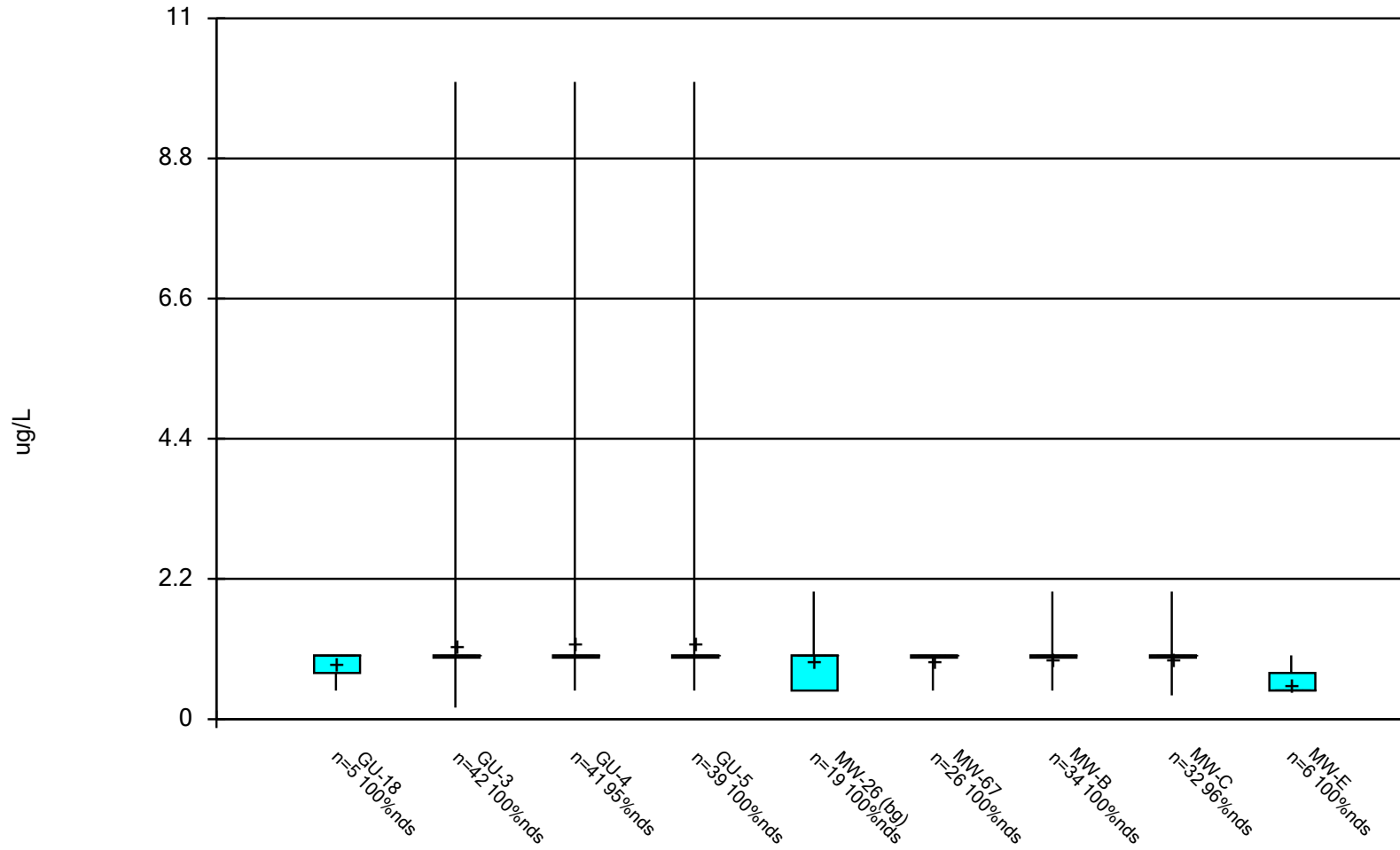
Constituent: Bromoform Analysis Run 12/3/2024 5:09 PM View: Phase II - Appendix I VOCs
Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE PII PRIME flat

Box & Whiskers Plot



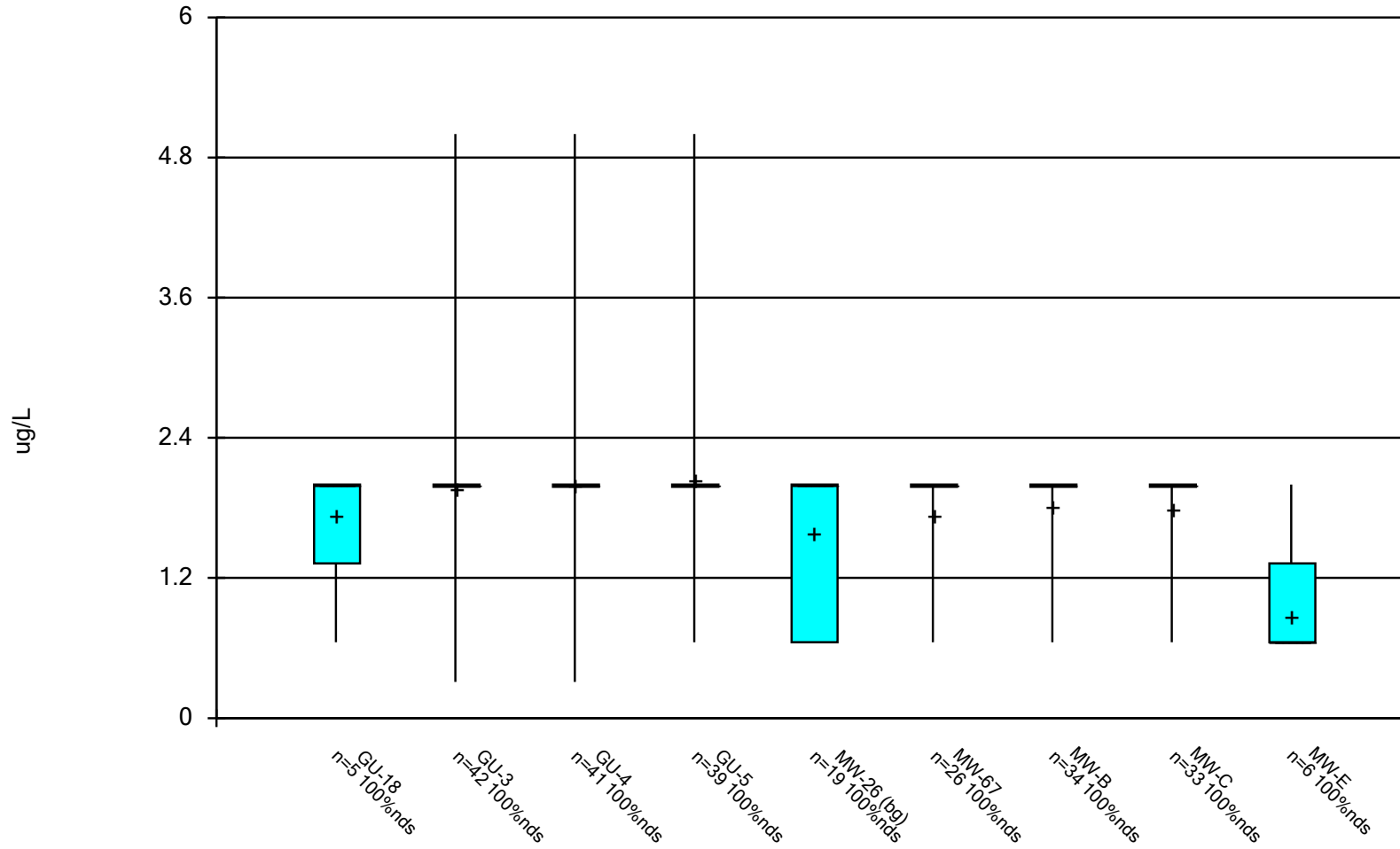
Constituent: Bromomethane Analysis Run 12/3/2024 5:09 PM View: Phase II - Appendix I VOCs
Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE PII PRIME flat

Box & Whiskers Plot



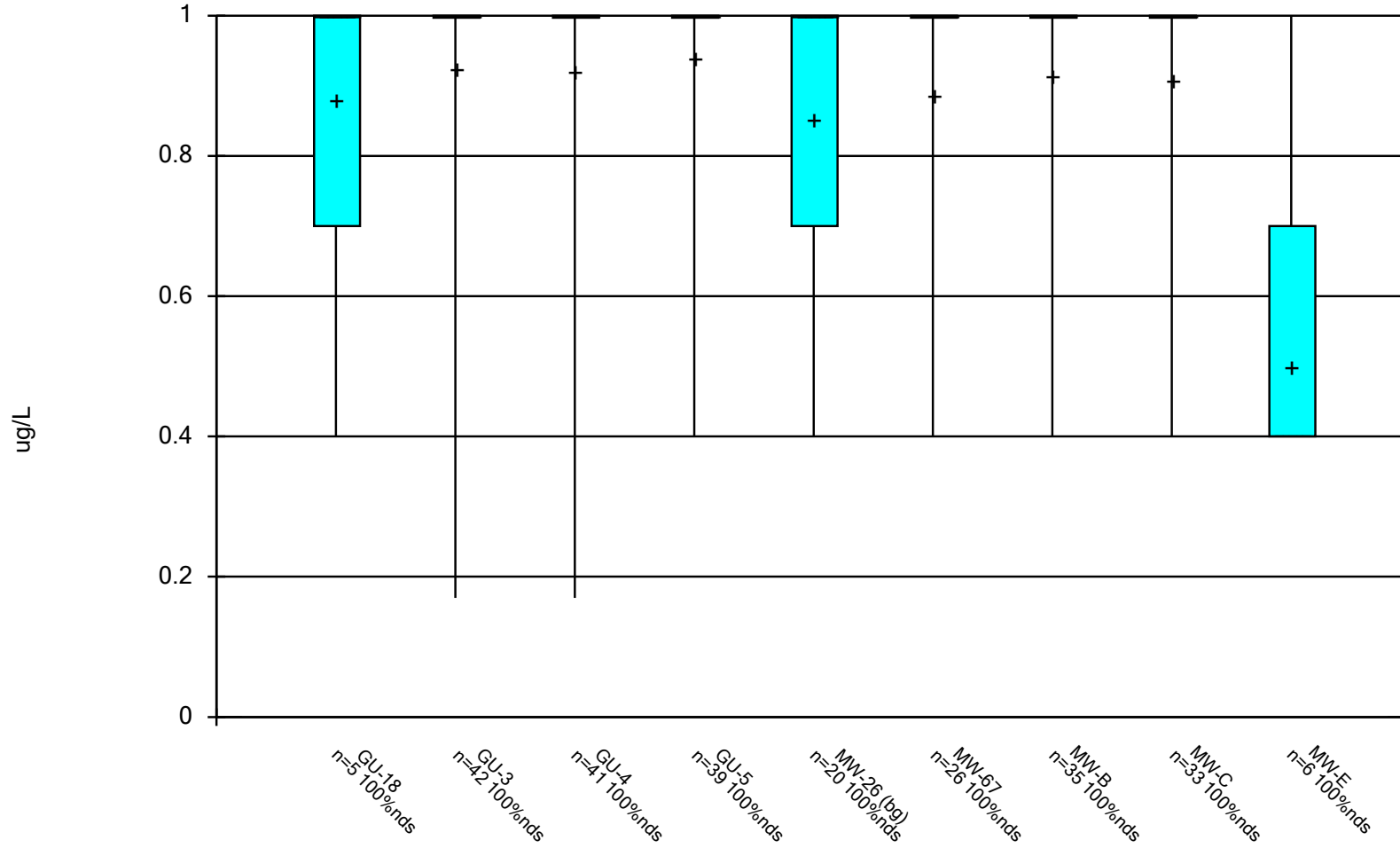
Constituent: Carbon disulfide Analysis Run 12/3/2024 5:09 PM View: Phase II - Appendix I VOCs
Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE PII PRIME flat

Box & Whiskers Plot



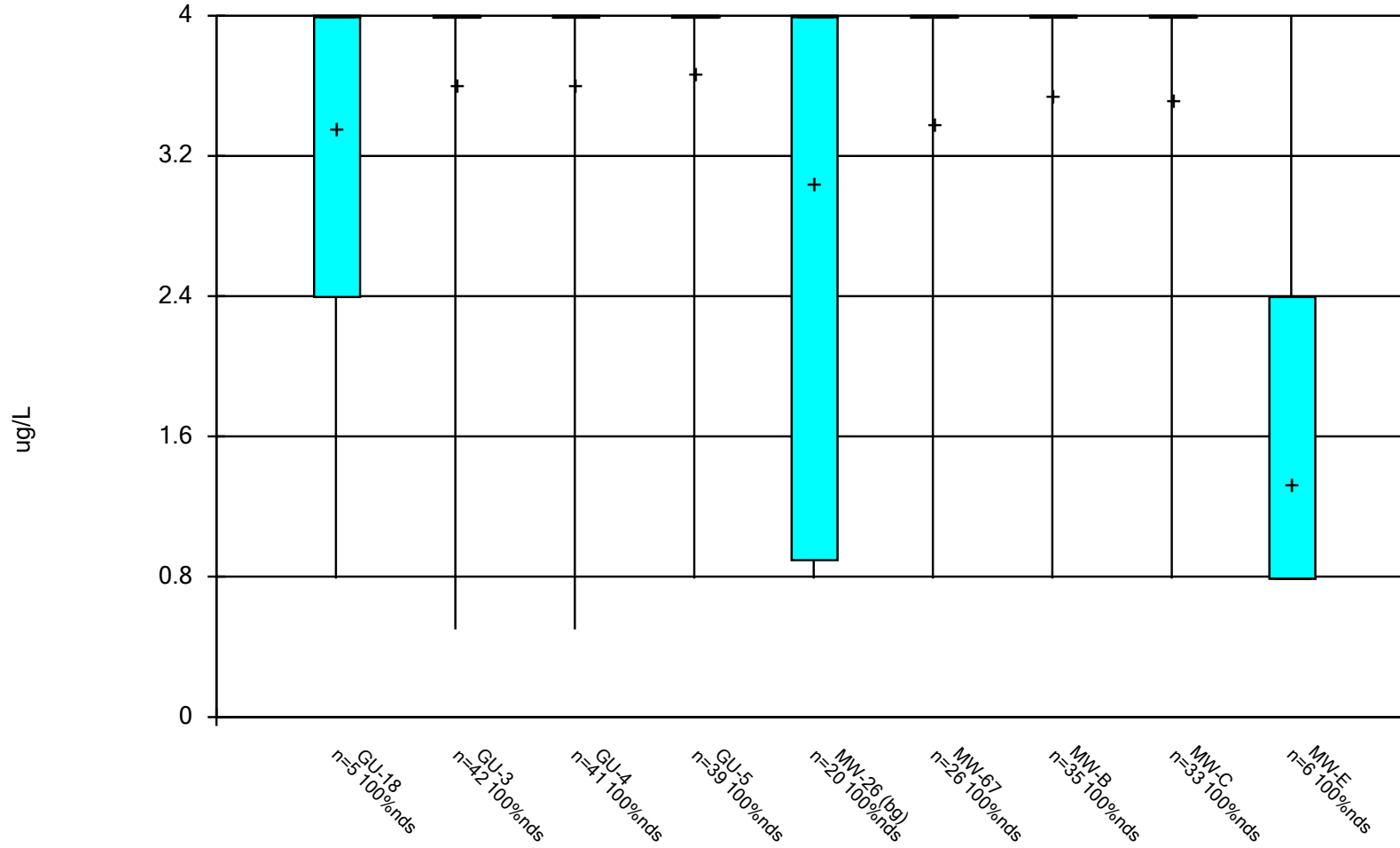
Constituent: Carbon Tetrachloride Analysis Run 12/3/2024 5:09 PM View: Phase II - Appendix I VOCs
Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE PII PRIME flat

Box & Whiskers Plot



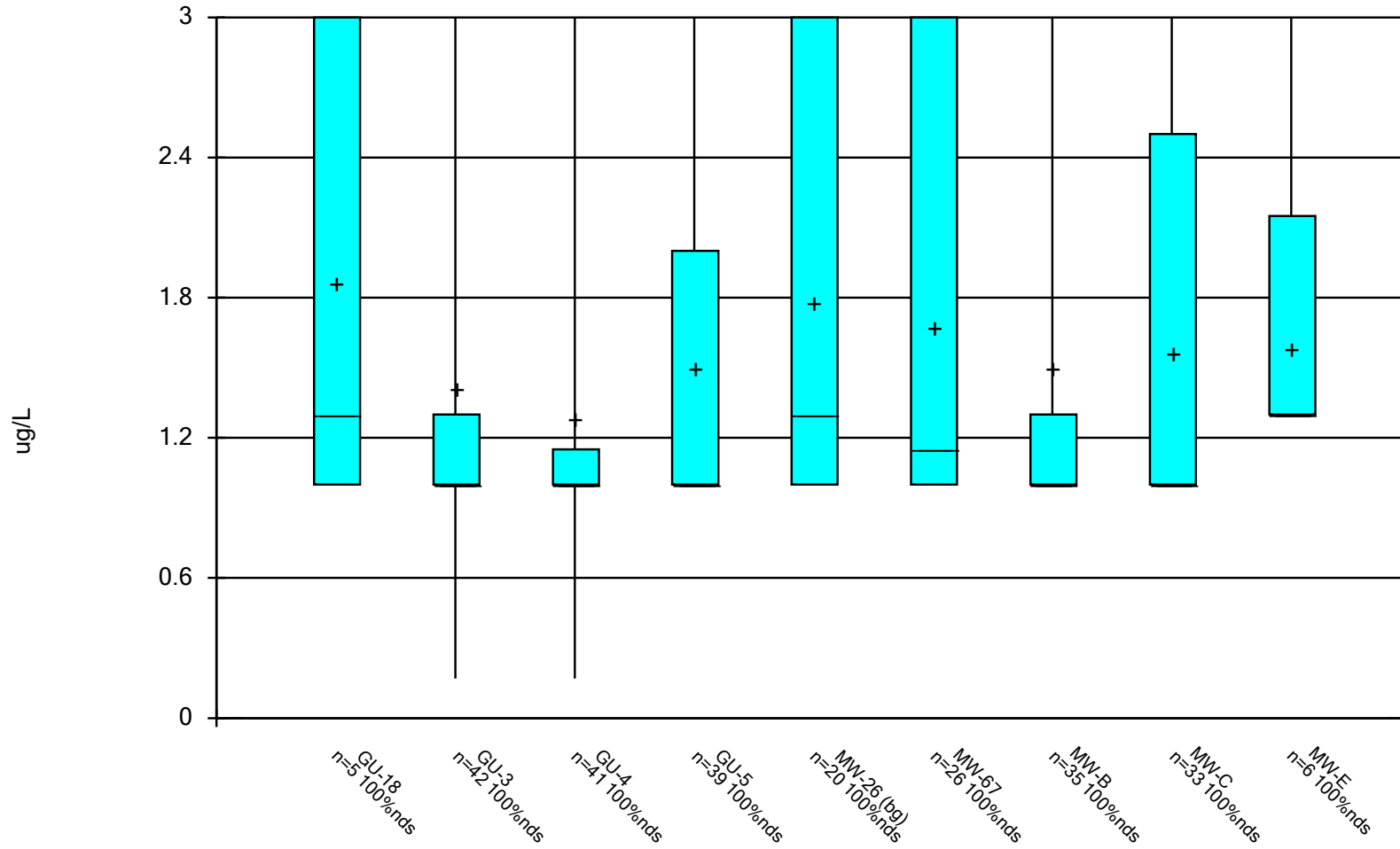
Constituent: Chlorobenzene Analysis Run 12/3/2024 5:09 PM View: Phase II - Appendix I VOCs
Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE PII PRIME flat

Box & Whiskers Plot



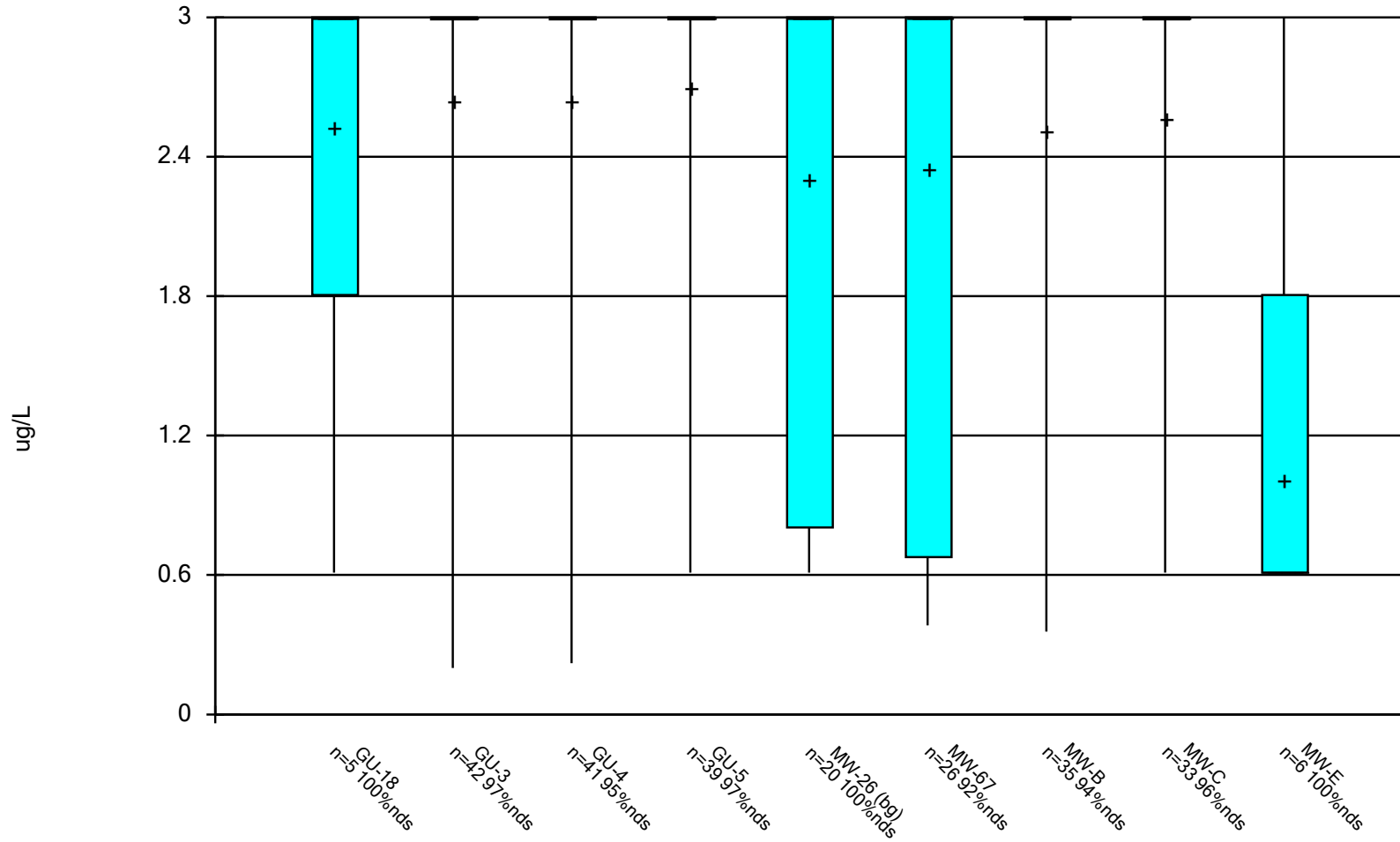
Constituent: Chloroethane Analysis Run 12/3/2024 5:09 PM View: Phase II - Appendix I VOCs
Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE PII PRIME flat

Box & Whiskers Plot



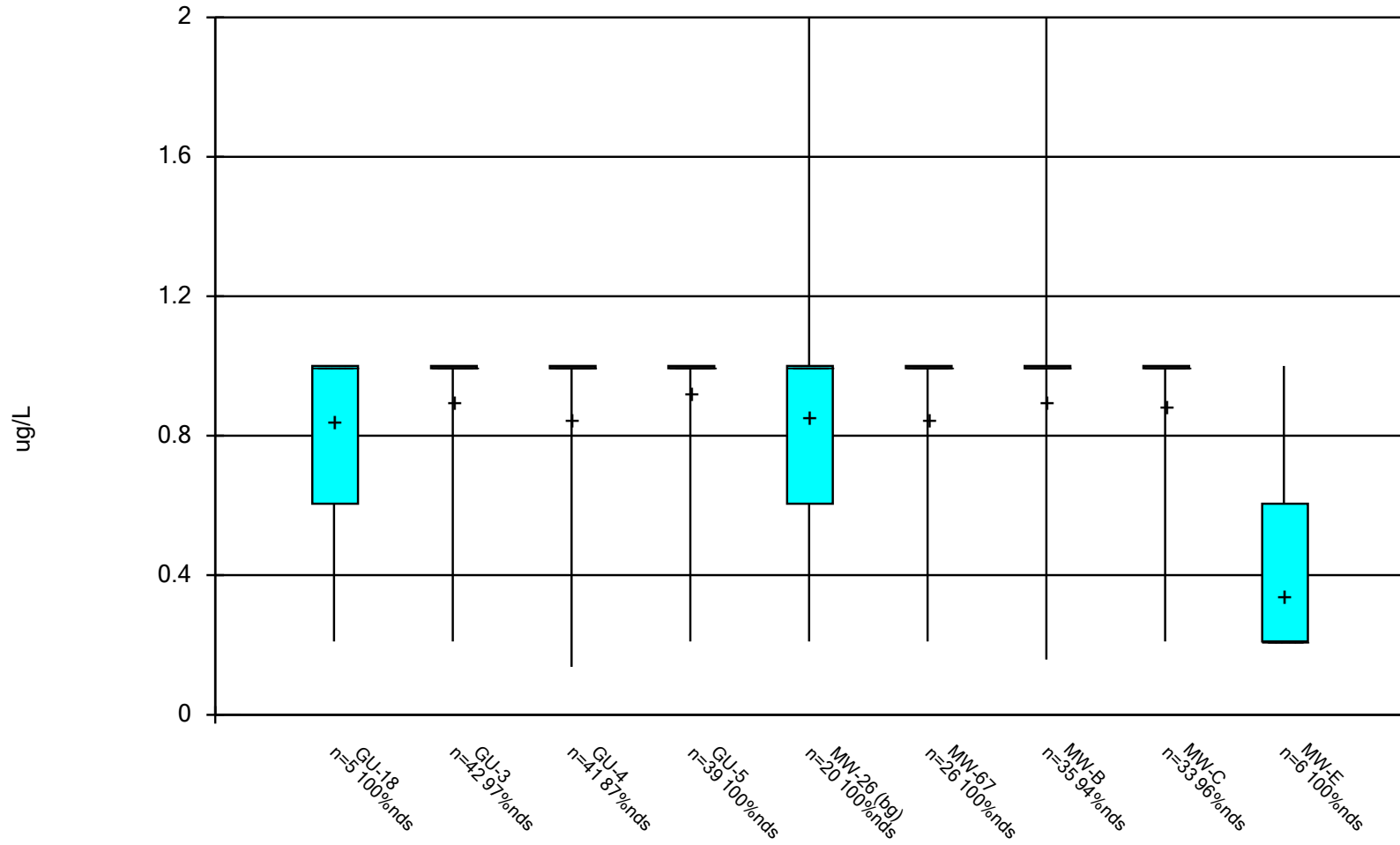
Constituent: Chloroform Analysis Run 12/3/2024 5:09 PM View: Phase II - Appendix I VOCs
Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE PII PRIME flat

Box & Whiskers Plot



Constituent: Chloromethane Analysis Run 12/3/2024 5:09 PM View: Phase II - Appendix I VOCs
Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE PII PRIME flat

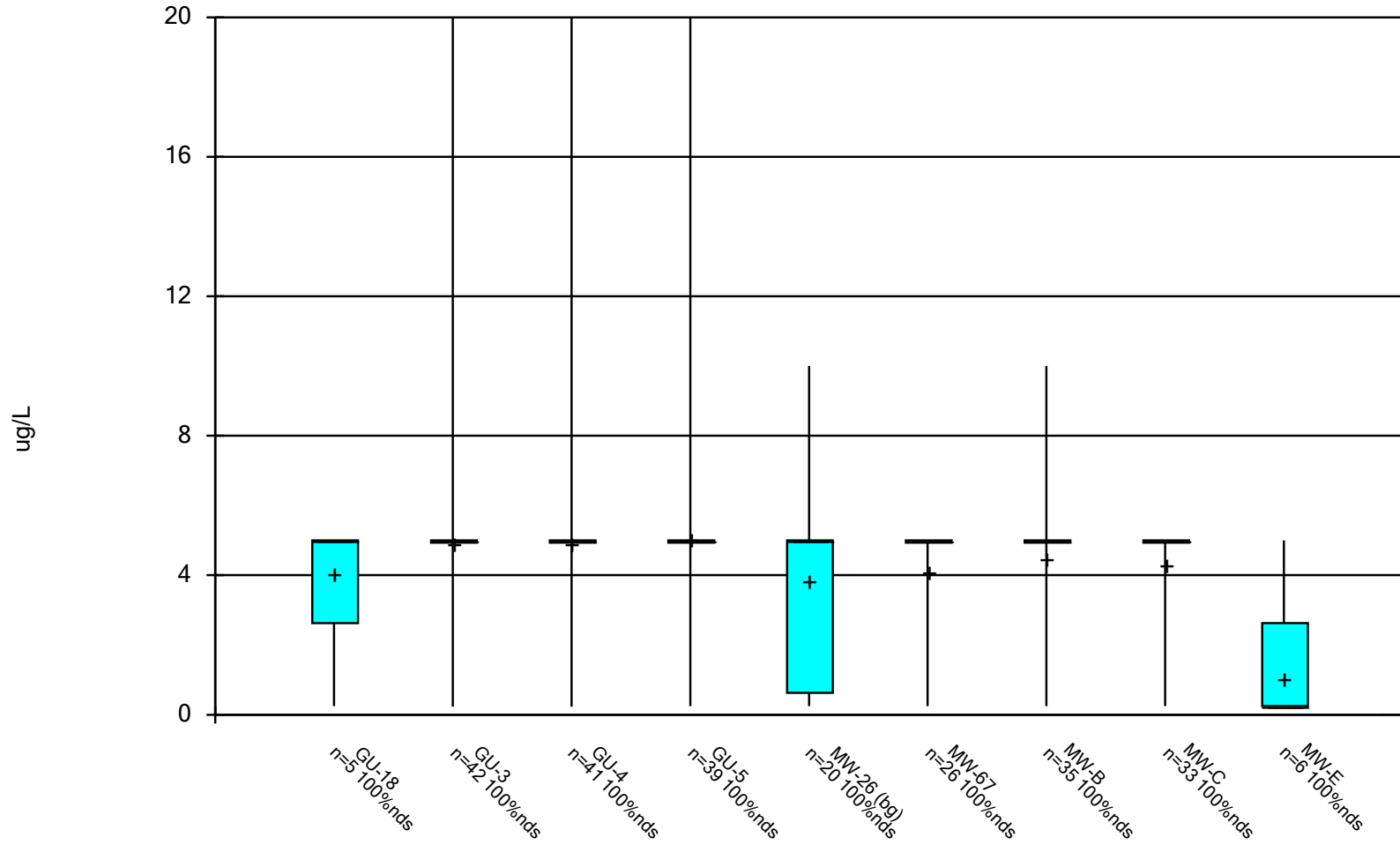
Box & Whiskers Plot



Constituent: cis-1,2-Dichloroethene Analysis Run 12/3/2024 5:09 PM View: Phase II - Appendix I VOCs

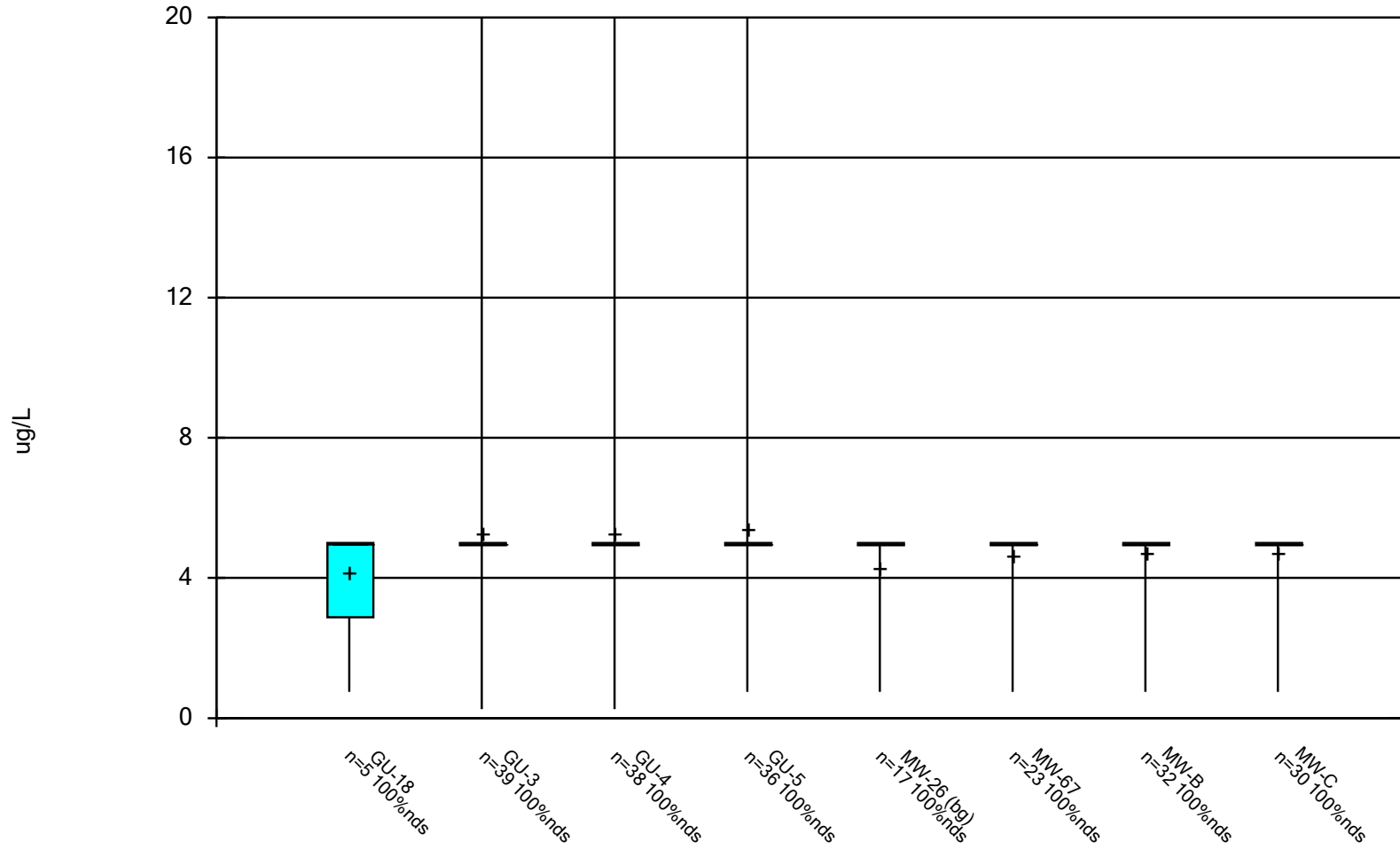
Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE PII PRIME flat

Box & Whiskers Plot



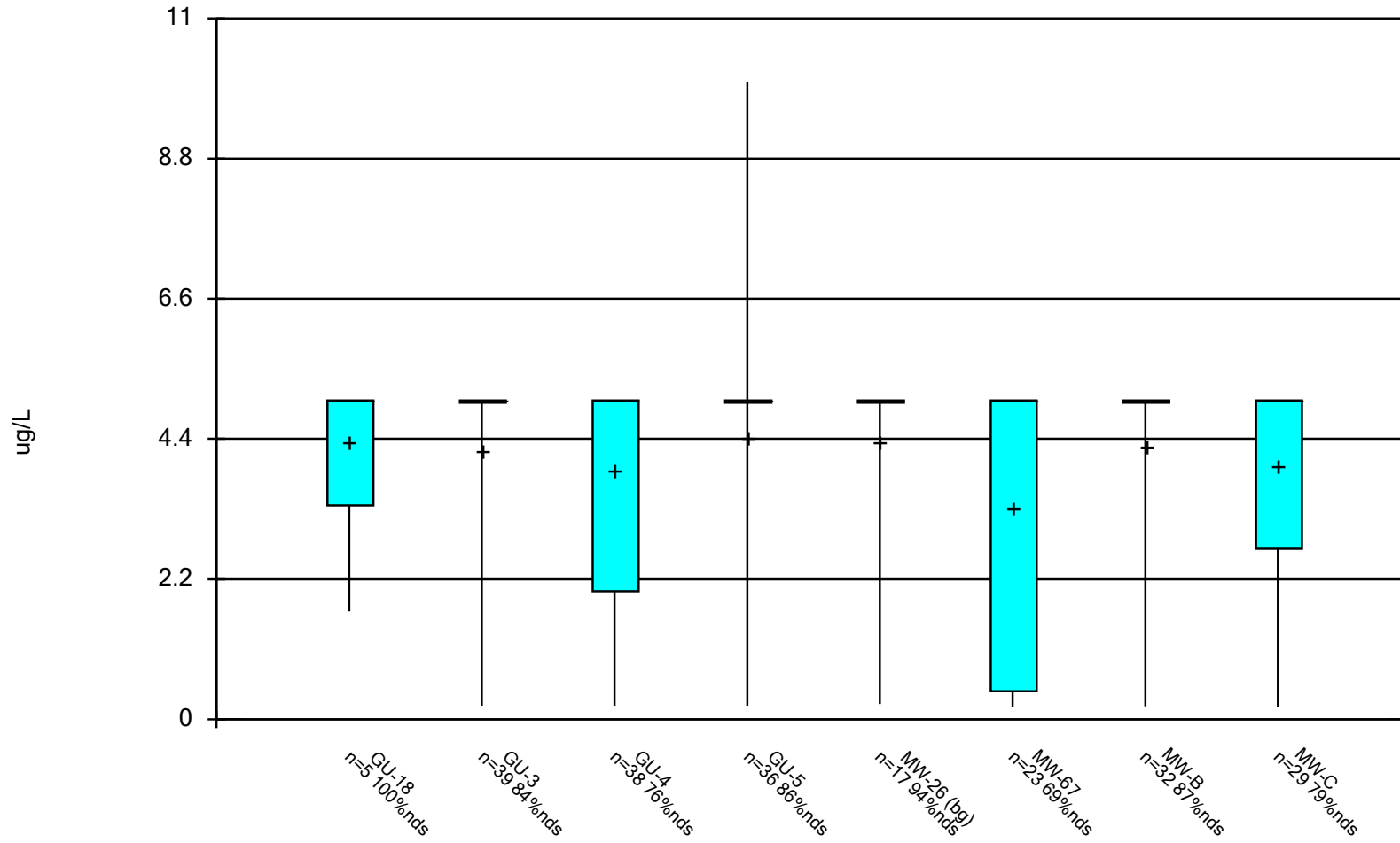
Constituent: cis-1,3-Dichloropropene Analysis Run 12/3/2024 5:09 PM View: Phase II - Appendix I VOCs
Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE PII PRIME flat

Box & Whiskers Plot



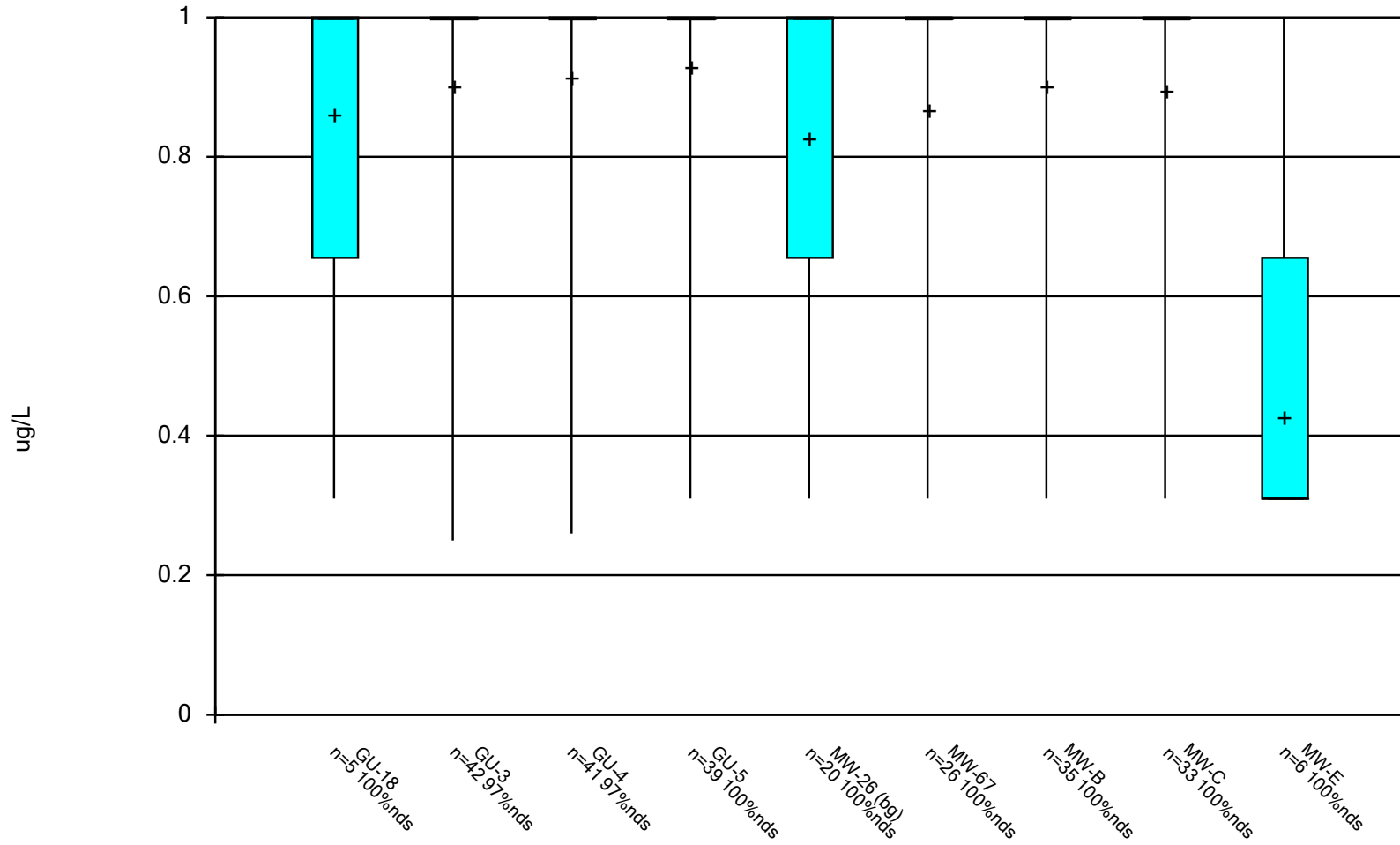
Constituent: Dibromochloromethane Analysis Run 12/3/2024 5:09 PM View: Phase II - Appendix I VOCs
Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE PII PRIME flat

Box & Whiskers Plot



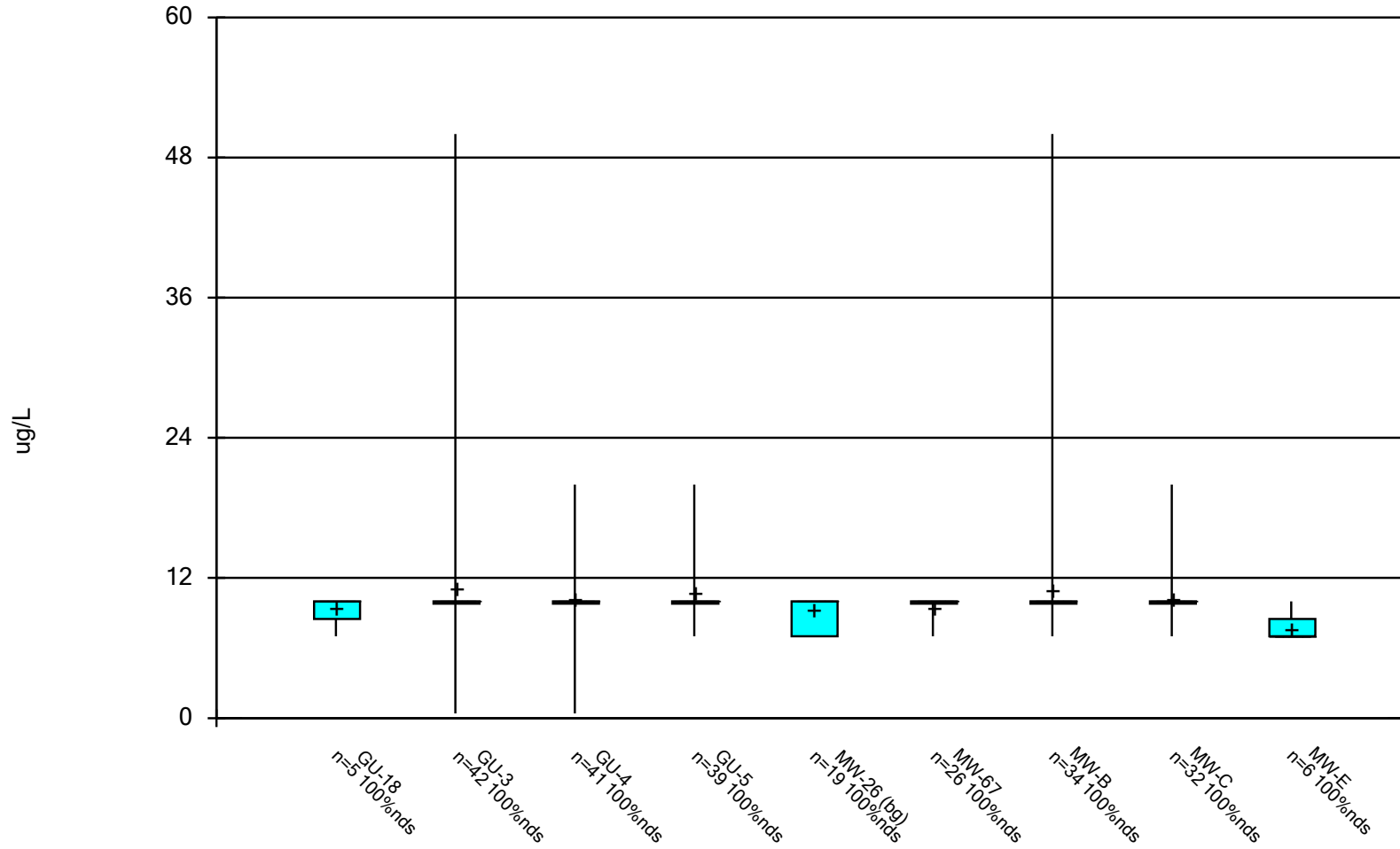
Constituent: Dichloromethane Analysis Run 12/3/2024 5:09 PM View: Phase II - Appendix I VOCs
Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE PII PRIME flat

Box & Whiskers Plot



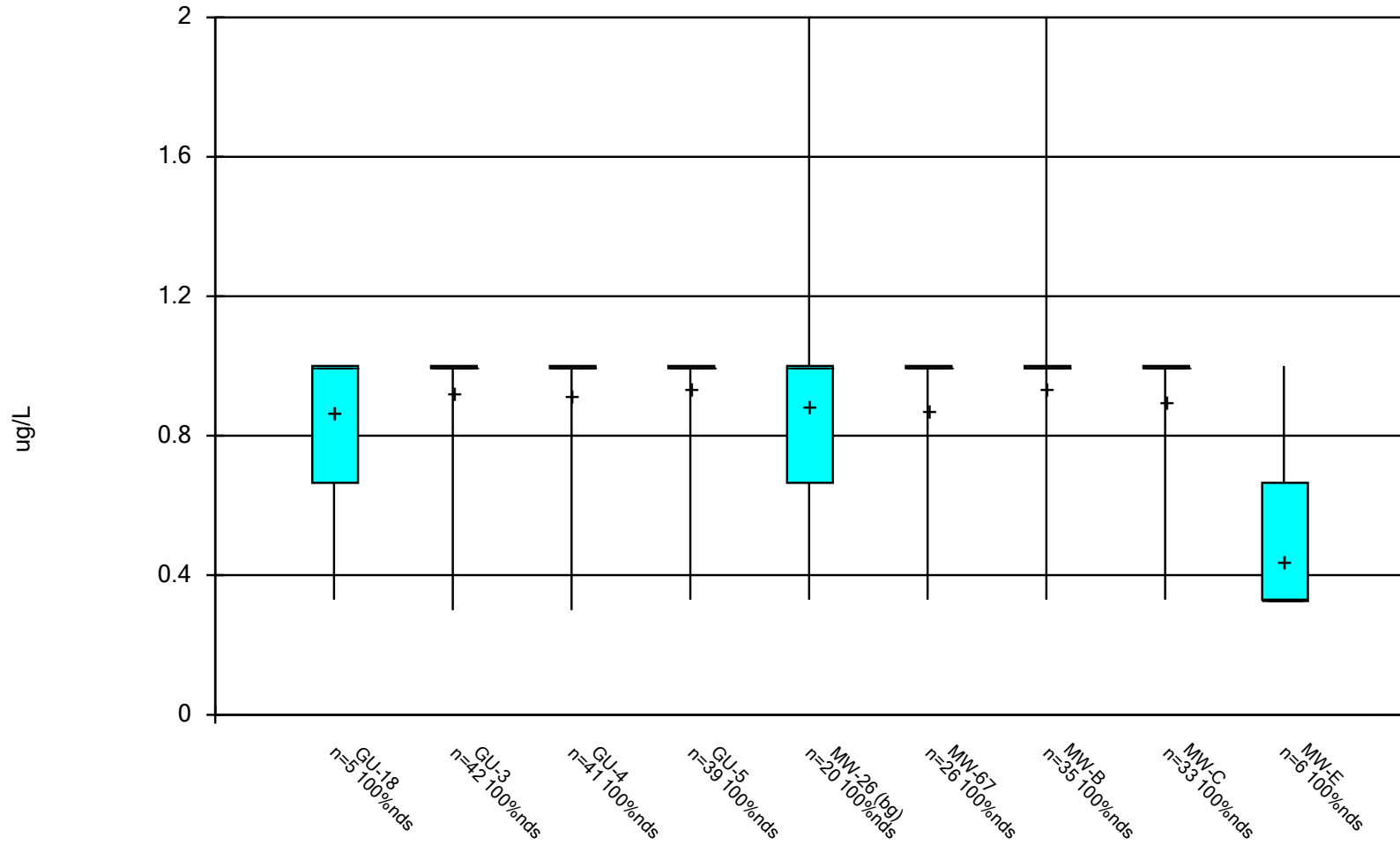
Constituent: Ethylbenzene Analysis Run 12/3/2024 5:09 PM View: Phase II - Appendix I VOCs
Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE PII PRIME flat

Box & Whiskers Plot



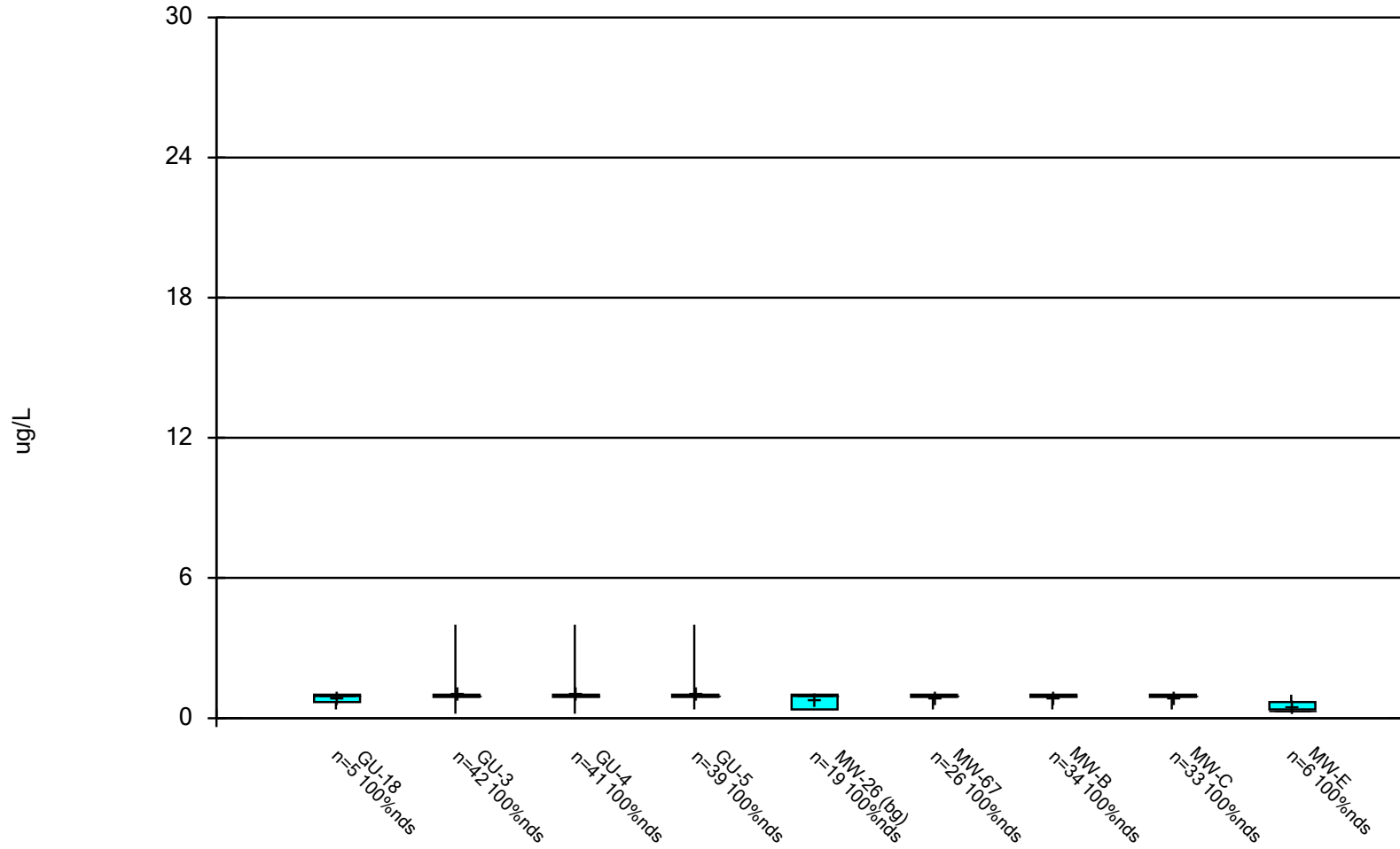
Constituent: Iodomethane Analysis Run 12/3/2024 5:09 PM View: Phase II - Appendix I VOCs
Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE PII PRIME flat

Box & Whiskers Plot



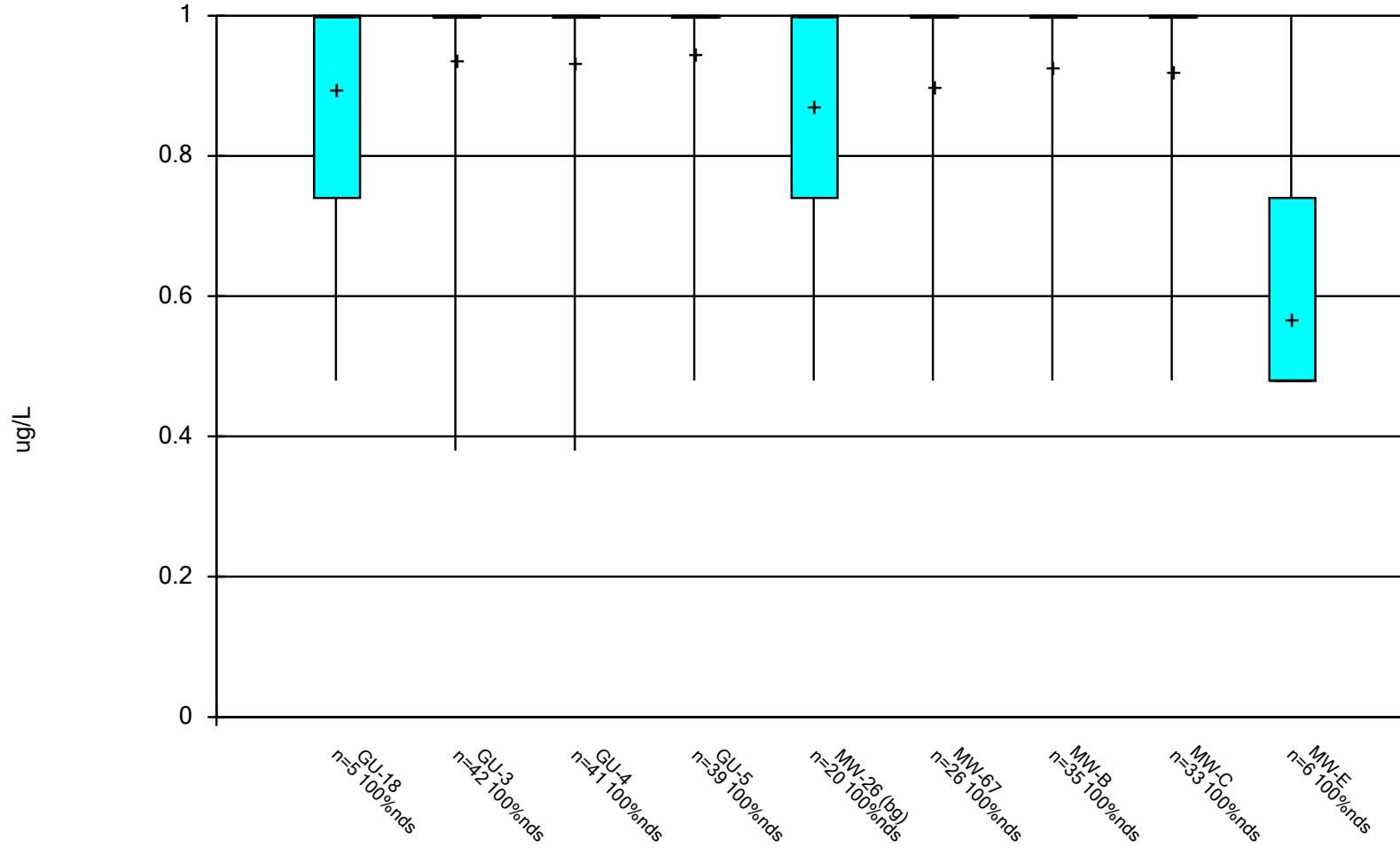
Constituent: Methylene Bromide Analysis Run 12/3/2024 5:09 PM View: Phase II - Appendix I VOCs
Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE PII PRIME flat

Box & Whiskers Plot



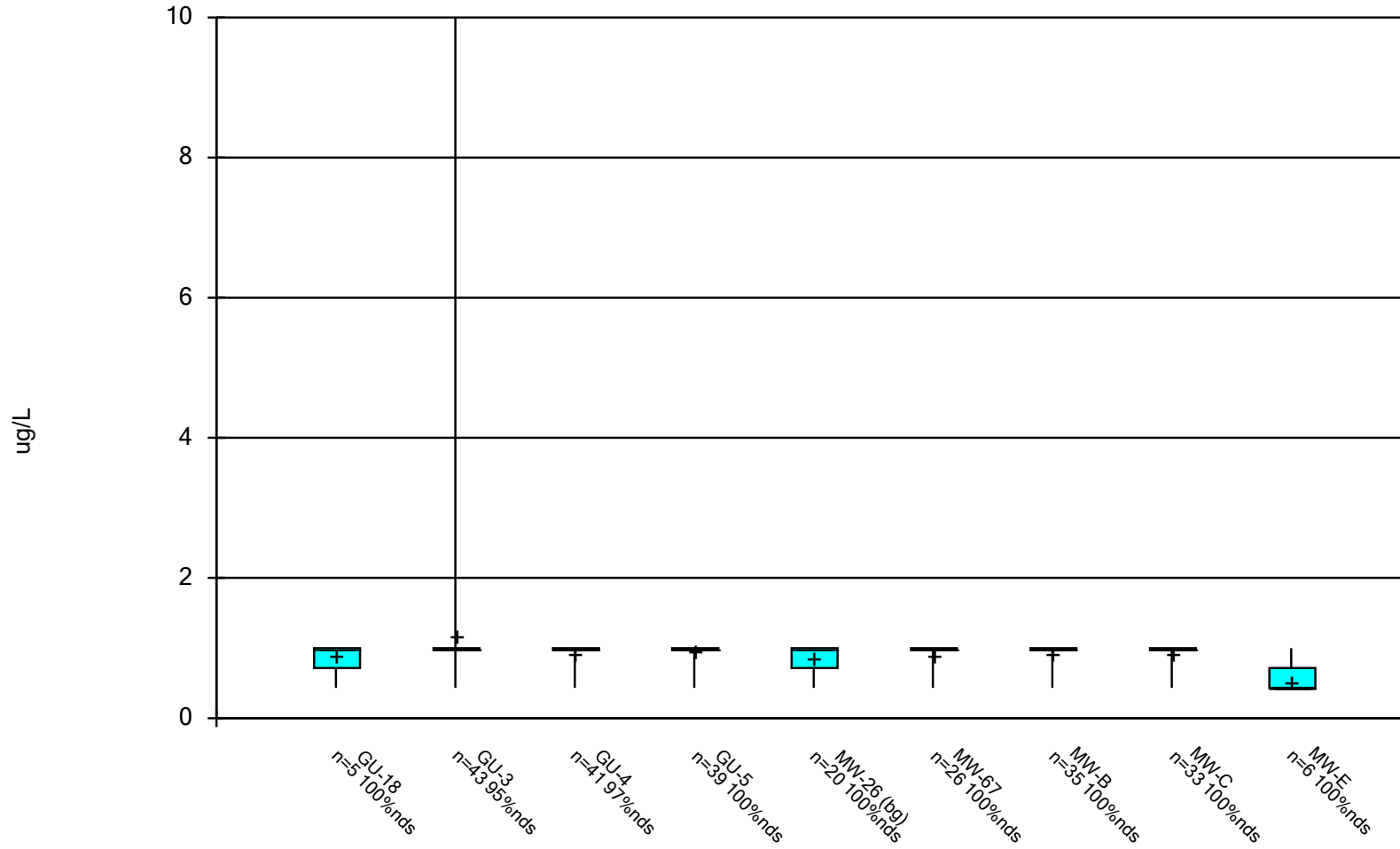
Constituent: Styrene Analysis Run 12/3/2024 5:09 PM View: Phase II - Appendix I VOCs
Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE PII PRIME flat

Box & Whiskers Plot



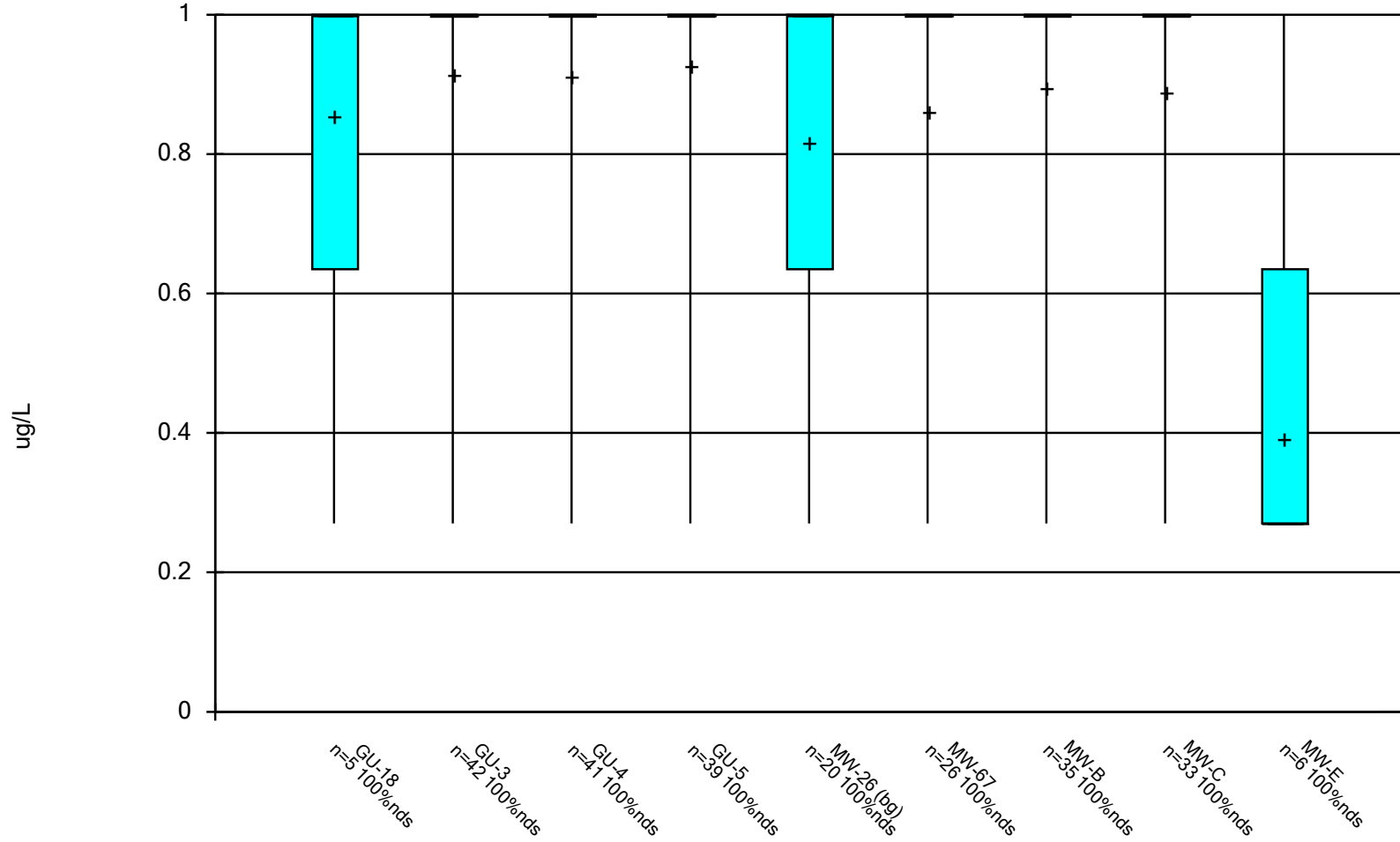
Constituent: Tetrachloroethene Analysis Run 12/3/2024 5:09 PM View: Phase II - Appendix I VOCs
Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE PII PRIME flat

Box & Whiskers Plot



Constituent: Toluene Analysis Run 12/3/2024 5:09 PM View: Phase II - Appendix I VOCs
Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE PII PRIME flat

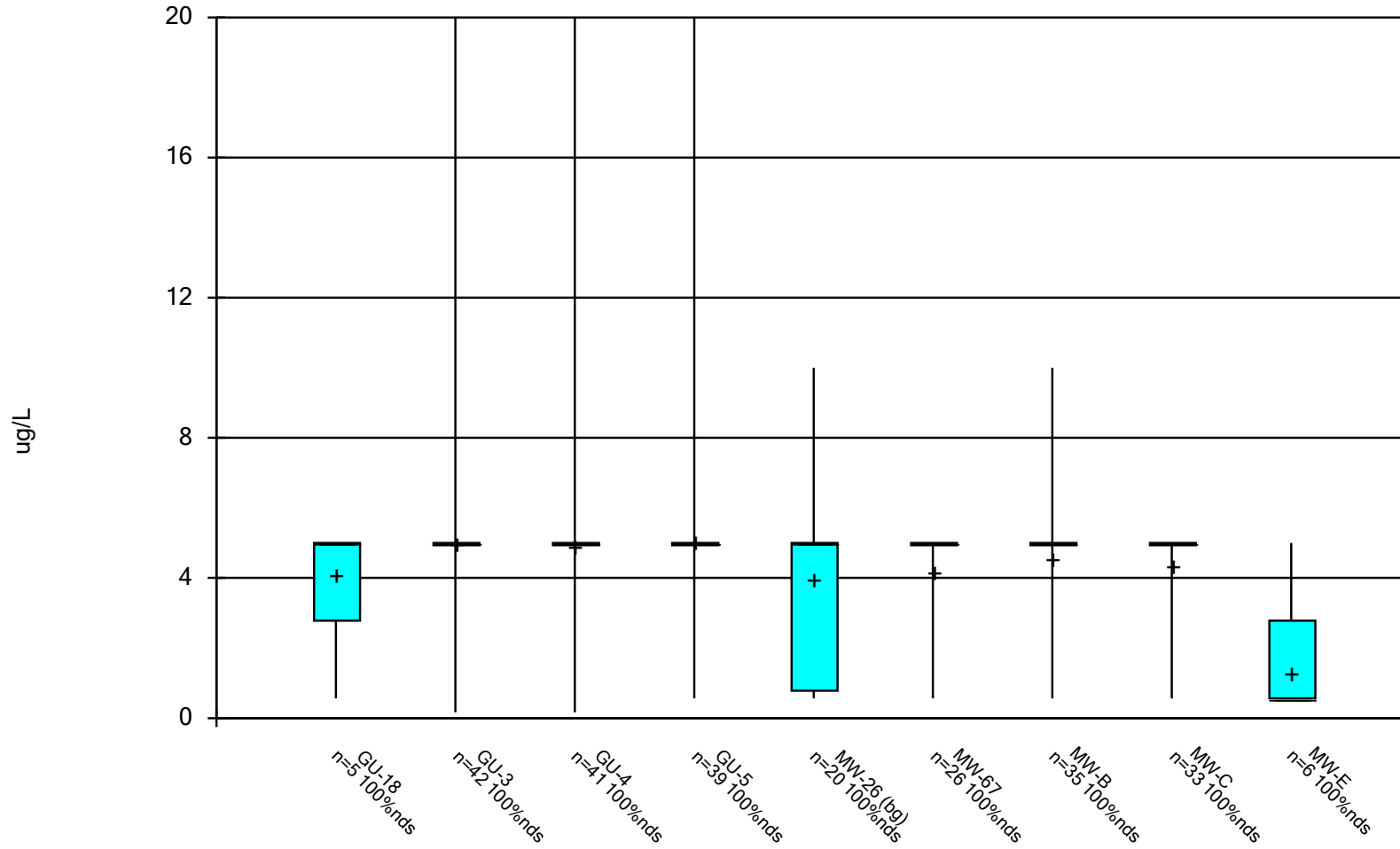
Box & Whiskers Plot



Constituent: trans-1,2-Dichloroethene Analysis Run 12/3/2024 5:09 PM View: Phase II - Appendix I VOCs

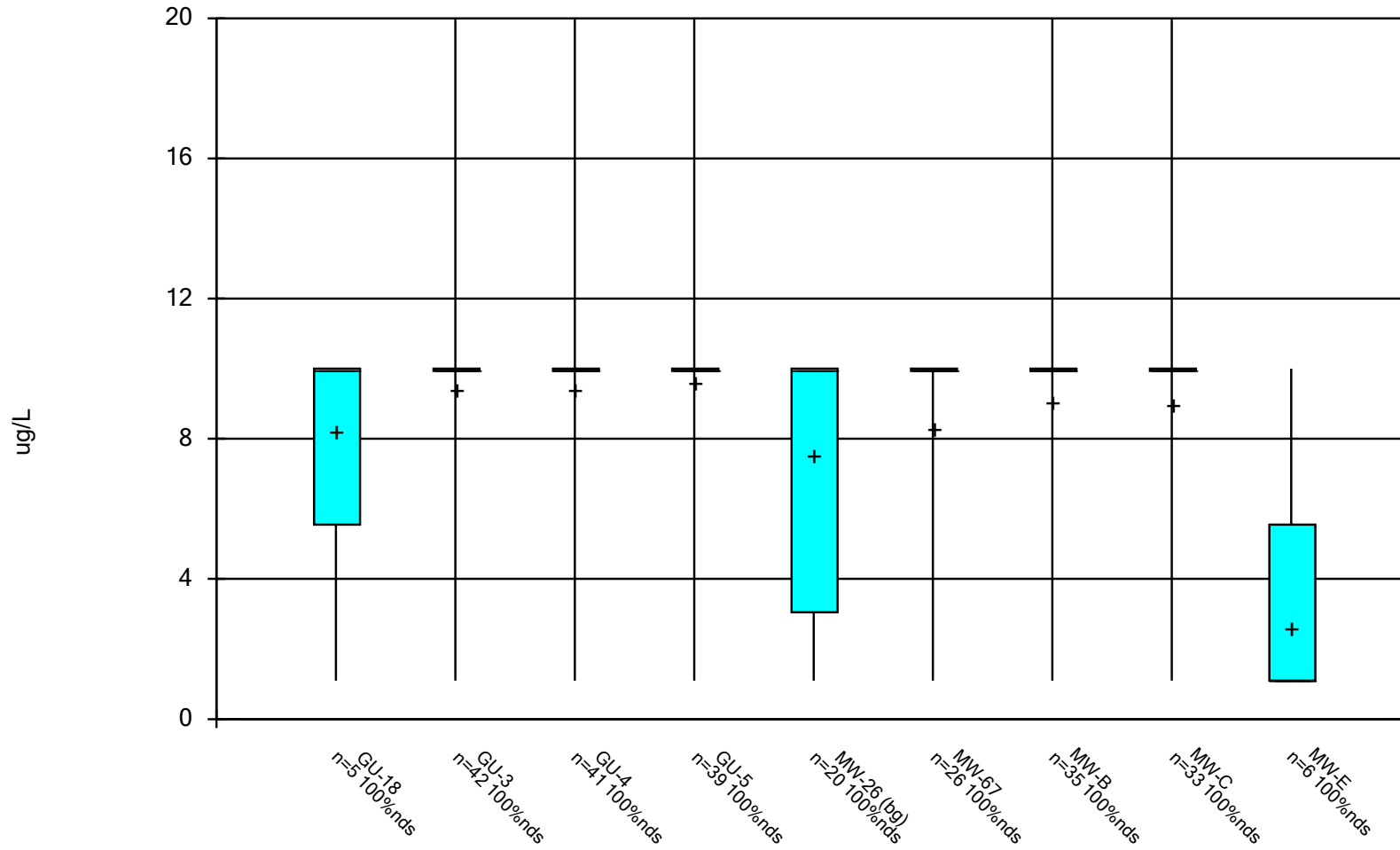
Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE PII PRIME flat

Box & Whiskers Plot



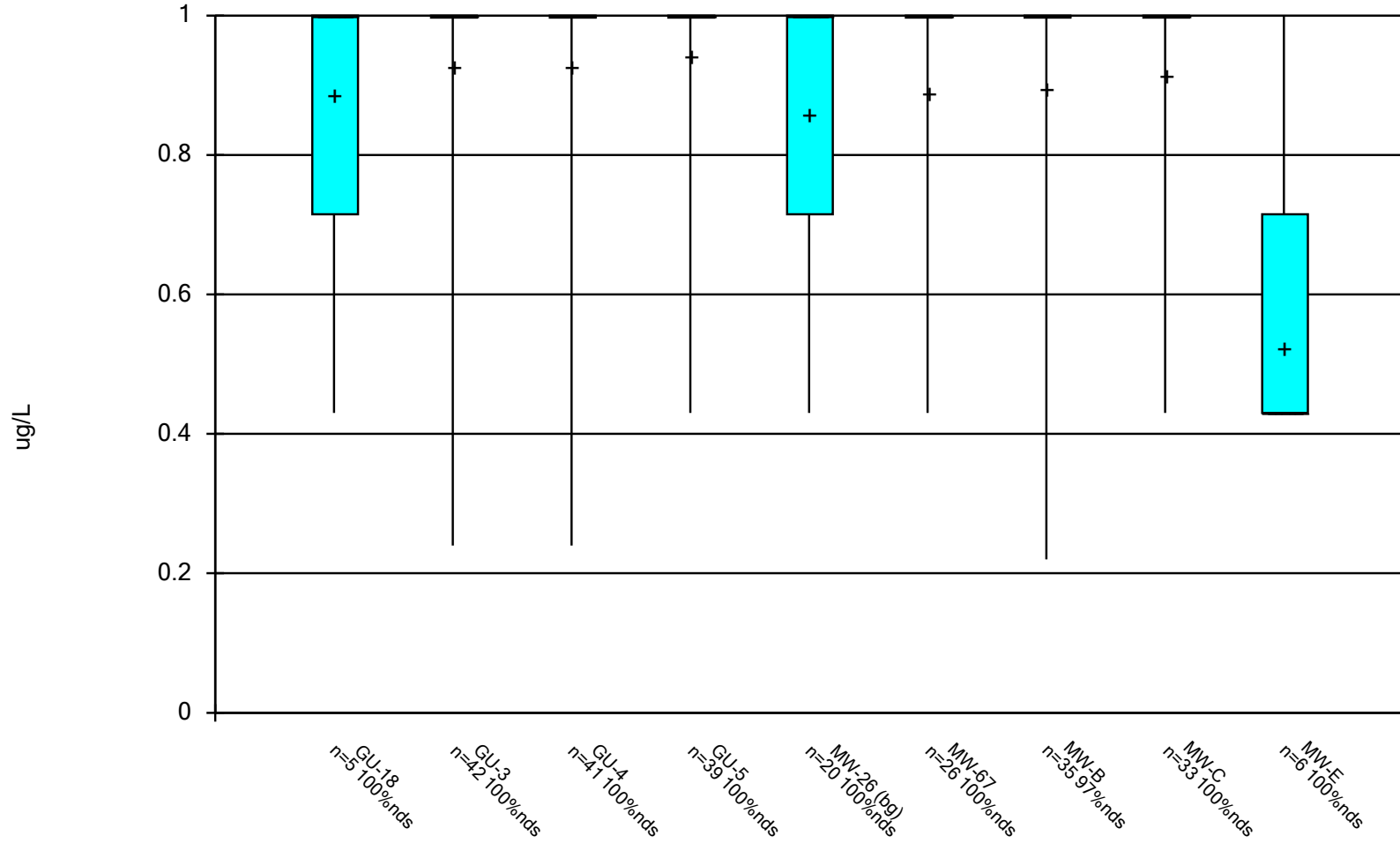
Constituent: trans-1,3-Dichloropropene Analysis Run 12/3/2024 5:09 PM View: Phase II - Appendix I VOC
Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE PII PRIME flat

Box & Whiskers Plot



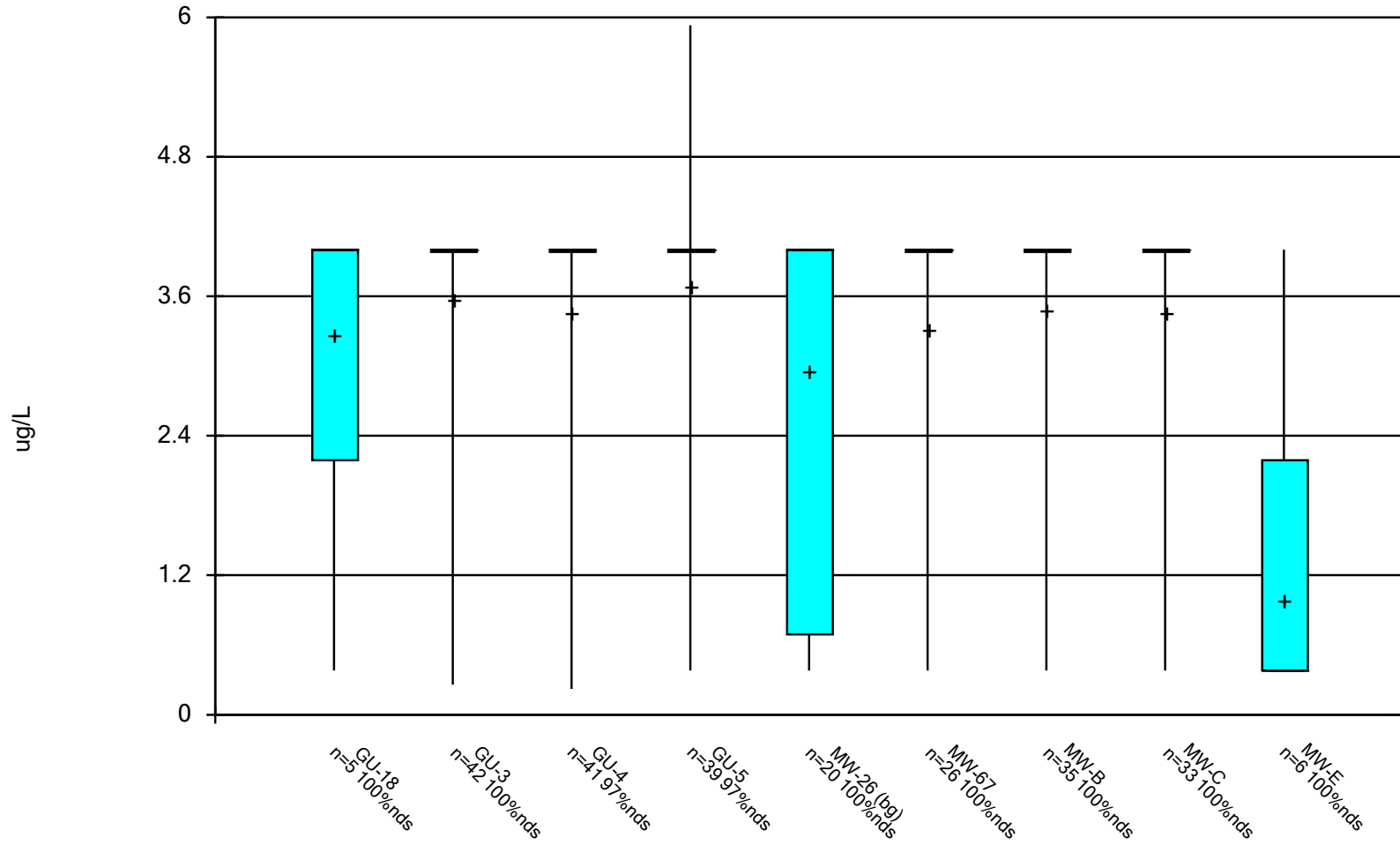
Constituent: trans-1,4-Dichloro-2-butene Analysis Run 12/3/2024 5:09 PM View: Phase II - Appendix I VO
Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE PII PRIME flat

Box & Whiskers Plot



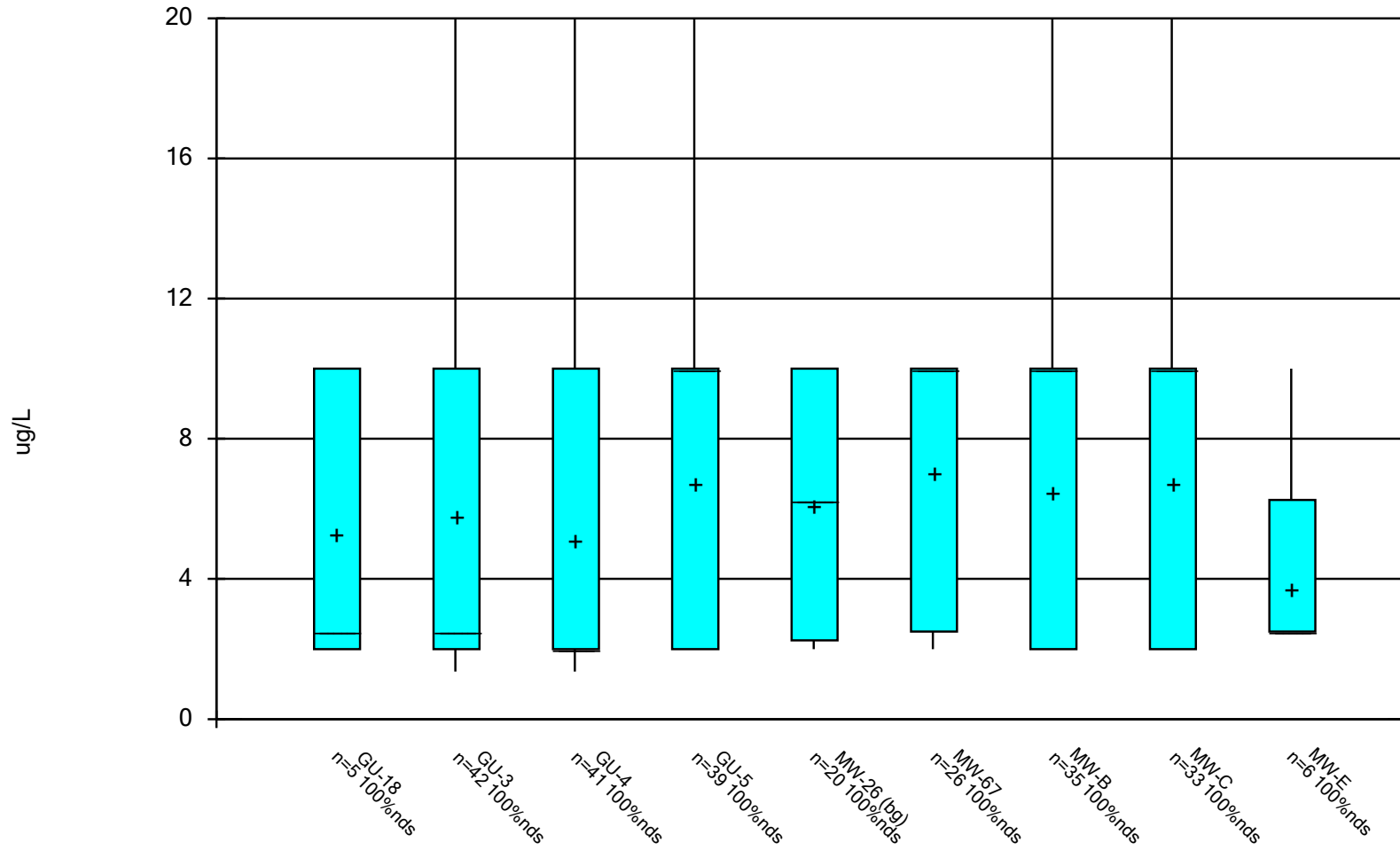
Constituent: Trichloroethene Analysis Run 12/3/2024 5:09 PM View: Phase II - Appendix I VOCs
Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE PII PRIME flat

Box & Whiskers Plot



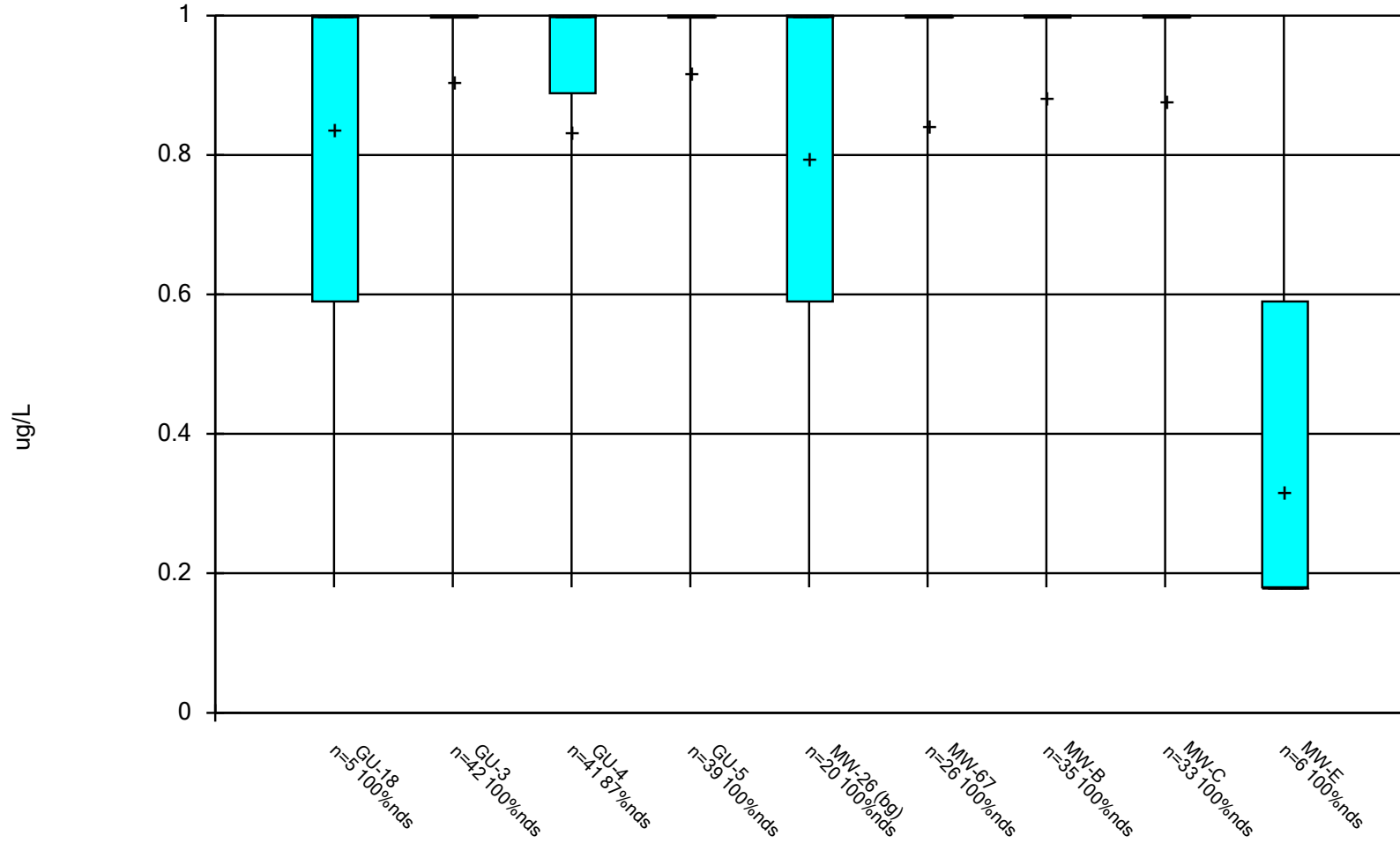
Constituent: Trichlorofluoromethane Analysis Run 12/3/2024 5:09 PM View: Phase II - Appendix I VOCs
Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE PII PRIME flat

Box & Whiskers Plot



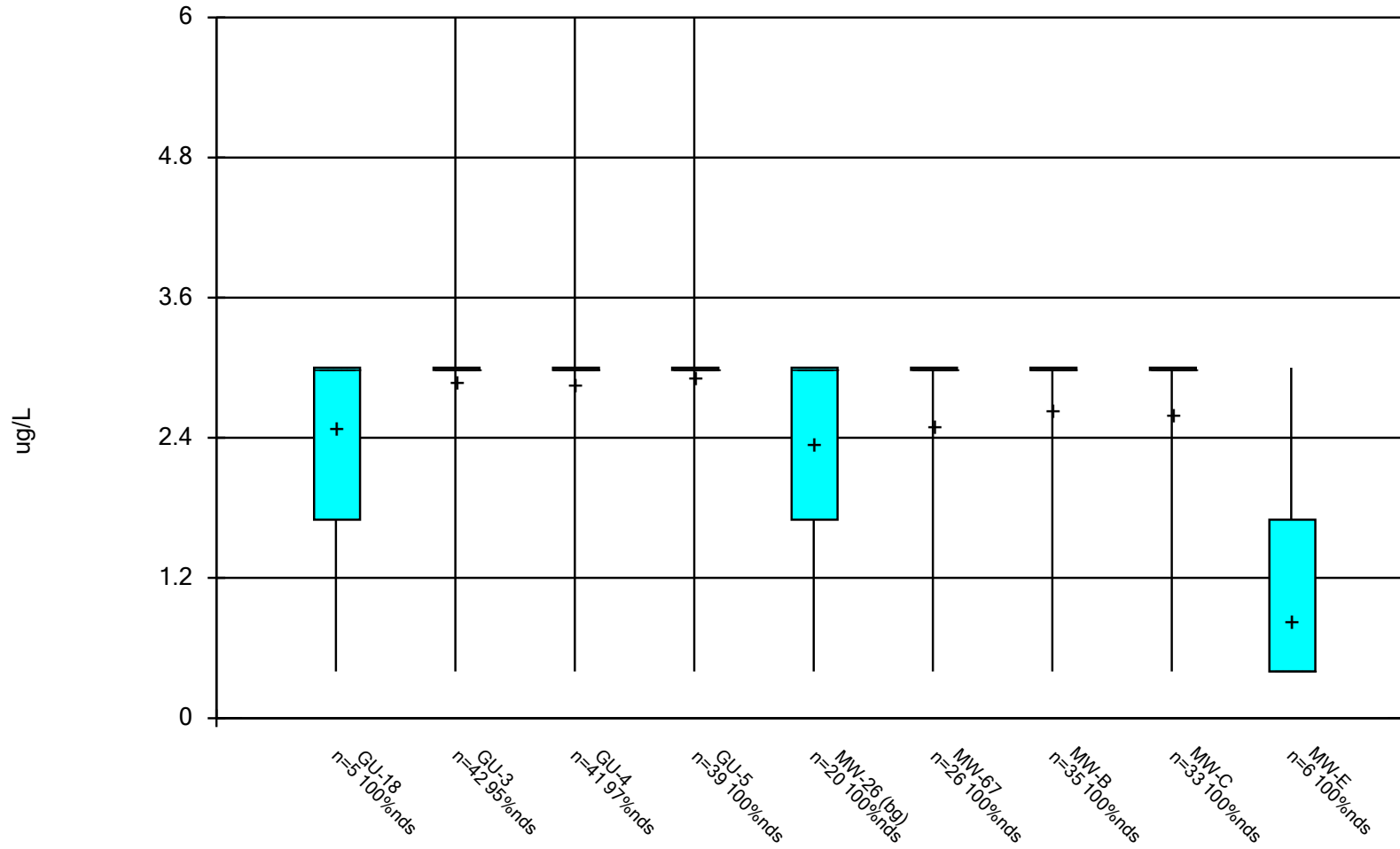
Constituent: Vinyl acetate Analysis Run 12/3/2024 5:09 PM View: Phase II - Appendix I VOCs
Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE PII PRIME flat

Box & Whiskers Plot



Constituent: Vinyl chloride Analysis Run 12/3/2024 5:09 PM View: Phase II - Appendix I VOCs
Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE PII PRIME flat

Box & Whiskers Plot



Constituent: Xylenes, total Analysis Run 12/3/2024 5:09 PM View: Phase II - Appendix I VOCs
Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE PII PRIME flat

Box & Whiskers Plot

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE PII PRIME flat Printed 12/3/2024, 5:14 PM

Constituent	Well	N	Mean	Std. Dev.	Std. Err.	Median	Lower Q.	Upper Q.	Min.	Max.	%NDs
1,1,1,2-Tetrachloroethane (ug/L)	GU-18	5	0.876	0.2773	0.124	1	0.69	1	0.38	1	100
1,1,1,2-Tetrachloroethane (ug/L)	GU-3	42	1.235	1.09	0.1681	1	1	1	0.33	5	100
1,1,1,2-Tetrachloroethane (ug/L)	GU-4	41	1.24	1.102	0.1722	1	1	1	0.33	5	100
1,1,1,2-Tetrachloroethane (ug/L)	GU-5	36	0.9867	0.3176	0.05294	1	1	1	0.38	2	100
1,1,1,2-Tetrachloroethane (ug/L)	MW-26 (bg)	19	0.8368	0.2805	0.06435	1	0.38	1	0.38	1	100
1,1,1,2-Tetrachloroethane (ug/L)	MW-67	26	0.8808	0.2492	0.04887	1	1	1	0.38	1	100
1,1,1,2-Tetrachloroethane (ug/L)	MW-B	34	0.9088	0.2229	0.03822	1	1	1	0.38	1	100
1,1,1,2-Tetrachloroethane (ug/L)	MW-C	32	0.9031	0.2287	0.04043	1	1	1	0.38	1	100
1,1,1,2-Tetrachloroethane (ug/L)	MW-E	6	0.4833	0.2531	0.1033	0.38	0.38	0.69	0.38	1	100
1,1,1-Trichloroethane (ug/L)	GU-18	5	0.838	0.3622	0.162	1	0.595	1	0.19	1	100
1,1,1-Trichloroethane (ug/L)	GU-3	40	0.8987	0.2713	0.0429	1	1	1	0.19	1	100
1,1,1-Trichloroethane (ug/L)	GU-4	39	0.8962	0.2743	0.04393	1	1	1	0.19	1	100
1,1,1-Trichloroethane (ug/L)	GU-5	37	0.9124	0.255	0.04192	1	1	1	0.19	1	100
1,1,1-Trichloroethane (ug/L)	MW-26 (bg)	20	0.7975	0.3599	0.08047	1	0.595	1	0.19	1	100
1,1,1-Trichloroethane (ug/L)	MW-67	26	0.8442	0.3256	0.06385	1	1	1	0.19	1	100
1,1,1-Trichloroethane (ug/L)	MW-B	35	0.8843	0.2876	0.04861	1	1	1	0.19	1	100
1,1,1-Trichloroethane (ug/L)	MW-C	33	0.8773	0.2949	0.05134	1	1	1	0.19	1	100
1,1,1-Trichloroethane (ug/L)	MW-E	6	0.325	0.3307	0.135	0.19	0.19	0.595	0.19	1	100
1,1,2,2-Tetrachloroethane (ug/L)	GU-18	5	0.894	0.237	0.106	1	0.735	1	0.47	1	100
1,1,2,2-Tetrachloroethane (ug/L)	GU-3	42	0.9312	0.1924	0.02969	1	1	1	0.23	1	100
1,1,2,2-Tetrachloroethane (ug/L)	GU-4	41	0.9295	0.1945	0.03037	1	1	1	0.23	1	100
1,1,2,2-Tetrachloroethane (ug/L)	GU-5	38	0.9442	0.1648	0.02674	1	1	1	0.47	1	100
1,1,2,2-Tetrachloroethane (ug/L)	MW-26 (bg)	20	0.8675	0.2355	0.05265	1	0.735	1	0.47	1	100
1,1,2,2-Tetrachloroethane (ug/L)	MW-67	26	0.8981	0.213	0.04178	1	1	1	0.47	1	100
1,1,2,2-Tetrachloroethane (ug/L)	MW-B	35	0.9243	0.1882	0.03181	1	1	1	0.47	1	100
1,1,2,2-Tetrachloroethane (ug/L)	MW-C	32	0.9172	0.1955	0.03456	1	1	1	0.47	1	100
1,1,2,2-Tetrachloroethane (ug/L)	MW-E	6	0.5583	0.2164	0.08833	0.47	0.47	0.735	0.47	1	100
1,1,2-Trichloroethane (ug/L)	GU-18	5	0.89	0.246	0.11	1	0.725	1	0.45	1	100
1,1,2-Trichloroethane (ug/L)	GU-3	42	0.9326	0.1859	0.02868	1	1	1	0.37	1	100
1,1,2-Trichloroethane (ug/L)	GU-4	41	0.931	0.1879	0.02934	1	1	1	0.37	1	100
1,1,2-Trichloroethane (ug/L)	GU-5	39	0.9436	0.169	0.02707	1	1	1	0.45	1	100
1,1,2-Trichloroethane (ug/L)	MW-26 (bg)	20	0.8625	0.2443	0.05464	1	0.725	1	0.45	1	100
1,1,2-Trichloroethane (ug/L)	MW-67	26	0.8942	0.2211	0.04335	1	1	1	0.45	1	100
1,1,2-Trichloroethane (ug/L)	MW-B	35	0.9214	0.1953	0.03301	1	1	1	0.45	1	100
1,1,2-Trichloroethane (ug/L)	MW-C	33	0.9167	0.2003	0.03486	1	1	1	0.45	1	100
1,1,2-Trichloroethane (ug/L)	MW-E	6	0.5417	0.2245	0.09167	0.45	0.45	0.725	0.45	1	100
1,1-Dichloroethane (ug/L)	GU-18	5	0.844	0.3488	0.156	1	0.61	1	0.22	1	100
1,1-Dichloroethane (ug/L)	GU-3	42	0.9064	0.2577	0.03976	1	1	1	0.19	1	100
1,1-Dichloroethane (ug/L)	GU-4	41	0.8667	0.2808	0.04385	1	1	1	0.19	1	92.68
1,1-Dichloroethane (ug/L)	GU-5	39	0.92	0.2397	0.03839	1	1	1	0.22	1	100
1,1-Dichloroethane (ug/L)	MW-26 (bg)	20	0.805	0.3465	0.07749	1	0.61	1	0.22	1	100
1,1-Dichloroethane (ug/L)	MW-67	26	0.85	0.3135	0.06148	1	1	1	0.22	1	100
1,1-Dichloroethane (ug/L)	MW-B	35	0.8886	0.2769	0.04681	1	1	1	0.22	1	100
1,1-Dichloroethane (ug/L)	MW-C	33	0.8818	0.284	0.04944	1	1	1	0.22	1	100
1,1-Dichloroethane (ug/L)	MW-E	6	0.35	0.3184	0.13	0.22	0.22	0.61	0.22	1	100
1,1-Dichloroethene (ug/L)	GU-18	5	1.712	0.644	0.288	2	1.28	2	0.56	2	100
1,1-Dichloroethene (ug/L)	GU-3	42	1.824	0.4852	0.07486	2	2	2	0.37	2	100
1,1-Dichloroethene (ug/L)	GU-4	41	1.82	0.4904	0.07659	2	2	2	0.37	2	100
1,1-Dichloroethene (ug/L)	GU-5	39	1.852	0.4426	0.07087	2	2	2	0.56	2	100
1,1-Dichloroethene (ug/L)	MW-26 (bg)	20	1.59	0.6491	0.1451	2	0.78	2	0.56	2	100

Box & Whiskers Plot

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE PII PRIME flat Printed 12/3/2024, 5:14 PM

Constituent	Well	N	Mean	Std. Dev.	Std. Err.	Median	Lower Q.	Upper Q.	Min.	Max.	%NDs
1,1-Dichloroethene (ug/L)	MW-67	26	1.723	0.5788	0.1135	2	2	2	0.56	2	100
1,1-Dichloroethene (ug/L)	MW-B	35	1.794	0.5113	0.08642	2	2	2	0.56	2	100
1,1-Dichloroethene (ug/L)	MW-C	33	1.782	0.5243	0.09127	2	2	2	0.56	2	100
1,1-Dichloroethene (ug/L)	MW-E	6	0.8	0.5879	0.24	0.56	0.56	1.28	0.56	2	100
1,1-Dichloropropene (ug/L)	GU-3	6	1	0	0	1	1	1	1	1	100
1,1-Dichloropropene (ug/L)	GU-4	5	1	0	0	1	1	1	1	1	100
1,1-Dichloropropene (ug/L)	MW-26 (bg)	4	1	0	0	1	1	1	1	1	100
1,1-Dichloropropene (ug/L)	MW-C	3	1	0	0	1	1	1	1	1	100
1,2,3-Trichloropropane (ug/L)	GU-18	5	0.918	0.1834	0.082	1	0.795	1	0.59	1	100
1,2,3-Trichloropropane (ug/L)	GU-3	42	0.9538	0.1281	0.01977	1	1	1	0.59	1	100
1,2,3-Trichloropropane (ug/L)	GU-4	41	0.9527	0.1295	0.02022	1	1	1	0.59	1	100
1,2,3-Trichloropropane (ug/L)	GU-5	38	0.9568	0.1275	0.02069	1	1	1	0.59	1	100
1,2,3-Trichloropropane (ug/L)	MW-26 (bg)	20	0.8975	0.1821	0.04073	1	0.795	1	0.59	1	100
1,2,3-Trichloropropane (ug/L)	MW-67	26	0.9212	0.1648	0.03232	1	1	1	0.59	1	100
1,2,3-Trichloropropane (ug/L)	MW-B	35	0.9414	0.1456	0.0246	1	1	1	0.59	1	100
1,2,3-Trichloropropane (ug/L)	MW-C	32	0.9359	0.1512	0.02674	1	1	1	0.59	1	100
1,2,3-Trichloropropane (ug/L)	MW-E	6	0.6583	0.1674	0.06833	0.59	0.59	0.795	0.59	1	100
1,2-Dibromo-3-chloropropane (ug/L)	GU-18	5	0.768	0.5915	0.2645	1.2	0.12	1.2	0.12	1.2	100
1,2-Dibromo-3-chloropropane (ug/L)	GU-3	41	2.131	3.389	0.5293	0.5	0.498	1.2	0.12	10	100
1,2-Dibromo-3-chloropropane (ug/L)	GU-4	40	2.091	3.458	0.5467	0.5	0.12	1.2	0.12	10	100
1,2-Dibromo-3-chloropropane (ug/L)	GU-5	38	0.7313	0.8205	0.1331	0.5	0.309	1.2	0.12	5	97.37
1,2-Dibromo-3-chloropropane (ug/L)	MW-26 (bg)	16	1.025	0.3135	0.07837	1.2	0.85	1.2	0.498	1.2	100
1,2-Dibromo-3-chloropropane (ug/L)	MW-67	26	0.7623	0.4668	0.09155	0.85	0.31	1.2	0.12	1.2	100
1,2-Dibromo-3-chloropropane (ug/L)	MW-B	33	0.7053	0.447	0.07781	0.5	0.309	1.2	0.12	1.2	100
1,2-Dibromo-3-chloropropane (ug/L)	MW-C	33	0.6261	0.4913	0.08552	0.5	0.12	1.2	0.12	1.2	100
1,2-Dibromo-3-chloropropane (ug/L)	MW-E	6	1.2	0	0	1.2	1.2	1.2	1.2	1.2	100
1,2-Dibromoethane [EDB] (ug/L)	GU-18	5	0.256	0.115	0.05144	0.34	0.13	0.34	0.13	0.34	100
1,2-Dibromoethane [EDB] (ug/L)	GU-3	42	1.874	3.681	0.568	0.255	0.13	0.34	0.13	10	100
1,2-Dibromoethane [EDB] (ug/L)	GU-4	37	1.026	2.707	0.445	0.25	0.13	0.34	0.13	10	100
1,2-Dibromoethane [EDB] (ug/L)	GU-5	38	0.2334	0.1585	0.02571	0.13	0.13	0.34	0.13	1	100
1,2-Dibromoethane [EDB] (ug/L)	MW-26 (bg)	17	0.3441	0.1834	0.04447	0.34	0.2975	0.34	0.13	1	100
1,2-Dibromoethane [EDB] (ug/L)	MW-67	26	0.235	0.1071	0.021	0.235	0.13	0.34	0.13	0.34	100
1,2-Dibromoethane [EDB] (ug/L)	MW-B	33	0.2314	0.09841	0.01713	0.25	0.13	0.34	0.13	0.34	100
1,2-Dibromoethane [EDB] (ug/L)	MW-C	33	0.2127	0.1042	0.01814	0.13	0.13	0.34	0.13	0.34	100
1,2-Dibromoethane [EDB] (ug/L)	MW-E	6	0.34	0	0	0.34	0.34	0.34	0.34	0.34	100
1,2-Dichlorobenzene (ug/L)	GU-18	5	0.874	0.2817	0.126	1	0.685	1	0.37	1	100
1,2-Dichlorobenzene (ug/L)	GU-3	42	1.602	2.064	0.3184	1	1	1	0.21	11.1	100
1,2-Dichlorobenzene (ug/L)	GU-4	40	1.385	1.466	0.2318	1	1	1	0.21	5.95	100
1,2-Dichlorobenzene (ug/L)	GU-5	39	1.038	0.5509	0.08821	1	1	1	0.37	4	100
1,2-Dichlorobenzene (ug/L)	MW-26 (bg)	18	0.825	0.2904	0.06844	1	0.37	1	0.37	1	100
1,2-Dichlorobenzene (ug/L)	MW-67	26	0.8788	0.2532	0.04966	1	1	1	0.37	1	100
1,2-Dichlorobenzene (ug/L)	MW-B	35	0.91	0.2237	0.03781	1	1	1	0.37	1	100
1,2-Dichlorobenzene (ug/L)	MW-C	31	0.8984	0.2355	0.0423	1	1	1	0.37	1	100
1,2-Dichlorobenzene (ug/L)	MW-E	6	0.475	0.2572	0.105	0.37	0.37	0.685	0.37	1	100
1,2-Dichloroethane (ug/L)	GU-18	5	0.878	0.2728	0.122	1	0.695	1	0.39	1	100
1,2-Dichloroethane (ug/L)	GU-3	42	0.9167	0.2155	0.03325	1	1	1	0.2	1	97.62
1,2-Dichloroethane (ug/L)	GU-4	41	0.8735	0.2495	0.03897	1	1	1	0.2	1	90.24
1,2-Dichloroethane (ug/L)	GU-5	39	0.9374	0.1875	0.03002	1	1	1	0.39	1	100
1,2-Dichloroethane (ug/L)	MW-26 (bg)	20	0.8475	0.271	0.0606	1	0.695	1	0.39	1	100
1,2-Dichloroethane (ug/L)	MW-67	26	0.8827	0.2452	0.04808	1	1	1	0.39	1	100

Box & Whiskers Plot

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE PII PRIME flat Printed 12/3/2024, 5:14 PM

Constituent	Well	N	Mean	Std. Dev.	Std. Err.	Median	Lower Q.	Upper Q.	Min.	Max.	%NDs
1,2-Dichloroethane (ug/L)	MW-B	35	0.9129	0.2166	0.03661	1	1	1	0.39	1	100
1,2-Dichloroethane (ug/L)	MW-C	33	0.9076	0.2221	0.03866	1	1	1	0.39	1	100
1,2-Dichloroethane (ug/L)	MW-E	6	0.4917	0.249	0.1017	0.39	0.39	0.695	0.39	1	100
1,2-Dichloropropane (ug/L)	GU-18	5	0.854	0.3265	0.146	1	0.635	1	0.27	1	100
1,2-Dichloropropane (ug/L)	GU-3	42	0.94	0.2854	0.04404	1	1	1	0.27	2	100
1,2-Dichloropropane (ug/L)	GU-4	41	0.9385	0.2888	0.04511	1	1	1	0.27	2	100
1,2-Dichloropropane (ug/L)	GU-5	38	0.9232	0.227	0.03683	1	1	1	0.27	1	100
1,2-Dichloropropane (ug/L)	MW-26 (bg)	20	0.8175	0.3243	0.07252	1	0.635	1	0.27	1	100
1,2-Dichloropropane (ug/L)	MW-67	26	0.8596	0.2934	0.05754	1	1	1	0.27	1	100
1,2-Dichloropropane (ug/L)	MW-B	35	0.8957	0.2592	0.04381	1	1	1	0.27	1	100
1,2-Dichloropropane (ug/L)	MW-C	33	0.8894	0.2658	0.04627	1	1	1	0.27	1	100
1,2-Dichloropropane (ug/L)	MW-E	6	0.3917	0.298	0.1217	0.27	0.27	0.635	0.27	1	100
1,4-Dichlorobenzene (ug/L)	GU-18	5	0.846	0.3444	0.154	1	0.615	1	0.23	1	100
1,4-Dichlorobenzene (ug/L)	GU-3	42	1.588	2.073	0.3199	1	1	1	0.16	11.1	100
1,4-Dichlorobenzene (ug/L)	GU-4	40	1.369	1.478	0.2337	1	1	1	0.16	5.95	100
1,4-Dichlorobenzene (ug/L)	GU-5	39	1.024	0.5701	0.09129	1	1	1	0.23	4	100
1,4-Dichlorobenzene (ug/L)	MW-26 (bg)	17	0.7735	0.3616	0.08771	1	0.23	1	0.23	1	100
1,4-Dichlorobenzene (ug/L)	MW-67	26	0.8519	0.3095	0.06069	1	1	1	0.23	1	100
1,4-Dichlorobenzene (ug/L)	MW-B	35	0.9186	0.3313	0.056	1	1	1	0.23	2	100
1,4-Dichlorobenzene (ug/L)	MW-C	31	0.8758	0.2879	0.05171	1	1	1	0.23	1	100
1,4-Dichlorobenzene (ug/L)	MW-E	6	0.3583	0.3144	0.1283	0.23	0.23	0.615	0.23	1	100
2-Butanone [MEK] (ug/L)	GU-18	5	8.42	3.533	1.58	10	6.05	10	2.1	10	100
2-Butanone [MEK] (ug/L)	GU-3	39	9.621	1.948	0.312	10	10	10	0.91	12.2	97.44
2-Butanone [MEK] (ug/L)	GU-4	38	9.553	1.927	0.3127	10	10	10	0.91	10	100
2-Butanone [MEK] (ug/L)	GU-5	36	9.781	1.317	0.2194	10	10	10	2.1	10	100
2-Butanone [MEK] (ug/L)	MW-26 (bg)	16	9.012	2.698	0.6746	10	10	10	2.1	10	100
2-Butanone [MEK] (ug/L)	MW-67	23	9.313	2.276	0.4746	10	10	10	2.1	10	100
2-Butanone [MEK] (ug/L)	MW-B	32	9.506	1.943	0.3435	10	10	10	2.1	10	100
2-Butanone [MEK] (ug/L)	MW-C	30	9.473	2.004	0.3659	10	10	10	2.1	10	100
2-Hexanone (ug/L)	GU-18	5	8.4	3.578	1.6	10	6	10	2	10	100
2-Hexanone (ug/L)	GU-3	42	9.042	2.638	0.4071	10	10	10	1.76	10	100
2-Hexanone (ug/L)	GU-4	41	9.019	2.666	0.4164	10	10	10	1.76	10	100
2-Hexanone (ug/L)	GU-5	39	9.179	2.459	0.3937	10	10	10	2	10	100
2-Hexanone (ug/L)	MW-26 (bg)	19	7.895	3.619	0.8303	10	2	10	2	10	100
2-Hexanone (ug/L)	MW-67	26	8.462	3.215	0.6306	10	10	10	2	10	100
2-Hexanone (ug/L)	MW-B	35	8.857	2.84	0.4801	10	10	10	2	10	100
2-Hexanone (ug/L)	MW-C	33	8.788	2.913	0.5071	10	10	10	2	10	100
2-Hexanone (ug/L)	MW-E	6	3.333	3.266	1.333	2	2	6	2	10	100
4-Methyl-2-pentanone [MIBK] (ug/L)	GU-18	2	10	0	0	10	10	10	10	10	100
4-Methyl-2-pentanone [MIBK] (ug/L)	GU-3	36	9.731	1.615	0.2692	10	10	10	0.31	10	100
4-Methyl-2-pentanone [MIBK] (ug/L)	GU-4	35	9.723	1.638	0.2769	10	10	10	0.31	10	100
4-Methyl-2-pentanone [MIBK] (ug/L)	GU-5	33	10	0	0	10	10	10	10	10	100
4-Methyl-2-pentanone [MIBK] (ug/L)	MW-26 (bg)	13	10	0	0	10	10	10	10	10	100
4-Methyl-2-pentanone [MIBK] (ug/L)	MW-67	19	10	0	0	10	10	10	10	10	100
4-Methyl-2-pentanone [MIBK] (ug/L)	MW-B	28	10	0	0	10	10	10	10	10	100
4-Methyl-2-pentanone [MIBK] (ug/L)	MW-C	25	10	0	0	10	10	10	10	10	100
Acetone (ug/L)	GU-18	5	8.62	3.086	1.38	10	6.55	10	3.1	10	100
Acetone (ug/L)	GU-3	42	8.545	2.626	0.4052	10	7.42	10	3.1	10	85.71
Acetone (ug/L)	GU-4	41	8.928	2.693	0.4206	10	10	10	2.06	13.5	92.68
Acetone (ug/L)	GU-5	39	8.38	2.913	0.4664	10	8.16	10	1.79	10	84.62

Box & Whiskers Plot

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE PII PRIME flat Printed 12/3/2024, 5:14 PM

Constituent	Well	N	Mean	Std. Dev.	Std. Err.	Median	Lower Q.	Upper Q.	Min.	Max.	%NDs
Acetone (ug/L)	MW-26 (bg)	19	8.184	3.122	0.7162	10	3.1	10	3.1	10	100
Acetone (ug/L)	MW-67	26	8.673	2.773	0.5439	10	10	10	3.1	10	100
Acetone (ug/L)	MW-B	35	9.198	3.43	0.5798	10	10	10	2.45	22.2	91.43
Acetone (ug/L)	MW-C	33	8.43	2.874	0.5002	10	8.25	10	2.89	10	90.91
Acetone (ug/L)	MW-E	6	4.25	2.817	1.15	3.1	3.1	6.55	3.1	10	100
Acrylonitrile (ug/L)	GU-18	5	8.44	3.488	1.56	10	6.1	10	2.2	10	100
Acrylonitrile (ug/L)	GU-3	41	9.117	2.431	0.3797	10	10	10	2.2	10	100
Acrylonitrile (ug/L)	GU-4	40	9.095	2.458	0.3886	10	10	10	2.2	10	100
Acrylonitrile (ug/L)	GU-5	39	9.072	2.486	0.398	10	10	10	2.2	10	100
Acrylonitrile (ug/L)	MW-26 (bg)	20	8.05	3.465	0.7749	10	6.1	10	2.2	10	100
Acrylonitrile (ug/L)	MW-67	26	8.5	3.135	0.6148	10	10	10	2.2	10	100
Acrylonitrile (ug/L)	MW-B	35	8.886	2.769	0.4681	10	10	10	2.2	10	100
Acrylonitrile (ug/L)	MW-C	33	8.818	2.84	0.4944	10	10	10	2.2	10	100
Acrylonitrile (ug/L)	MW-E	6	3.5	3.184	1.3	2.2	2.2	6.1	2.2	10	100
Benzene (ug/L)	GU-18	5	0.444	0.1252	0.056	0.5	0.36	0.5	0.22	0.5	100
Benzene (ug/L)	GU-3	42	0.4833	0.1558	0.02404	0.5	0.5	0.5	0.16	1.26	97.62
Benzene (ug/L)	GU-4	42	0.4526	0.1164	0.01796	0.5	0.5	0.5	0.136	0.61	92.86
Benzene (ug/L)	GU-5	39	0.4713	0.08606	0.01378	0.5	0.5	0.5	0.22	0.5	100
Benzene (ug/L)	MW-26 (bg)	19	0.4263	0.1267	0.02906	0.5	0.22	0.5	0.22	0.5	100
Benzene (ug/L)	MW-67	26	0.4462	0.1125	0.02207	0.5	0.5	0.5	0.22	0.5	100
Benzene (ug/L)	MW-B	35	0.46	0.09941	0.0168	0.5	0.5	0.5	0.22	0.5	100
Benzene (ug/L)	MW-C	33	0.4576	0.102	0.01775	0.5	0.5	0.5	0.22	0.5	100
Benzene (ug/L)	MW-E	6	0.2667	0.1143	0.04667	0.22	0.22	0.36	0.22	0.5	100
Bromochloromethane (ug/L)	GU-18	5	4.108	1.995	0.892	5	2.77	5	0.54	5	100
Bromochloromethane (ug/L)	GU-3	42	4.474	1.448	0.2234	5	5	5	0.54	5	100
Bromochloromethane (ug/L)	GU-4	41	4.461	1.463	0.2285	5	5	5	0.54	5	100
Bromochloromethane (ug/L)	GU-5	39	4.543	1.371	0.2195	5	5	5	0.54	5	100
Bromochloromethane (ug/L)	MW-26 (bg)	20	3.685	2.063	0.4613	5	0.77	5	0.54	5	100
Bromochloromethane (ug/L)	MW-67	26	4.142	1.793	0.3515	5	5	5	0.54	5	100
Bromochloromethane (ug/L)	MW-B	35	4.363	1.583	0.2677	5	5	5	0.54	5	100
Bromochloromethane (ug/L)	MW-C	33	4.324	1.624	0.2827	5	5	5	0.54	5	100
Bromochloromethane (ug/L)	MW-E	6	1.283	1.821	0.7433	0.54	0.54	2.77	0.54	5	100
Bromodichloromethane (ug/L)	GU-18	5	0.878	0.2728	0.122	1	0.695	1	0.39	1	100
Bromodichloromethane (ug/L)	GU-3	39	0.9169	0.2212	0.03542	1	1	1	0.2	1	100
Bromodichloromethane (ug/L)	GU-4	38	0.9147	0.2237	0.03629	1	1	1	0.2	1	100
Bromodichloromethane (ug/L)	GU-5	36	0.9322	0.1944	0.0324	1	1	1	0.39	1	100
Bromodichloromethane (ug/L)	MW-26 (bg)	20	0.8475	0.271	0.0606	1	0.695	1	0.39	1	100
Bromodichloromethane (ug/L)	MW-67	26	0.8827	0.2452	0.04808	1	1	1	0.39	1	100
Bromodichloromethane (ug/L)	MW-B	35	0.9129	0.2166	0.03661	1	1	1	0.39	1	100
Bromodichloromethane (ug/L)	MW-C	33	0.9076	0.2221	0.03866	1	1	1	0.39	1	100
Bromodichloromethane (ug/L)	MW-E	6	0.4917	0.249	0.1017	0.39	0.39	0.695	0.39	1	100
Bromoform (ug/L)	GU-18	5	4.156	1.887	0.844	5	2.89	5	0.78	5	100
Bromoform (ug/L)	GU-3	38	4.436	1.471	0.2386	5	5	5	0.43	5	100
Bromoform (ug/L)	GU-4	38	4.436	1.471	0.2386	5	5	5	0.43	5	100
Bromoform (ug/L)	GU-5	36	4.531	1.345	0.2242	5	5	5	0.78	5	100
Bromoform (ug/L)	MW-26 (bg)	20	3.745	1.967	0.4399	5	0.89	5	0.78	5	100
Bromoform (ug/L)	MW-67	26	4.188	1.696	0.3326	5	5	5	0.78	5	100
Bromoform (ug/L)	MW-B	35	4.397	1.498	0.2533	5	5	5	0.78	5	100
Bromoform (ug/L)	MW-C	33	4.361	1.537	0.2675	5	5	5	0.78	5	100
Bromoform (ug/L)	MW-E	6	1.483	1.723	0.7033	0.78	0.78	2.89	0.78	5	100

Box & Whiskers Plot

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE PII PRIME flat Printed 12/3/2024, 5:14 PM

Constituent	Well	N	Mean	Std. Dev.	Std. Err.	Median	Lower Q.	Upper Q.	Min.	Max.	%NDs
Bromomethane (ug/L)	GU-18	5	3.42	1.297	0.58	4	2.55	4	1.1	4	100
Bromomethane (ug/L)	GU-3	41	3.457	1.22	0.1906	4	4	4	0.392	4	95.12
Bromomethane (ug/L)	GU-4	40	3.347	1.334	0.2109	4	4	4	0.28	4	92.5
Bromomethane (ug/L)	GU-5	38	3.304	1.378	0.2236	4	4	4	0.253	4	89.47
Bromomethane (ug/L)	MW-26 (bg)	20	2.936	1.498	0.3351	4	1.1	4	0.226	4	95
Bromomethane (ug/L)	MW-67	26	3.017	1.52	0.298	4	1.1	4	0.268	4	88.46
Bromomethane (ug/L)	MW-B	35	3.274	1.366	0.2308	4	4	4	0.281	4	91.43
Bromomethane (ug/L)	MW-C	32	3.024	1.508	0.2666	4	1.1	4	0.222	4	84.38
Bromomethane (ug/L)	MW-E	6	1.583	1.184	0.4833	1.1	1.1	2.55	1.1	4	100
Carbon disulfide (ug/L)	GU-18	5	0.89	0.246	0.11	1	0.725	1	0.45	1	100
Carbon disulfide (ug/L)	GU-3	42	1.166	1.42	0.2192	1	1	1	0.18	10	100
Carbon disulfide (ug/L)	GU-4	41	1.171	1.435	0.2241	1	1	1	0.45	10	95.12
Carbon disulfide (ug/L)	GU-5	39	1.2	1.466	0.2347	1	1	1	0.45	10	100
Carbon disulfide (ug/L)	MW-26 (bg)	19	0.9079	0.3614	0.08292	1	0.45	1	0.45	2	100
Carbon disulfide (ug/L)	MW-67	26	0.8942	0.2211	0.04335	1	1	1	0.45	1	100
Carbon disulfide (ug/L)	MW-B	34	0.9485	0.2709	0.04647	1	1	1	0.45	2	100
Carbon disulfide (ug/L)	MW-C	32	0.943	0.2838	0.05017	1	1	1	0.3745	2	96.88
Carbon disulfide (ug/L)	MW-E	6	0.5417	0.2245	0.09167	0.45	0.45	0.725	0.45	1	100
Carbon Tetrachloride (ug/L)	GU-18	5	1.73	0.6037	0.27	2	1.325	2	0.65	2	100
Carbon Tetrachloride (ug/L)	GU-3	42	1.95	0.7497	0.1157	2	2	2	0.31	5	100
Carbon Tetrachloride (ug/L)	GU-4	41	1.998	0.8238	0.1287	2	2	2	0.31	5	100
Carbon Tetrachloride (ug/L)	GU-5	39	2.041	0.7984	0.1279	2	2	2	0.65	5	100
Carbon Tetrachloride (ug/L)	MW-26 (bg)	19	1.592	0.6214	0.1426	2	0.65	2	0.65	2	100
Carbon Tetrachloride (ug/L)	MW-67	26	1.74	0.5426	0.1064	2	2	2	0.65	2	100
Carbon Tetrachloride (ug/L)	MW-B	34	1.801	0.4853	0.08323	2	2	2	0.65	2	100
Carbon Tetrachloride (ug/L)	MW-C	33	1.795	0.4915	0.08557	2	2	2	0.65	2	100
Carbon Tetrachloride (ug/L)	MW-E	6	0.875	0.5511	0.225	0.65	0.65	1.325	0.65	2	100
Chlorobenzene (ug/L)	GU-18	5	0.88	0.2683	0.12	1	0.7	1	0.4	1	100
Chlorobenzene (ug/L)	GU-3	42	0.9231	0.2142	0.03305	1	1	1	0.17	1	100
Chlorobenzene (ug/L)	GU-4	41	0.9212	0.2165	0.03381	1	1	1	0.17	1	100
Chlorobenzene (ug/L)	GU-5	39	0.9385	0.1844	0.02953	1	1	1	0.4	1	100
Chlorobenzene (ug/L)	MW-26 (bg)	20	0.85	0.2666	0.0596	1	0.7	1	0.4	1	100
Chlorobenzene (ug/L)	MW-67	26	0.8846	0.2412	0.04729	1	1	1	0.4	1	100
Chlorobenzene (ug/L)	MW-B	35	0.9143	0.213	0.03601	1	1	1	0.4	1	100
Chlorobenzene (ug/L)	MW-C	33	0.9091	0.2185	0.03803	1	1	1	0.4	1	100
Chlorobenzene (ug/L)	MW-E	6	0.5	0.2449	0.1	0.4	0.4	0.7	0.4	1	100
Chloroethane (ug/L)	GU-18	5	3.358	1.436	0.642	4	2.395	4	0.79	4	100
Chloroethane (ug/L)	GU-3	42	3.611	1.072	0.1654	4	4	4	0.5	4	100
Chloroethane (ug/L)	GU-4	41	3.601	1.083	0.1692	4	4	4	0.5	4	100
Chloroethane (ug/L)	GU-5	39	3.671	0.9866	0.158	4	4	4	0.79	4	100
Chloroethane (ug/L)	MW-26 (bg)	20	3.048	1.493	0.3339	4	0.895	4	0.79	4	100
Chloroethane (ug/L)	MW-67	26	3.383	1.29	0.253	4	4	4	0.79	4	100
Chloroethane (ug/L)	MW-B	35	3.541	1.14	0.1926	4	4	4	0.79	4	100
Chloroethane (ug/L)	MW-C	33	3.514	1.169	0.2035	4	4	4	0.79	4	100
Chloroethane (ug/L)	MW-E	6	1.325	1.31	0.535	0.79	0.79	2.395	0.79	4	100
Chloroform (ug/L)	GU-18	5	1.86	1.048	0.4686	1.3	1	3	1	3	100
Chloroform (ug/L)	GU-3	42	1.414	0.8095	0.1249	1	1	1.3	0.17	3	100
Chloroform (ug/L)	GU-4	41	1.277	0.6873	0.1073	1	1	1.15	0.17	3	100
Chloroform (ug/L)	GU-5	39	1.492	0.8096	0.1296	1	1	2	1	3	100
Chloroform (ug/L)	MW-26 (bg)	20	1.775	0.9301	0.208	1.3	1	3	1	3	100

Box & Whiskers Plot

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE PII PRIME flat Printed 12/3/2024, 5:14 PM

Constituent	Well	N	Mean	Std. Dev.	Std. Err.	Median	Lower Q.	Upper Q.	Min.	Max.	%NDs
Chloroform (ug/L)	MW-67	26	1.673	0.9093	0.1783	1.15	1	3	1	3	100
Chloroform (ug/L)	MW-B	35	1.5	0.8349	0.1411	1	1	1.3	1	3	100
Chloroform (ug/L)	MW-C	33	1.561	0.8492	0.1478	1	1	2.5	1	3	100
Chloroform (ug/L)	MW-E	6	1.583	0.694	0.2833	1.3	1.3	2.15	1.3	3	100
Chloromethane (ug/L)	GU-18	5	2.522	1.069	0.478	3	1.805	3	0.61	3	100
Chloromethane (ug/L)	GU-3	42	2.642	0.8904	0.1374	3	3	3	0.2	3	97.62
Chloromethane (ug/L)	GU-4	41	2.643	0.8755	0.1367	3	3	3	0.22	3	95.12
Chloromethane (ug/L)	GU-5	39	2.696	0.8035	0.1287	3	3	3	0.61	3	97.44
Chloromethane (ug/L)	MW-26 (bg)	20	2.303	1.096	0.2451	3	0.805	3	0.61	3	100
Chloromethane (ug/L)	MW-67	26	2.353	1.088	0.2134	3	0.6775	3	0.383	3	92.31
Chloromethane (ug/L)	MW-B	35	2.508	1	0.1691	3	3	3	0.356	3	94.29
Chloromethane (ug/L)	MW-C	33	2.567	0.9323	0.1623	3	3	3	0.61	3	96.97
Chloromethane (ug/L)	MW-E	6	1.008	0.9757	0.3983	0.61	0.61	1.805	0.61	3	100
cis-1,2-Dichloroethene (ug/L)	GU-18	5	0.842	0.3533	0.158	1	0.605	1	0.21	1	100
cis-1,2-Dichloroethene (ug/L)	GU-3	42	0.8986	0.2557	0.03945	1	1	1	0.21	1	97.62
cis-1,2-Dichloroethene (ug/L)	GU-4	41	0.8471	0.307	0.04794	1	1	1	0.137	1	87.8
cis-1,2-Dichloroethene (ug/L)	GU-5	39	0.919	0.2428	0.03888	1	1	1	0.21	1	100
cis-1,2-Dichloroethene (ug/L)	MW-26 (bg)	20	0.8525	0.4404	0.09848	1	0.605	1	0.21	2	100
cis-1,2-Dichloroethene (ug/L)	MW-67	26	0.8481	0.3175	0.06227	1	1	1	0.21	1	100
cis-1,2-Dichloroethene (ug/L)	MW-B	35	0.8951	0.3544	0.0599	1	1	1	0.158	2	94.29
cis-1,2-Dichloroethene (ug/L)	MW-C	33	0.8814	0.2852	0.04964	1	1	1	0.21	1	96.97
cis-1,2-Dichloroethene (ug/L)	MW-E	6	0.3417	0.3225	0.1317	0.21	0.21	0.605	0.21	1	100
cis-1,3-Dichloropropene (ug/L)	GU-18	5	4.05	2.124	0.95	5	2.625	5	0.25	5	100
cis-1,3-Dichloropropene (ug/L)	GU-3	42	4.91	2.974	0.4589	5	5	5	0.23	20	100
cis-1,3-Dichloropropene (ug/L)	GU-4	41	4.908	3.011	0.4702	5	5	5	0.23	20	100
cis-1,3-Dichloropropene (ug/L)	GU-5	39	5.026	2.992	0.4791	5	5	5	0.25	20	100
cis-1,3-Dichloropropene (ug/L)	MW-26 (bg)	20	3.863	2.595	0.5802	5	0.625	5	0.25	10	100
cis-1,3-Dichloropropene (ug/L)	MW-67	26	4.087	1.909	0.3744	5	5	5	0.25	5	100
cis-1,3-Dichloropropene (ug/L)	MW-B	35	4.464	1.939	0.3277	5	5	5	0.25	10	100
cis-1,3-Dichloropropene (ug/L)	MW-C	33	4.28	1.73	0.3011	5	5	5	0.25	5	100
cis-1,3-Dichloropropene (ug/L)	MW-E	6	1.042	1.939	0.7917	0.25	0.25	2.625	0.25	5	100
Dibromochloromethane (ug/L)	GU-18	5	4.15	1.901	0.85	5	2.875	5	0.75	5	100
Dibromochloromethane (ug/L)	GU-3	39	5.282	2.75	0.4404	5	5	5	0.26	20	100
Dibromochloromethane (ug/L)	GU-4	38	5.29	2.787	0.4521	5	5	5	0.26	20	100
Dibromochloromethane (ug/L)	GU-5	36	5.438	2.732	0.4553	5	5	5	0.75	20	100
Dibromochloromethane (ug/L)	MW-26 (bg)	17	4.265	1.638	0.3973	5	5	5	0.75	5	100
Dibromochloromethane (ug/L)	MW-67	23	4.63	1.224	0.2553	5	5	5	0.75	5	100
Dibromochloromethane (ug/L)	MW-B	32	4.734	1.045	0.1848	5	5	5	0.75	5	100
Dibromochloromethane (ug/L)	MW-C	30	4.717	1.078	0.1969	5	5	5	0.75	5	100
Dichloromethane (ug/L)	GU-18	5	4.34	1.476	0.66	5	3.35	5	1.7	5	100
Dichloromethane (ug/L)	GU-3	39	4.225	1.693	0.2711	5	5	5	0.197	5	84.62
Dichloromethane (ug/L)	GU-4	38	3.913	1.874	0.304	5	2	5	0.198	5	76.32
Dichloromethane (ug/L)	GU-5	36	4.404	1.931	0.3219	5	5	5	0.197	10	86.11
Dichloromethane (ug/L)	MW-26 (bg)	17	4.332	1.518	0.3681	5	5	5	0.238	5	94.12
Dichloromethane (ug/L)	MW-67	23	3.302	2.196	0.458	5	0.441	5	0.186	5	69.57
Dichloromethane (ug/L)	MW-B	32	4.291	1.546	0.2733	5	5	5	0.192	5	87.5
Dichloromethane (ug/L)	MW-C	29	3.967	1.786	0.3316	5	2.684	5	0.186	5	79.31
Ethylbenzene (ug/L)	GU-18	5	0.862	0.3086	0.138	1	0.655	1	0.31	1	100
Ethylbenzene (ug/L)	GU-3	42	0.901	0.2457	0.03791	1	1	1	0.25	1	97.62
Ethylbenzene (ug/L)	GU-4	41	0.9146	0.232	0.03623	1	1	1	0.26	1	97.56

Box & Whiskers Plot

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE PII PRIME flat Printed 12/3/2024, 5:14 PM

Constituent	Well	N	Mean	Std. Dev.	Std. Err.	Median	Lower Q.	Upper Q.	Min.	Max.	%NDs
Ethylbenzene (ug/L)	GU-5	39	0.9292	0.2121	0.03396	1	1	1	0.31	1	100
Ethylbenzene (ug/L)	MW-26 (bg)	20	0.8275	0.3065	0.06854	1	0.655	1	0.31	1	100
Ethylbenzene (ug/L)	MW-67	26	0.8673	0.2773	0.05439	1	1	1	0.31	1	100
Ethylbenzene (ug/L)	MW-B	35	0.9014	0.245	0.04141	1	1	1	0.31	1	100
Ethylbenzene (ug/L)	MW-C	33	0.8955	0.2512	0.04373	1	1	1	0.31	1	100
Ethylbenzene (ug/L)	MW-E	6	0.425	0.2817	0.115	0.31	0.31	0.655	0.31	1	100
Iodomethane (ug/L)	GU-18	5	9.4	1.342	0.6	10	8.5	10	7	10	100
Iodomethane (ug/L)	GU-3	42	11.15	6.936	1.07	10	10	10	0.4	50	100
Iodomethane (ug/L)	GU-4	41	10.2	3.265	0.5099	10	10	10	0.4	20	100
Iodomethane (ug/L)	GU-5	39	10.72	3.308	0.5297	10	10	10	7	20	100
Iodomethane (ug/L)	MW-26 (bg)	19	9.211	1.357	0.3114	10	7	10	7	10	100
Iodomethane (ug/L)	MW-67	26	9.423	1.206	0.2365	10	10	10	7	10	100
Iodomethane (ug/L)	MW-B	34	11.03	7.196	1.234	10	10	10	7	50	100
Iodomethane (ug/L)	MW-C	32	10.16	2.807	0.4962	10	10	10	7	20	100
Iodomethane (ug/L)	MW-E	6	7.5	1.225	0.5	7	7	8.5	7	10	100
Methylene Bromide (ug/L)	GU-18	5	0.866	0.2996	0.134	1	0.665	1	0.33	1	100
Methylene Bromide (ug/L)	GU-3	42	0.9195	0.2216	0.0342	1	1	1	0.3	1	100
Methylene Bromide (ug/L)	GU-4	41	0.9176	0.224	0.03498	1	1	1	0.3	1	100
Methylene Bromide (ug/L)	GU-5	39	0.9313	0.2059	0.03297	1	1	1	0.33	1	100
Methylene Bromide (ug/L)	MW-26 (bg)	20	0.8825	0.3953	0.08838	1	0.665	1	0.33	2	100
Methylene Bromide (ug/L)	MW-67	26	0.8712	0.2693	0.05281	1	1	1	0.33	1	100
Methylene Bromide (ug/L)	MW-B	35	0.9329	0.3013	0.05093	1	1	1	0.33	2	100
Methylene Bromide (ug/L)	MW-C	33	0.8985	0.244	0.04247	1	1	1	0.33	1	100
Methylene Bromide (ug/L)	MW-E	6	0.4417	0.2735	0.1117	0.33	0.33	0.665	0.33	1	100
Styrene (ug/L)	GU-18	5	0.874	0.2817	0.126	1	0.685	1	0.37	1	100
Styrene (ug/L)	GU-3	42	1.04	0.5669	0.08748	1	1	1	0.19	4	100
Styrene (ug/L)	GU-4	41	1.041	0.5739	0.08963	1	1	1	0.19	4	100
Styrene (ug/L)	GU-5	39	1.064	0.5719	0.09158	1	1	1	0.37	4	100
Styrene (ug/L)	MW-26 (bg)	19	0.8342	0.285	0.06539	1	0.37	1	0.37	1	100
Styrene (ug/L)	MW-67	26	0.8788	0.2532	0.04966	1	1	1	0.37	1	100
Styrene (ug/L)	MW-B	34	0.9074	0.2265	0.03884	1	1	1	0.37	1	100
Styrene (ug/L)	MW-C	33	0.9045	0.2294	0.03993	1	1	1	0.37	1	100
Styrene (ug/L)	MW-E	6	0.475	0.2572	0.105	0.37	0.37	0.685	0.37	1	100
Tetrachloroethene (ug/L)	GU-18	5	0.896	0.2326	0.104	1	0.74	1	0.48	1	100
Tetrachloroethene (ug/L)	GU-3	42	0.9357	0.1775	0.0274	1	1	1	0.38	1	100
Tetrachloroethene (ug/L)	GU-4	41	0.9341	0.1795	0.02803	1	1	1	0.38	1	100
Tetrachloroethene (ug/L)	GU-5	39	0.9467	0.1598	0.02559	1	1	1	0.48	1	100
Tetrachloroethene (ug/L)	MW-26 (bg)	20	0.87	0.231	0.05166	1	0.74	1	0.48	1	100
Tetrachloroethene (ug/L)	MW-67	26	0.9	0.209	0.04099	1	1	1	0.48	1	100
Tetrachloroethene (ug/L)	MW-B	35	0.9257	0.1846	0.03121	1	1	1	0.48	1	100
Tetrachloroethene (ug/L)	MW-C	33	0.9212	0.1893	0.03296	1	1	1	0.48	1	100
Tetrachloroethene (ug/L)	MW-E	6	0.5667	0.2123	0.08667	0.48	0.48	0.74	0.48	1	100
Toluene (ug/L)	GU-18	5	0.886	0.2549	0.114	1	0.715	1	0.43	1	100
Toluene (ug/L)	GU-3	43	1.158	1.395	0.2127	1	1	1	0.43	10	95.35
Toluene (ug/L)	GU-4	41	0.9339	0.1806	0.02821	1	1	1	0.43	1	97.56
Toluene (ug/L)	GU-5	39	0.9415	0.1752	0.02805	1	1	1	0.43	1	100
Toluene (ug/L)	MW-26 (bg)	20	0.8575	0.2532	0.05662	1	0.715	1	0.43	1	100
Toluene (ug/L)	MW-67	26	0.8904	0.2291	0.04493	1	1	1	0.43	1	100
Toluene (ug/L)	MW-B	35	0.9186	0.2024	0.03421	1	1	1	0.43	1	100
Toluene (ug/L)	MW-C	33	0.9136	0.2075	0.03613	1	1	1	0.43	1	100

Box & Whiskers Plot

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE PII PRIME flat Printed 12/3/2024, 5:14 PM

Constituent	Well	N	Mean	Std. Dev.	Std. Err.	Median	Lower Q.	Upper Q.	Min.	Max.	%NDs
Toluene (ug/L)	MW-E	6	0.525	0.2327	0.095	0.43	0.43	0.715	0.43	1	100
trans-1,2-Dichloroethene (ug/L)	GU-18	5	0.854	0.3265	0.146	1	0.635	1	0.27	1	100
trans-1,2-Dichloroethene (ug/L)	GU-3	42	0.914	0.2367	0.03653	1	1	1	0.27	1	100
trans-1,2-Dichloroethene (ug/L)	GU-4	41	0.912	0.2393	0.03737	1	1	1	0.27	1	100
trans-1,2-Dichloroethene (ug/L)	GU-5	39	0.9251	0.2244	0.03593	1	1	1	0.27	1	100
trans-1,2-Dichloroethene (ug/L)	MW-26 (bg)	20	0.8175	0.3243	0.07252	1	0.635	1	0.27	1	100
trans-1,2-Dichloroethene (ug/L)	MW-67	26	0.8596	0.2934	0.05754	1	1	1	0.27	1	100
trans-1,2-Dichloroethene (ug/L)	MW-B	35	0.8957	0.2592	0.04381	1	1	1	0.27	1	100
trans-1,2-Dichloroethene (ug/L)	MW-C	33	0.8894	0.2658	0.04627	1	1	1	0.27	1	100
trans-1,2-Dichloroethene (ug/L)	MW-E	6	0.3917	0.298	0.1217	0.27	0.27	0.635	0.27	1	100
trans-1,3-Dichloropropene (ug/L)	GU-18	5	4.112	1.986	0.888	5	2.78	5	0.56	5	100
trans-1,3-Dichloropropene (ug/L)	GU-3	42	4.938	2.93	0.4521	5	5	5	0.17	20	100
trans-1,3-Dichloropropene (ug/L)	GU-4	41	4.937	2.967	0.4633	5	5	5	0.17	20	100
trans-1,3-Dichloropropene (ug/L)	GU-5	39	5.057	2.941	0.471	5	5	5	0.56	20	100
trans-1,3-Dichloropropene (ug/L)	MW-26 (bg)	20	3.94	2.483	0.5551	5	0.78	5	0.56	10	100
trans-1,3-Dichloropropene (ug/L)	MW-67	26	4.146	1.785	0.35	5	5	5	0.56	5	100
trans-1,3-Dichloropropene (ug/L)	MW-B	35	4.509	1.84	0.311	5	5	5	0.56	10	100
trans-1,3-Dichloropropene (ug/L)	MW-C	33	4.327	1.617	0.2814	5	5	5	0.56	5	100
trans-1,3-Dichloropropene (ug/L)	MW-E	6	1.3	1.813	0.74	0.56	0.56	2.78	0.56	5	100
trans-1,4-Dichloro-2-butene (ug/L)	GU-18	5	8.22	3.98	1.78	10	5.55	10	1.1	10	100
trans-1,4-Dichloro-2-butene (ug/L)	GU-3	42	9.433	3.731	0.5756	10	10	10	1.1	20	100
trans-1,4-Dichloro-2-butene (ug/L)	GU-4	41	9.42	3.776	0.5897	10	10	10	1.1	20	100
trans-1,4-Dichloro-2-butene (ug/L)	GU-5	39	9.6	3.666	0.587	10	10	10	1.1	20	100
trans-1,4-Dichloro-2-butene (ug/L)	MW-26 (bg)	20	7.525	3.964	0.8864	10	3.05	10	1.1	10	100
trans-1,4-Dichloro-2-butene (ug/L)	MW-67	26	8.288	3.577	0.7015	10	10	10	1.1	10	100
trans-1,4-Dichloro-2-butene (ug/L)	MW-B	35	9.014	3.686	0.6231	10	10	10	1.1	20	100
trans-1,4-Dichloro-2-butene (ug/L)	MW-C	33	8.955	3.791	0.66	10	10	10	1.1	20	100
trans-1,4-Dichloro-2-butene (ug/L)	MW-E	6	2.583	3.633	1.483	1.1	1.1	5.55	1.1	10	100
Trichloroethene (ug/L)	GU-18	5	0.886	0.2549	0.114	1	0.715	1	0.43	1	100
Trichloroethene (ug/L)	GU-3	42	0.9276	0.201	0.03102	1	1	1	0.24	1	100
Trichloroethene (ug/L)	GU-4	41	0.9259	0.2032	0.03174	1	1	1	0.24	1	100
Trichloroethene (ug/L)	GU-5	39	0.9415	0.1752	0.02805	1	1	1	0.43	1	100
Trichloroethene (ug/L)	MW-26 (bg)	20	0.8575	0.2532	0.05662	1	0.715	1	0.43	1	100
Trichloroethene (ug/L)	MW-67	26	0.8904	0.2291	0.04493	1	1	1	0.43	1	100
Trichloroethene (ug/L)	MW-B	35	0.8963	0.2337	0.0395	1	1	1	0.22	1	97.14
Trichloroethene (ug/L)	MW-C	33	0.9136	0.2075	0.03613	1	1	1	0.43	1	100
Trichloroethene (ug/L)	MW-E	6	0.525	0.2327	0.095	0.43	0.43	0.715	0.43	1	100
Trichlorofluoromethane (ug/L)	GU-18	5	3.276	1.619	0.724	4	2.19	4	0.38	4	100
Trichlorofluoromethane (ug/L)	GU-3	42	3.566	1.195	0.1843	4	4	4	0.26	4	100
Trichlorofluoromethane (ug/L)	GU-4	41	3.463	1.312	0.2049	4	4	4	0.222	4	97.56
Trichlorofluoromethane (ug/L)	GU-5	39	3.678	1.171	0.1875	4	4	4	0.38	5.93	97.44
Trichlorofluoromethane (ug/L)	MW-26 (bg)	20	2.945	1.658	0.3709	4	0.69	4	0.38	4	100
Trichlorofluoromethane (ug/L)	MW-67	26	3.304	1.455	0.2853	4	4	4	0.38	4	100
Trichlorofluoromethane (ug/L)	MW-B	35	3.483	1.285	0.2172	4	4	4	0.38	4	100
Trichlorofluoromethane (ug/L)	MW-C	33	3.452	1.318	0.2294	4	4	4	0.38	4	100
Trichlorofluoromethane (ug/L)	MW-E	6	0.9833	1.478	0.6033	0.38	0.38	2.19	0.38	4	100
Vinyl acetate (ug/L)	GU-18	5	5.3	4.295	1.921	2.5	2	10	2	10	100
Vinyl acetate (ug/L)	GU-3	42	5.77	4.487	0.6923	2.5	2	10	1.36	20	100
Vinyl acetate (ug/L)	GU-4	41	5.082	4.407	0.6883	2	2	10	1.36	20	100
Vinyl acetate (ug/L)	GU-5	39	6.692	4.458	0.7139	10	2	10	2	20	100

Box & Whiskers Plot

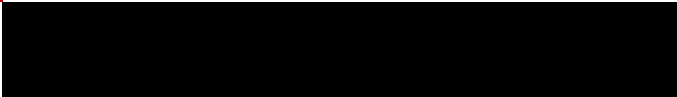
Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE PII PRIME flat Printed 12/3/2024, 5:14 PM

<u>Constituent</u>	<u>Well</u>	<u>N</u>	<u>Mean</u>	<u>Std. Dev.</u>	<u>Std. Err.</u>	<u>Median</u>	<u>Lower Q.</u>	<u>Upper Q.</u>	<u>Min.</u>	<u>Max.</u>	<u>%NDs</u>
Vinyl acetate (ug/L)	MW-26 (bg)	20	6.125	3.98	0.8899	6.25	2.25	10	2	10	100
Vinyl acetate (ug/L)	MW-67	26	7.019	3.848	0.7547	10	2.5	10	2	10	100
Vinyl acetate (ug/L)	MW-B	35	6.471	4.581	0.7743	10	2	10	2	20	100
Vinyl acetate (ug/L)	MW-C	33	6.742	4.579	0.7972	10	2	10	2	20	100
Vinyl acetate (ug/L)	MW-E	6	3.75	3.062	1.25	2.5	2.5	6.25	2.5	10	100
Vinyl chloride (ug/L)	GU-18	5	0.836	0.3667	0.164	1	0.59	1	0.18	1	100
Vinyl chloride (ug/L)	GU-3	42	0.9043	0.2638	0.0407	1	1	1	0.18	1	100
Vinyl chloride (ug/L)	GU-4	41	0.8336	0.3095	0.04834	1	0.8885	1	0.18	1	87.8
Vinyl chloride (ug/L)	GU-5	39	0.9159	0.252	0.04036	1	1	1	0.18	1	100
Vinyl chloride (ug/L)	MW-26 (bg)	20	0.795	0.3643	0.08146	1	0.59	1	0.18	1	100
Vinyl chloride (ug/L)	MW-67	26	0.8423	0.3296	0.06463	1	1	1	0.18	1	100
Vinyl chloride (ug/L)	MW-B	35	0.8829	0.2911	0.04921	1	1	1	0.18	1	100
Vinyl chloride (ug/L)	MW-C	33	0.8758	0.2986	0.05197	1	1	1	0.18	1	100
Vinyl chloride (ug/L)	MW-E	6	0.3167	0.3348	0.1367	0.18	0.18	0.59	0.18	1	100
Xylenes, total (ug/L)	GU-18	5	2.48	1.163	0.52	3	1.7	3	0.4	3	100
Xylenes, total (ug/L)	GU-3	42	2.878	1.105	0.1706	3	3	3	0.4	6	95.24
Xylenes, total (ug/L)	GU-4	41	2.865	1.117	0.1744	3	3	3	0.4	6	97.56
Xylenes, total (ug/L)	GU-5	39	2.913	1.097	0.1757	3	3	3	0.4	6	100
Xylenes, total (ug/L)	MW-26 (bg)	20	2.35	1.155	0.2583	3	1.7	3	0.4	3	100
Xylenes, total (ug/L)	MW-67	26	2.5	1.045	0.2049	3	3	3	0.4	3	100
Xylenes, total (ug/L)	MW-B	35	2.629	0.9231	0.156	3	3	3	0.4	3	100
Xylenes, total (ug/L)	MW-C	33	2.606	0.9467	0.1648	3	3	3	0.4	3	100
Xylenes, total (ug/L)	MW-E	6	0.8333	1.061	0.4333	0.4	0.4	1.7	0.4	3	100



Phase II - VOCs

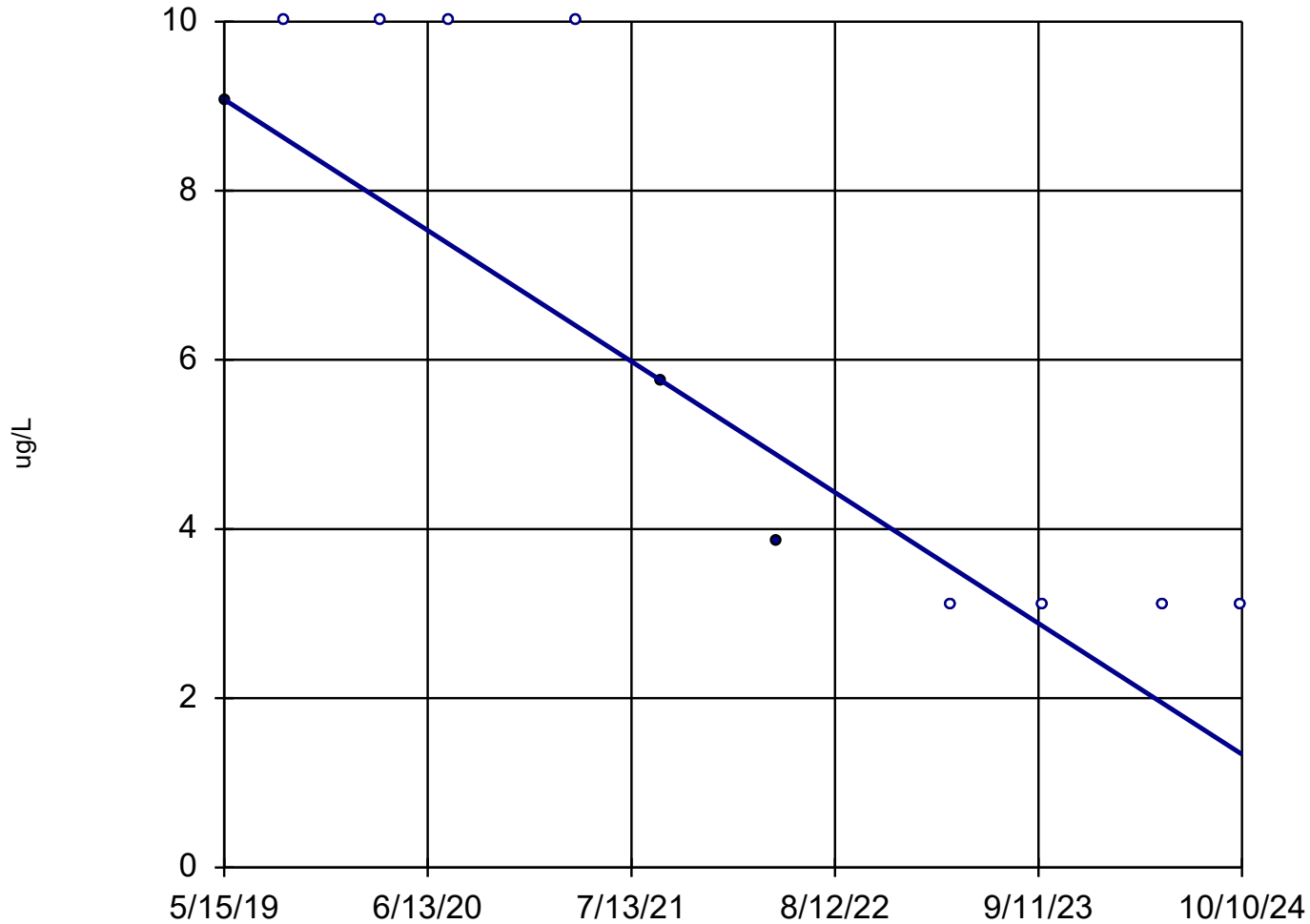
Trends Analysis



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Sen's Slope Estimator

GU-3



n = 11

Slope = -1.431
units per year.

Mann-Kendall
statistic = -35
critical = -31

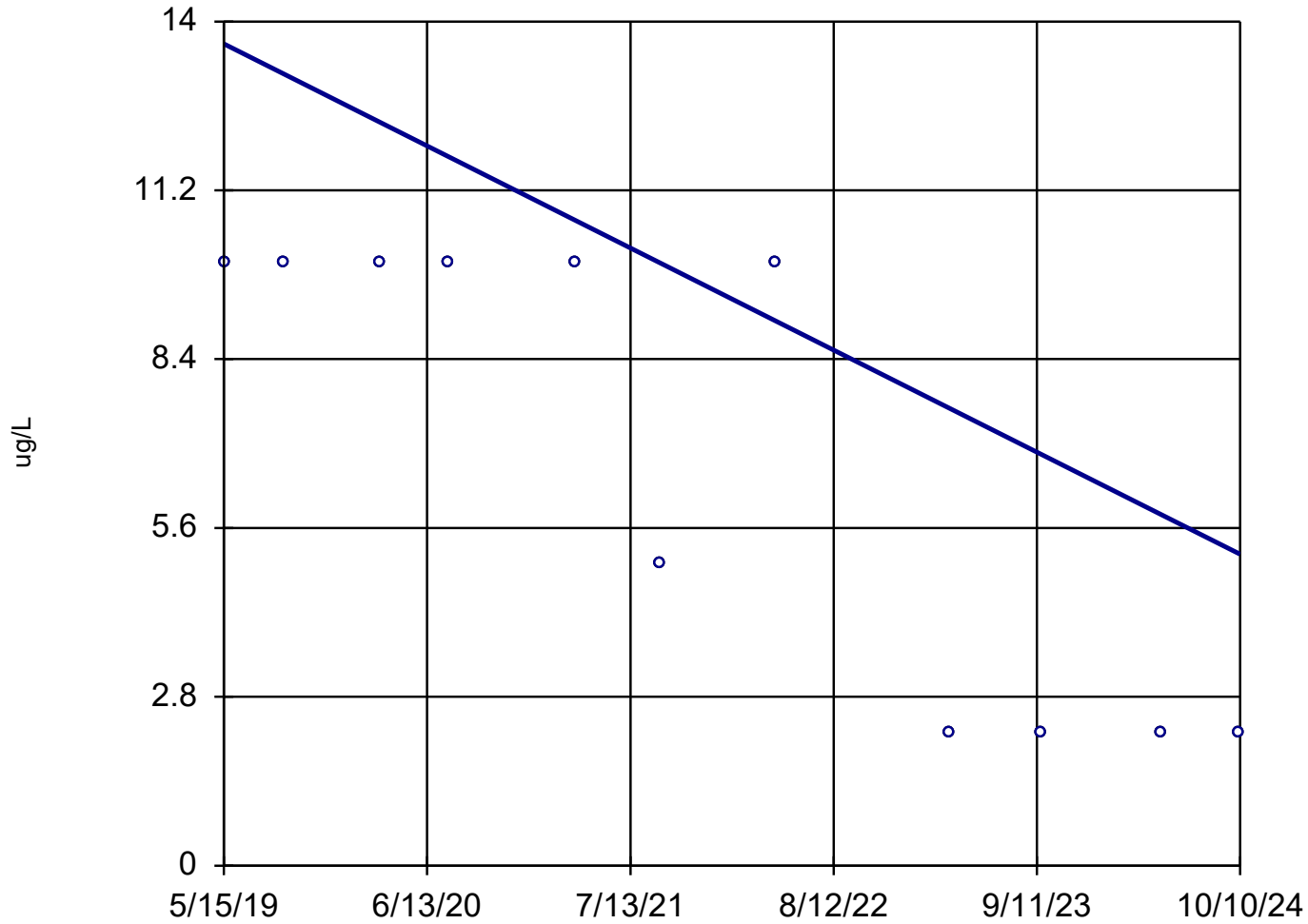
Decreasing trend
significant at 98%
confidence level
($\alpha = 0.01$ per
tail).

Constituent: Acetone Analysis Run 12/3/2024 5:17 PM View: Phase II - Appendix I VOCs Trend

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE PII PRIME flat

Sen's Slope Estimator

GU-3



n = 11

Slope = -1.564
units per year.

Mann-Kendall
statistic = -32
critical = -31

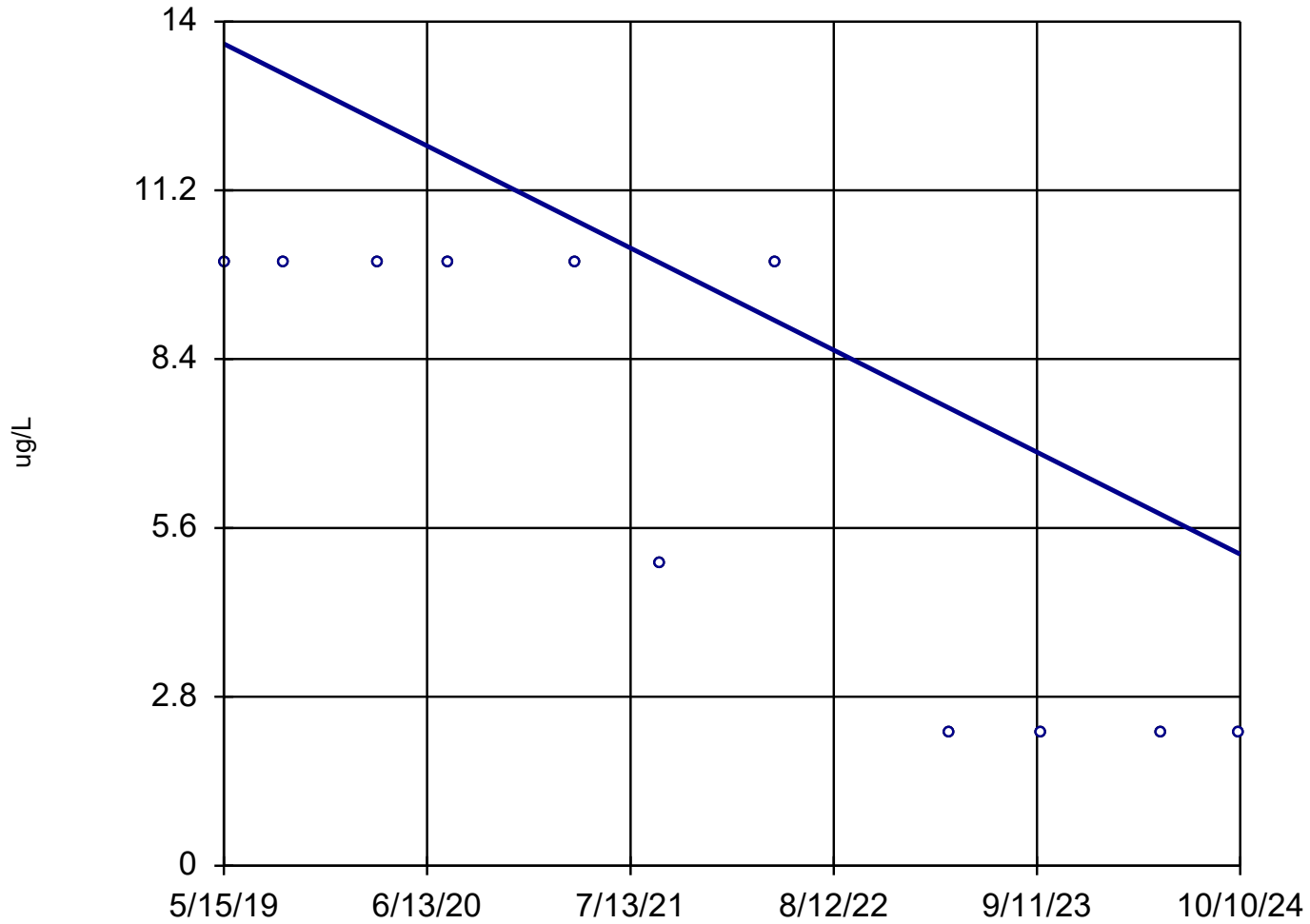
Decreasing trend
significant at 98%
confidence level
($\alpha = 0.01$ per
tail).

Constituent: Acrylonitrile Analysis Run 12/3/2024 5:17 PM View: Phase II - Appendix I VOCs Trend

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE PII PRIME flat

Sen's Slope Estimator

GU-5



n = 11

Slope = -1.564
units per year.

Mann-Kendall
statistic = -32
critical = -31

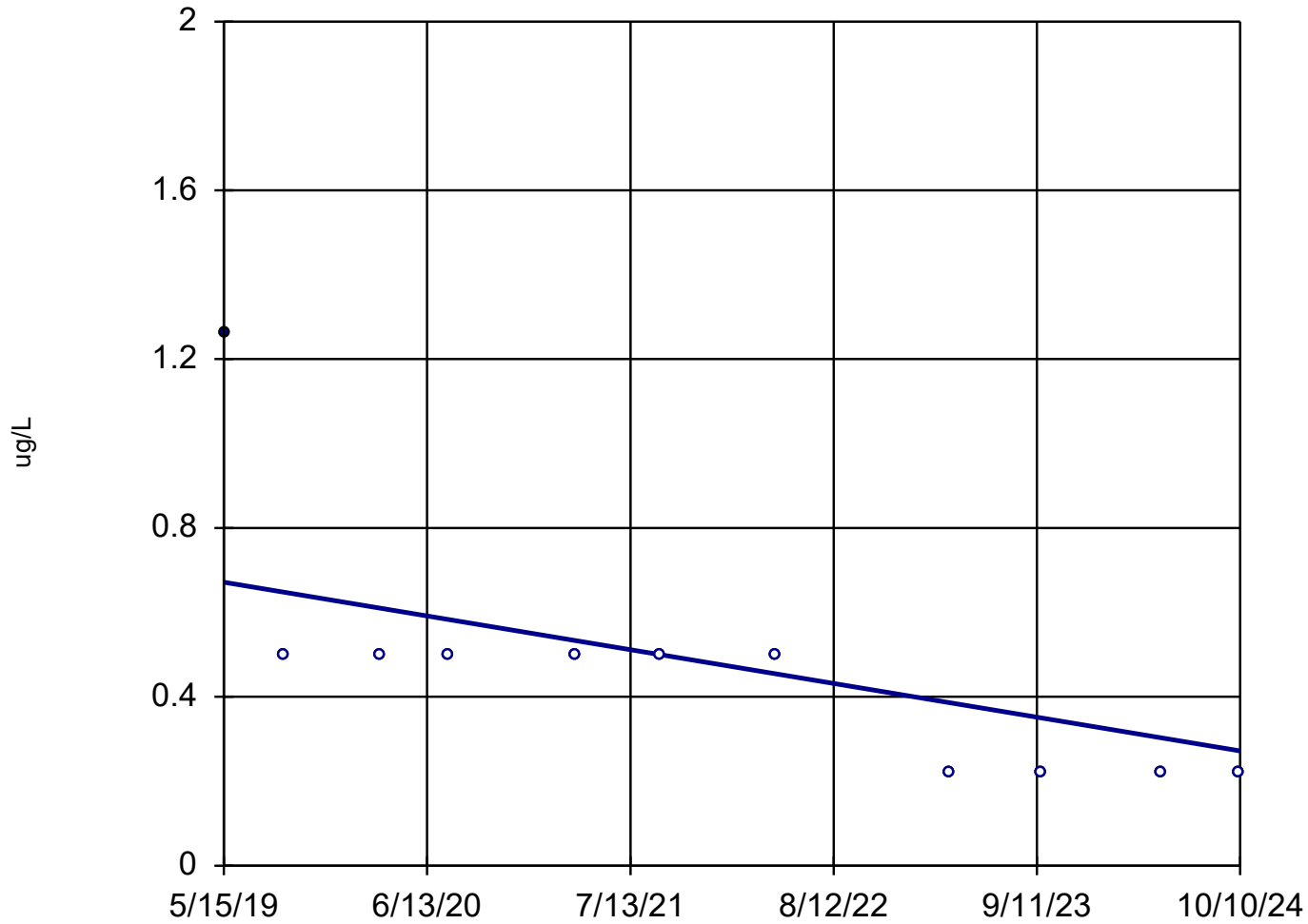
Decreasing trend
significant at 98%
confidence level
($\alpha = 0.01$ per
tail).

Constituent: Acrylonitrile Analysis Run 12/3/2024 5:17 PM View: Phase II - Appendix I VOCs Trend

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE PII PRIME flat

Sen's Slope Estimator

GU-3



n = 11

Slope = -0.07379
units per year.

Mann-Kendall
statistic = -34
critical = -31

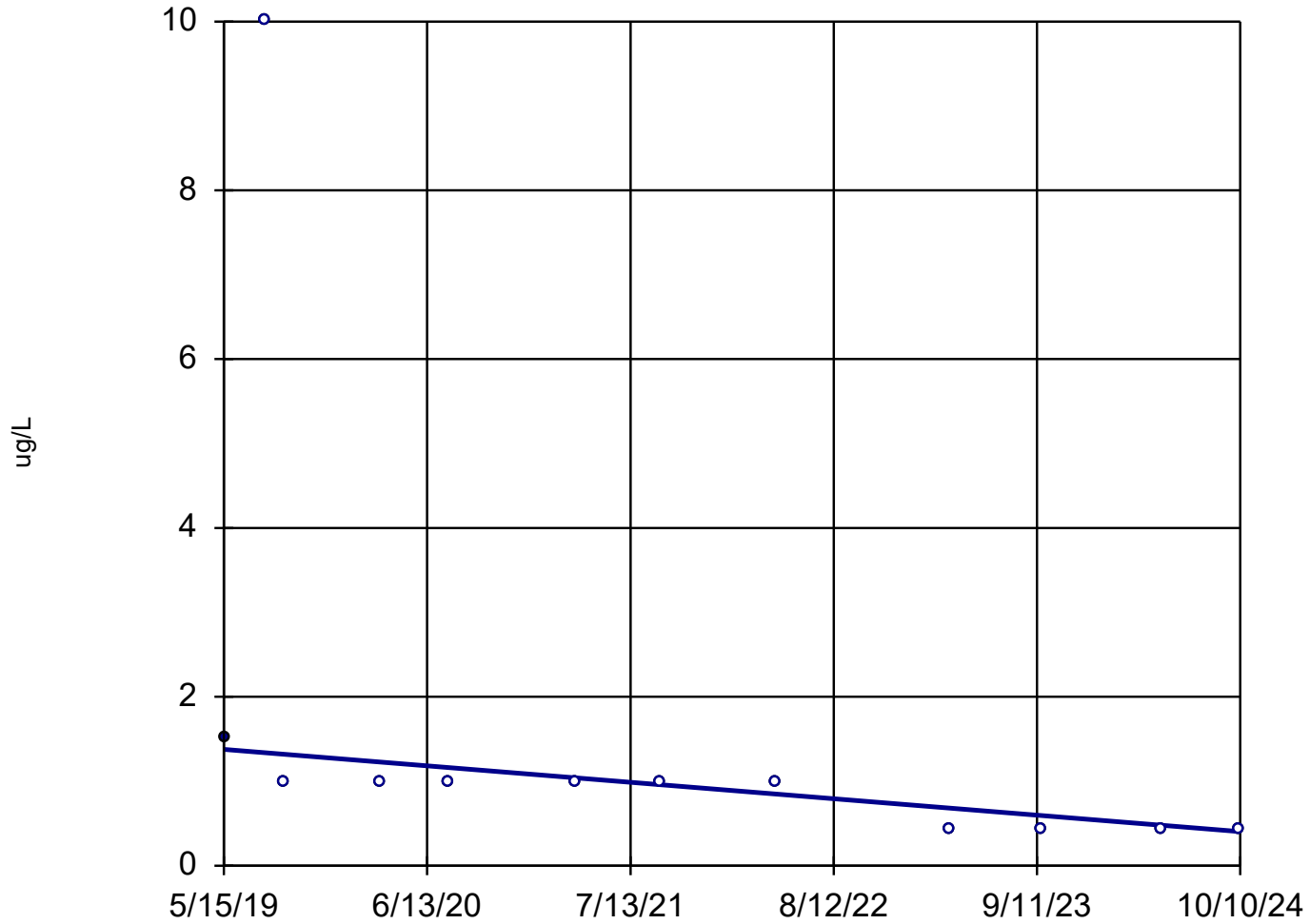
Decreasing trend
significant at 98%
confidence level
($\alpha = 0.01$ per
tail).

Constituent: Benzene Analysis Run 12/3/2024 5:17 PM View: Phase II - Appendix I VOCs Trend

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE PII PRIME flat

Sen's Slope Estimator

GU-3



n = 12

Slope = -0.1805
units per year.

Mann-Kendall
statistic = -43
critical = -35

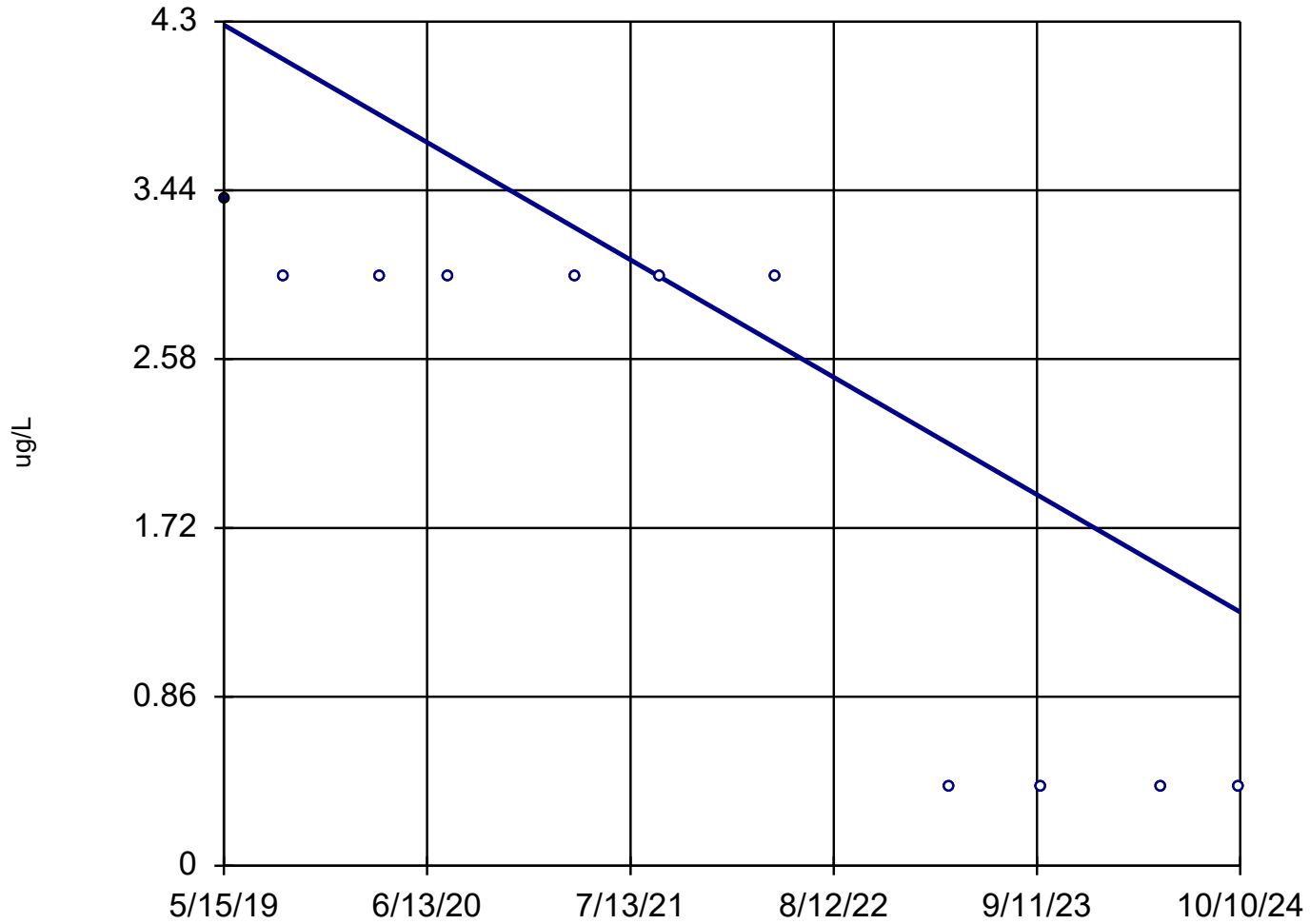
Decreasing trend
significant at 98%
confidence level
($\alpha = 0.01$ per
tail).

Constituent: Toluene Analysis Run 12/3/2024 5:19 PM View: Phase II - Appendix I VOCs Trend

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE PII PRIME flat

Sen's Slope Estimator

GU-3



n = 11

Slope = -0.5526
units per year.

Mann-Kendall
statistic = -34
critical = -31

Decreasing trend
significant at 98%
confidence level
($\alpha = 0.01$ per
tail).

Constituent: Xylenes, total Analysis Run 12/3/2024 5:20 PM View: Phase II - Appendix I VOCs Trend

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE PII PRIME flat

Trend Test

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE PII PRIME flat Printed 12/3/2024, 5:21 PM

<u>Constituent</u>	<u>Well</u>	<u>Slope</u>	<u>Calc.</u>	<u>Critical</u>	<u>Sig.</u>	<u>N</u>	<u>%NDs</u>	<u>Alpha</u>	<u>Method</u>
1,1,1,2-Tetrachloroethane (ug/L)	GU-18	-0.3943	NaN	NaN	No	3	100	NaN	NP
1,1,1,2-Tetrachloroethane (ug/L)	GU-3	-0.1146	-28	-31	No	11	100	0.02	NP
1,1,1,2-Tetrachloroethane (ug/L)	GU-4	-0.1479	-20	-23	No	9	100	0.02	NP
1,1,1,2-Tetrachloroethane (ug/L)	GU-5	-0.1146	-28	-31	No	11	100	0.02	NP
1,1,1,2-Tetrachloroethane (ug/L)	MW-26 (bg)	-0.1231	-35	-35	No	12	100	0.02	NP
1,1,1,2-Tetrachloroethane (ug/L)	MW-67	-0.1231	-35	-35	No	12	100	0.02	NP
1,1,1,2-Tetrachloroethane (ug/L)	MW-B	-0.1231	-35	-35	No	12	100	0.02	NP
1,1,1,2-Tetrachloroethane (ug/L)	MW-C	-0.1231	-35	-35	No	12	100	0.02	NP
1,1,1,2-Tetrachloroethane (ug/L)	MW-E	0	-1	-13	No	6	100	0.02	NP
1,1,1-Trichloroethane (ug/L)	GU-18	-0.5151	NaN	NaN	No	3	100	NaN	NP
1,1,1-Trichloroethane (ug/L)	GU-3	-0.1497	-28	-31	No	11	100	0.02	NP
1,1,1-Trichloroethane (ug/L)	GU-4	-0.1932	-20	-23	No	9	100	0.02	NP
1,1,1-Trichloroethane (ug/L)	GU-5	-0.1497	-28	-31	No	11	100	0.02	NP
1,1,1-Trichloroethane (ug/L)	MW-26 (bg)	-0.1608	-35	-35	No	12	100	0.02	NP
1,1,1-Trichloroethane (ug/L)	MW-67	-0.1608	-35	-35	No	12	100	0.02	NP
1,1,1-Trichloroethane (ug/L)	MW-B	-0.1608	-35	-35	No	12	100	0.02	NP
1,1,1-Trichloroethane (ug/L)	MW-C	-0.1608	-35	-35	No	12	100	0.02	NP
1,1,1-Trichloroethane (ug/L)	MW-E	0	-1	-13	No	6	100	0.02	NP
1,1,2,2-Tetrachloroethane (ug/L)	GU-18	-0.337	NaN	NaN	No	3	100	NaN	NP
1,1,2,2-Tetrachloroethane (ug/L)	GU-3	-0.09795	-28	-31	No	11	100	0.02	NP
1,1,2,2-Tetrachloroethane (ug/L)	GU-4	-0.1264	-20	-23	No	9	100	0.02	NP
1,1,2,2-Tetrachloroethane (ug/L)	GU-5	-0.09795	-28	-31	No	11	100	0.02	NP
1,1,2,2-Tetrachloroethane (ug/L)	MW-26 (bg)	-0.1052	-35	-35	No	12	100	0.02	NP
1,1,2,2-Tetrachloroethane (ug/L)	MW-67	-0.1052	-35	-35	No	12	100	0.02	NP
1,1,2,2-Tetrachloroethane (ug/L)	MW-B	-0.1052	-35	-35	No	12	100	0.02	NP
1,1,2,2-Tetrachloroethane (ug/L)	MW-C	-0.1052	-35	-35	No	12	100	0.02	NP
1,1,2,2-Tetrachloroethane (ug/L)	MW-E	0	-1	-13	No	6	100	0.02	NP
1,1-Dichloroethane (ug/L)	GU-18	-0.496	NaN	NaN	No	3	100	NaN	NP
1,1-Dichloroethane (ug/L)	GU-3	-0.1442	-28	-31	No	11	100	0.02	NP
1,1-Dichloroethane (ug/L)	GU-4	-0.1861	-20	-23	No	9	100	0.02	NP
1,1-Dichloroethane (ug/L)	GU-5	-0.1442	-28	-31	No	11	100	0.02	NP
1,1-Dichloroethane (ug/L)	MW-26 (bg)	-0.1548	-35	-35	No	12	100	0.02	NP
1,1-Dichloroethane (ug/L)	MW-67	-0.1548	-35	-35	No	12	100	0.02	NP
1,1-Dichloroethane (ug/L)	MW-B	-0.1548	-35	-35	No	12	100	0.02	NP
1,1-Dichloroethane (ug/L)	MW-C	-0.1548	-35	-35	No	12	100	0.02	NP
1,1-Dichloroethane (ug/L)	MW-E	0	-1	-13	No	6	100	0.02	NP
1,1-Dichloroethene (ug/L)	GU-18	-0.9157	NaN	NaN	No	3	100	NaN	NP
1,1-Dichloroethene (ug/L)	GU-3	-0.2661	-28	-31	No	11	100	0.02	NP
1,1-Dichloroethene (ug/L)	GU-4	-0.3435	-20	-23	No	9	100	0.02	NP
1,1-Dichloroethene (ug/L)	GU-5	-0.2661	-28	-31	No	11	100	0.02	NP
1,1-Dichloroethene (ug/L)	MW-26 (bg)	-0.2858	-35	-35	No	12	100	0.02	NP
1,1-Dichloroethene (ug/L)	MW-67	-0.2858	-35	-35	No	12	100	0.02	NP
1,1-Dichloroethene (ug/L)	MW-B	-0.2858	-35	-35	No	12	100	0.02	NP
1,1-Dichloroethene (ug/L)	MW-C	-0.2858	-35	-35	No	12	100	0.02	NP
1,1-Dichloroethene (ug/L)	MW-E	0	-1	-13	No	6	100	0.02	NP
1,2,3-Trichloropropane (ug/L)	GU-18	-0.2607	NaN	NaN	No	3	100	NaN	NP
1,2,3-Trichloropropane (ug/L)	GU-3	-0.07577	-28	-31	No	11	100	0.02	NP
1,2,3-Trichloropropane (ug/L)	GU-4	-0.09781	-20	-23	No	9	100	0.02	NP
1,2,3-Trichloropropane (ug/L)	GU-5	-0.07577	-28	-31	No	11	100	0.02	NP
1,2,3-Trichloropropane (ug/L)	MW-26 (bg)	-0.08138	-35	-35	No	12	100	0.02	NP

Trend Test

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE PII PRIME flat Printed 12/3/2024, 5:21 PM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Alpha	Method
1,2,3-Trichloropropane (ug/L)	MW-67	-0.08138	-35	-35	No	12	100	0.02	NP
1,2,3-Trichloropropane (ug/L)	MW-B	-0.08138	-35	-35	No	12	100	0.02	NP
1,2,3-Trichloropropane (ug/L)	MW-C	-0.08138	-35	-35	No	12	100	0.02	NP
1,2,3-Trichloropropane (ug/L)	MW-E	0	-1	-13	No	6	100	0.02	NP
1,2-Dibromo-3-chloropropane (ug/L)	GU-18	0	NaN	NaN	No	3	100	NaN	NP
1,2-Dibromo-3-chloropropane (ug/L)	GU-3	0	0	31	No	11	100	0.02	NP
1,2-Dibromo-3-chloropropane (ug/L)	GU-4	0	-2	-23	No	9	100	0.02	NP
1,2-Dibromo-3-chloropropane (ug/L)	GU-5	0	0	31	No	11	100	0.02	NP
1,2-Dibromo-3-chloropropane (ug/L)	MW-26 (bg)	0	0	35	No	12	100	0.02	NP
1,2-Dibromo-3-chloropropane (ug/L)	MW-67	0	0	35	No	12	100	0.02	NP
1,2-Dibromo-3-chloropropane (ug/L)	MW-B	0	0	35	No	12	100	0.02	NP
1,2-Dibromo-3-chloropropane (ug/L)	MW-C	0	0	35	No	12	100	0.02	NP
1,2-Dibromo-3-chloropropane (ug/L)	MW-E	0	0	13	No	6	100	0.02	NP
1,2-Dibromoethane [EDB] (ug/L)	GU-18	0	NaN	NaN	No	3	100	NaN	NP
1,2-Dibromoethane [EDB] (ug/L)	GU-3	0	0	31	No	11	100	0.02	NP
1,2-Dibromoethane [EDB] (ug/L)	GU-4	0	-2	-23	No	9	100	0.02	NP
1,2-Dibromoethane [EDB] (ug/L)	GU-5	0	0	31	No	11	100	0.02	NP
1,2-Dibromoethane [EDB] (ug/L)	MW-26 (bg)	0	0	35	No	12	100	0.02	NP
1,2-Dibromoethane [EDB] (ug/L)	MW-67	0	0	35	No	12	100	0.02	NP
1,2-Dibromoethane [EDB] (ug/L)	MW-B	0	0	35	No	12	100	0.02	NP
1,2-Dibromoethane [EDB] (ug/L)	MW-C	0	0	35	No	12	100	0.02	NP
1,2-Dibromoethane [EDB] (ug/L)	MW-E	0	0	13	No	6	100	0.02	NP
1,2-Dichlorobenzene (ug/L)	GU-18	-0.4006	NaN	NaN	No	3	100	NaN	NP
1,2-Dichlorobenzene (ug/L)	GU-3	-0.1164	-28	-31	No	11	100	0.02	NP
1,2-Dichlorobenzene (ug/L)	GU-4	-0.1503	-20	-23	No	9	100	0.02	NP
1,2-Dichlorobenzene (ug/L)	GU-5	-0.1164	-28	-31	No	11	100	0.02	NP
1,2-Dichlorobenzene (ug/L)	MW-26 (bg)	-0.1251	-35	-35	No	12	100	0.02	NP
1,2-Dichlorobenzene (ug/L)	MW-67	-0.1251	-35	-35	No	12	100	0.02	NP
1,2-Dichlorobenzene (ug/L)	MW-B	-0.1251	-35	-35	No	12	100	0.02	NP
1,2-Dichlorobenzene (ug/L)	MW-C	-0.1251	-35	-35	No	12	100	0.02	NP
1,2-Dichlorobenzene (ug/L)	MW-E	0	-1	-13	No	6	100	0.02	NP
1,2-Dichloroethane (ug/L)	GU-18	-0.3879	NaN	NaN	No	3	100	NaN	NP
1,2-Dichloroethane (ug/L)	GU-3	-0.06524	-22	-31	No	11	90.91	0.02	NP
1,2-Dichloroethane (ug/L)	GU-4	-0.1455	-20	-23	No	9	100	0.02	NP
1,2-Dichloroethane (ug/L)	GU-5	-0.1127	-28	-31	No	11	100	0.02	NP
1,2-Dichloroethane (ug/L)	MW-26 (bg)	-0.1211	-35	-35	No	12	100	0.02	NP
1,2-Dichloroethane (ug/L)	MW-67	-0.1211	-35	-35	No	12	100	0.02	NP
1,2-Dichloroethane (ug/L)	MW-B	-0.1211	-35	-35	No	12	100	0.02	NP
1,2-Dichloroethane (ug/L)	MW-C	-0.1211	-35	-35	No	12	100	0.02	NP
1,2-Dichloroethane (ug/L)	MW-E	0	-1	-13	No	6	100	0.02	NP
1,2-Dichloropropane (ug/L)	GU-18	-0.4642	NaN	NaN	No	3	100	NaN	NP
1,2-Dichloropropane (ug/L)	GU-3	-0.1349	-28	-31	No	11	100	0.02	NP
1,2-Dichloropropane (ug/L)	GU-4	-0.1742	-20	-23	No	9	100	0.02	NP
1,2-Dichloropropane (ug/L)	GU-5	-0.1349	-28	-31	No	11	100	0.02	NP
1,2-Dichloropropane (ug/L)	MW-26 (bg)	-0.1449	-35	-35	No	12	100	0.02	NP
1,2-Dichloropropane (ug/L)	MW-67	-0.1449	-35	-35	No	12	100	0.02	NP
1,2-Dichloropropane (ug/L)	MW-B	-0.1449	-35	-35	No	12	100	0.02	NP
1,2-Dichloropropane (ug/L)	MW-C	-0.1449	-35	-35	No	12	100	0.02	NP
1,2-Dichloropropane (ug/L)	MW-E	0	-1	-13	No	6	100	0.02	NP
1,4-Dichlorobenzene (ug/L)	GU-18	-0.4896	NaN	NaN	No	3	100	NaN	NP

Trend Test

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE PII PRIME flat Printed 12/3/2024, 5:21 PM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Alpha	Method
1,4-Dichlorobenzene (ug/L)	GU-3	-0.1423	-28	-31	No	11	100	0.02	NP
1,4-Dichlorobenzene (ug/L)	GU-4	-0.1837	-20	-23	No	9	100	0.02	NP
1,4-Dichlorobenzene (ug/L)	GU-5	-0.1423	-28	-31	No	11	100	0.02	NP
1,4-Dichlorobenzene (ug/L)	MW-26 (bg)	-0.1528	-35	-35	No	12	100	0.02	NP
1,4-Dichlorobenzene (ug/L)	MW-67	-0.1528	-35	-35	No	12	100	0.02	NP
1,4-Dichlorobenzene (ug/L)	MW-B	-0.1528	-35	-35	No	12	100	0.02	NP
1,4-Dichlorobenzene (ug/L)	MW-C	-0.1528	-35	-35	No	12	100	0.02	NP
1,4-Dichlorobenzene (ug/L)	MW-E	0	-1	-13	No	6	100	0.02	NP
2-Butanone [MEK] (ug/L)	GU-18	-5.024	NaN	NaN	No	3	100	NaN	NP
2-Butanone [MEK] (ug/L)	GU-3	0	-13	-20	No	8	87.5	0.02	NP
2-Butanone [MEK] (ug/L)	GU-4	0	-5	-13	No	6	100	0.02	NP
2-Butanone [MEK] (ug/L)	GU-5	0	-7	-20	No	8	100	0.02	NP
2-Butanone [MEK] (ug/L)	MW-26 (bg)	0	-14	-23	No	9	100	0.02	NP
2-Butanone [MEK] (ug/L)	MW-67	0	-14	-23	No	9	100	0.02	NP
2-Butanone [MEK] (ug/L)	MW-B	0	-14	-23	No	9	100	0.02	NP
2-Butanone [MEK] (ug/L)	MW-C	0	-14	-23	No	9	100	0.02	NP
2-Hexanone (ug/L)	GU-18	-5.087	NaN	NaN	No	3	100	NaN	NP
2-Hexanone (ug/L)	GU-3	-1.478	-28	-31	No	11	100	0.02	NP
2-Hexanone (ug/L)	GU-4	-1.909	-20	-23	No	9	100	0.02	NP
2-Hexanone (ug/L)	GU-5	-1.478	-28	-31	No	11	100	0.02	NP
2-Hexanone (ug/L)	MW-26 (bg)	-1.588	-35	-35	No	12	100	0.02	NP
2-Hexanone (ug/L)	MW-67	-1.588	-35	-35	No	12	100	0.02	NP
2-Hexanone (ug/L)	MW-B	-1.588	-35	-35	No	12	100	0.02	NP
2-Hexanone (ug/L)	MW-C	-1.588	-35	-35	No	12	100	0.02	NP
2-Hexanone (ug/L)	MW-E	0	-1	-13	No	6	100	0.02	NP
4-Methyl-2-pentanone [MIBK] (ug/L)	GU-3	0	0	10	No	5	100	0.02	NP
4-Methyl-2-pentanone [MIBK] (ug/L)	GU-4	0	NaN	NaN	No	3	100	NaN	NP
4-Methyl-2-pentanone [MIBK] (ug/L)	GU-5	0	0	10	No	5	100	0.02	NP
4-Methyl-2-pentanone [MIBK] (ug/L)	MW-26 (bg)	0	0	10	No	5	100	0.02	NP
4-Methyl-2-pentanone [MIBK] (ug/L)	MW-67	0	0	10	No	5	100	0.02	NP
4-Methyl-2-pentanone [MIBK] (ug/L)	MW-B	0	0	10	No	5	100	0.02	NP
4-Methyl-2-pentanone [MIBK] (ug/L)	MW-C	0	0	10	No	5	100	0.02	NP
Acetone (ug/L)	GU-18	-4.388	NaN	NaN	No	3	100	NaN	NP
Acetone (ug/L)	GU-3	-1.431	-35	-31	Yes	11	72.73	0.02	NP
Acetone (ug/L)	GU-4	-1.646	-20	-23	No	9	100	0.02	NP
Acetone (ug/L)	GU-5	-0.3791	-29	-31	No	11	81.82	0.02	NP
Acetone (ug/L)	MW-26 (bg)	-1.37	-35	-35	No	12	100	0.02	NP
Acetone (ug/L)	MW-67	-1.37	-35	-35	No	12	100	0.02	NP
Acetone (ug/L)	MW-B	0	-25	-35	No	12	91.67	0.02	NP
Acetone (ug/L)	MW-C	-1.37	-35	-35	No	12	100	0.02	NP
Acetone (ug/L)	MW-E	0	-1	-13	No	6	100	0.02	NP
Acrylonitrile (ug/L)	GU-18	-4.96	NaN	NaN	No	3	100	NaN	NP
Acrylonitrile (ug/L)	GU-3	-1.564	-32	-31	Yes	11	100	0.02	NP
Acrylonitrile (ug/L)	GU-4	-1.834	-22	-23	No	9	100	0.02	NP
Acrylonitrile (ug/L)	GU-5	-1.564	-32	-31	Yes	11	100	0.02	NP
Acrylonitrile (ug/L)	MW-26 (bg)	-1.548	-35	-35	No	12	100	0.02	NP
Acrylonitrile (ug/L)	MW-67	-1.548	-35	-35	No	12	100	0.02	NP
Acrylonitrile (ug/L)	MW-B	-1.548	-35	-35	No	12	100	0.02	NP
Acrylonitrile (ug/L)	MW-C	-1.548	-35	-35	No	12	100	0.02	NP
Acrylonitrile (ug/L)	MW-E	0	-1	-13	No	6	100	0.02	NP

Trend Test

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE PII PRIME flat Printed 12/3/2024, 5:21 PM

<u>Constituent</u>	<u>Well</u>	<u>Slope</u>	<u>Calc.</u>	<u>Critical</u>	<u>Sig.</u>	<u>N</u>	<u>%NDs</u>	<u>Alpha</u>	<u>Method</u>
Benzene (ug/L)	GU-18	-0.178	NaN	NaN	No	3	100	NaN	NP
Benzene (ug/L)	GU-3	-0.07379	-34	-31	Yes	11	90.91	0.02	NP
Benzene (ug/L)	GU-4	-0.0668	-20	-23	No	9	100	0.02	NP
Benzene (ug/L)	GU-5	-0.05175	-28	-31	No	11	100	0.02	NP
Benzene (ug/L)	MW-26 (bg)	-0.05558	-35	-35	No	12	100	0.02	NP
Benzene (ug/L)	MW-67	-0.05558	-35	-35	No	12	100	0.02	NP
Benzene (ug/L)	MW-B	-0.05558	-35	-35	No	12	100	0.02	NP
Benzene (ug/L)	MW-C	-0.05558	-35	-35	No	12	100	0.02	NP
Benzene (ug/L)	MW-E	0	-1	-13	No	6	100	0.02	NP
Bromochloromethane (ug/L)	GU-18	-2.836	NaN	NaN	No	3	100	NaN	NP
Bromochloromethane (ug/L)	GU-3	-0.8243	-28	-31	No	11	100	0.02	NP
Bromochloromethane (ug/L)	GU-4	-1.064	-20	-23	No	9	100	0.02	NP
Bromochloromethane (ug/L)	GU-5	-0.8243	-28	-31	No	11	100	0.02	NP
Bromochloromethane (ug/L)	MW-26 (bg)	-0.8853	-35	-35	No	12	100	0.02	NP
Bromochloromethane (ug/L)	MW-67	-0.8853	-35	-35	No	12	100	0.02	NP
Bromochloromethane (ug/L)	MW-B	-0.8853	-35	-35	No	12	100	0.02	NP
Bromochloromethane (ug/L)	MW-C	-0.8853	-35	-35	No	12	100	0.02	NP
Bromochloromethane (ug/L)	MW-E	0	-1	-13	No	6	100	0.02	NP
Bromodichloromethane (ug/L)	GU-18	-0.3879	NaN	NaN	No	3	100	NaN	NP
Bromodichloromethane (ug/L)	GU-3	-0.1127	-28	-31	No	11	100	0.02	NP
Bromodichloromethane (ug/L)	GU-4	-0.1455	-20	-23	No	9	100	0.02	NP
Bromodichloromethane (ug/L)	GU-5	-0.1127	-28	-31	No	11	100	0.02	NP
Bromodichloromethane (ug/L)	MW-26 (bg)	-0.1211	-35	-35	No	12	100	0.02	NP
Bromodichloromethane (ug/L)	MW-67	-0.1211	-35	-35	No	12	100	0.02	NP
Bromodichloromethane (ug/L)	MW-B	-0.1211	-35	-35	No	12	100	0.02	NP
Bromodichloromethane (ug/L)	MW-C	-0.1211	-35	-35	No	12	100	0.02	NP
Bromodichloromethane (ug/L)	MW-E	0	-1	-13	No	6	100	0.02	NP
Bromoform (ug/L)	GU-18	-2.683	NaN	NaN	No	3	100	NaN	NP
Bromoform (ug/L)	GU-3	-0.7799	-28	-31	No	11	100	0.02	NP
Bromoform (ug/L)	GU-4	-1.007	-20	-23	No	9	100	0.02	NP
Bromoform (ug/L)	GU-5	-0.7799	-28	-31	No	11	100	0.02	NP
Bromoform (ug/L)	MW-26 (bg)	-0.8377	-35	-35	No	12	100	0.02	NP
Bromoform (ug/L)	MW-67	-0.8377	-35	-35	No	12	100	0.02	NP
Bromoform (ug/L)	MW-B	-0.8377	-35	-35	No	12	100	0.02	NP
Bromoform (ug/L)	MW-C	-0.8377	-35	-35	No	12	100	0.02	NP
Bromoform (ug/L)	MW-E	0	-1	-13	No	6	100	0.02	NP
Bromomethane (ug/L)	GU-18	-1.844	NaN	NaN	No	3	100	NaN	NP
Bromomethane (ug/L)	GU-3	-0.5359	-28	-31	No	11	100	0.02	NP
Bromomethane (ug/L)	GU-4	-0.6919	-20	-23	No	9	100	0.02	NP
Bromomethane (ug/L)	GU-5	-0.5359	-28	-31	No	11	100	0.02	NP
Bromomethane (ug/L)	MW-26 (bg)	-0.5756	-35	-35	No	12	100	0.02	NP
Bromomethane (ug/L)	MW-67	-0.5756	-35	-35	No	12	100	0.02	NP
Bromomethane (ug/L)	MW-B	-0.5756	-35	-35	No	12	100	0.02	NP
Bromomethane (ug/L)	MW-C	-0.5756	-35	-35	No	12	100	0.02	NP
Bromomethane (ug/L)	MW-E	0	-1	-13	No	6	100	0.02	NP
Carbon disulfide (ug/L)	GU-18	-0.3497	NaN	NaN	No	3	100	NaN	NP
Carbon disulfide (ug/L)	GU-3	-0.1016	-28	-31	No	11	100	0.02	NP
Carbon disulfide (ug/L)	GU-4	-0.1033	-18	-23	No	9	88.89	0.02	NP
Carbon disulfide (ug/L)	GU-5	-0.1016	-28	-31	No	11	100	0.02	NP
Carbon disulfide (ug/L)	MW-26 (bg)	-0.1092	-35	-35	No	12	100	0.02	NP

Trend Test

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE PII PRIME flat Printed 12/3/2024, 5:21 PM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Alpha	Method
Carbon disulfide (ug/L)	MW-67	-0.1092	-35	-35	No	12	100	0.02	NP
Carbon disulfide (ug/L)	MW-B	-0.1092	-35	-35	No	12	100	0.02	NP
Carbon disulfide (ug/L)	MW-C	-0.1016	-28	-31	No	11	100	0.02	NP
Carbon disulfide (ug/L)	MW-E	0	-1	-13	No	6	100	0.02	NP
Carbon Tetrachloride (ug/L)	GU-18	-0.8584	NaN	NaN	No	3	100	NaN	NP
Carbon Tetrachloride (ug/L)	GU-3	-0.2495	-28	-31	No	11	100	0.02	NP
Carbon Tetrachloride (ug/L)	GU-4	-0.3221	-20	-23	No	9	100	0.02	NP
Carbon Tetrachloride (ug/L)	GU-5	-0.2495	-28	-31	No	11	100	0.02	NP
Carbon Tetrachloride (ug/L)	MW-26 (bg)	-0.268	-35	-35	No	12	100	0.02	NP
Carbon Tetrachloride (ug/L)	MW-67	-0.268	-35	-35	No	12	100	0.02	NP
Carbon Tetrachloride (ug/L)	MW-B	-0.268	-35	-35	No	12	100	0.02	NP
Carbon Tetrachloride (ug/L)	MW-C	-0.268	-35	-35	No	12	100	0.02	NP
Carbon Tetrachloride (ug/L)	MW-E	0	-1	-13	No	6	100	0.02	NP
Chlorobenzene (ug/L)	GU-18	-0.3815	NaN	NaN	No	3	100	NaN	NP
Chlorobenzene (ug/L)	GU-3	-0.1109	-28	-31	No	11	100	0.02	NP
Chlorobenzene (ug/L)	GU-4	-0.1431	-20	-23	No	9	100	0.02	NP
Chlorobenzene (ug/L)	GU-5	-0.1109	-28	-31	No	11	100	0.02	NP
Chlorobenzene (ug/L)	MW-26 (bg)	-0.1191	-35	-35	No	12	100	0.02	NP
Chlorobenzene (ug/L)	MW-67	-0.1191	-35	-35	No	12	100	0.02	NP
Chlorobenzene (ug/L)	MW-B	-0.1191	-35	-35	No	12	100	0.02	NP
Chlorobenzene (ug/L)	MW-C	-0.1191	-35	-35	No	12	100	0.02	NP
Chlorobenzene (ug/L)	MW-E	0	-1	-13	No	6	100	0.02	NP
Chloroethane (ug/L)	GU-18	-2.041	NaN	NaN	No	3	100	NaN	NP
Chloroethane (ug/L)	GU-3	-0.5932	-28	-31	No	11	100	0.02	NP
Chloroethane (ug/L)	GU-4	-0.7658	-20	-23	No	9	100	0.02	NP
Chloroethane (ug/L)	GU-5	-0.5932	-28	-31	No	11	100	0.02	NP
Chloroethane (ug/L)	MW-26 (bg)	-0.6372	-35	-35	No	12	100	0.02	NP
Chloroethane (ug/L)	MW-67	-0.6372	-35	-35	No	12	100	0.02	NP
Chloroethane (ug/L)	MW-B	-0.6372	-35	-35	No	12	100	0.02	NP
Chloroethane (ug/L)	MW-C	-0.6372	-35	-35	No	12	100	0.02	NP
Chloroethane (ug/L)	MW-E	0	-1	-13	No	6	100	0.02	NP
Chloroform (ug/L)	GU-18	-1.081	NaN	NaN	No	3	100	NaN	NP
Chloroform (ug/L)	GU-3	-0.3142	-28	-31	No	11	100	0.02	NP
Chloroform (ug/L)	GU-4	-0.4056	-20	-23	No	9	100	0.02	NP
Chloroform (ug/L)	GU-5	-0.3142	-28	-31	No	11	100	0.02	NP
Chloroform (ug/L)	MW-26 (bg)	-0.3374	-35	-35	No	12	100	0.02	NP
Chloroform (ug/L)	MW-67	-0.3374	-35	-35	No	12	100	0.02	NP
Chloroform (ug/L)	MW-B	-0.3374	-35	-35	No	12	100	0.02	NP
Chloroform (ug/L)	MW-C	-0.3374	-35	-35	No	12	100	0.02	NP
Chloroform (ug/L)	MW-E	0	-1	-13	No	6	100	0.02	NP
Chloromethane (ug/L)	GU-18	-1.52	NaN	NaN	No	3	100	NaN	NP
Chloromethane (ug/L)	GU-3	-0.4417	-28	-31	No	11	100	0.02	NP
Chloromethane (ug/L)	GU-4	-0.5702	-20	-23	No	9	100	0.02	NP
Chloromethane (ug/L)	GU-5	-0.4417	-28	-31	No	11	100	0.02	NP
Chloromethane (ug/L)	MW-26 (bg)	-0.4744	-35	-35	No	12	100	0.02	NP
Chloromethane (ug/L)	MW-67	-0.4744	-35	-35	No	12	100	0.02	NP
Chloromethane (ug/L)	MW-B	-0.4744	-35	-35	No	12	100	0.02	NP
Chloromethane (ug/L)	MW-C	-0.4744	-35	-35	No	12	100	0.02	NP
Chloromethane (ug/L)	MW-E	0	-1	-13	No	6	100	0.02	NP
cis-1,2-Dichloroethene (ug/L)	GU-18	-0.5024	NaN	NaN	No	3	100	NaN	NP

Trend Test

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE PII PRIME flat Printed 12/3/2024, 5:21 PM

<u>Constituent</u>	<u>Well</u>	<u>Slope</u>	<u>Calc.</u>	<u>Critical</u>	<u>Sig.</u>	<u>N</u>	<u>%NDs</u>	<u>Alpha</u>	<u>Method</u>
cis-1,2-Dichloroethene (ug/L)	GU-3	-0.05969	-22	-31	No	11	90.91	0.02	NP
cis-1,2-Dichloroethene (ug/L)	GU-4	-0.1885	-23	-23	No	9	88.89	0.02	NP
cis-1,2-Dichloroethene (ug/L)	GU-5	-0.146	-28	-31	No	11	100	0.02	NP
cis-1,2-Dichloroethene (ug/L)	MW-26 (bg)	-0.1568	-35	-35	No	12	100	0.02	NP
cis-1,2-Dichloroethene (ug/L)	MW-67	-0.1568	-35	-35	No	12	100	0.02	NP
cis-1,2-Dichloroethene (ug/L)	MW-B	-0.1506	-33	-35	No	12	91.67	0.02	NP
cis-1,2-Dichloroethene (ug/L)	MW-C	-0.1533	-33	-35	No	12	91.67	0.02	NP
cis-1,2-Dichloroethene (ug/L)	MW-E	0	-1	-13	No	6	100	0.02	NP
cis-1,3-Dichloropropene (ug/L)	GU-18	-3.02	NaN	NaN	No	3	100	NaN	NP
cis-1,3-Dichloropropene (ug/L)	GU-3	-0.8778	-28	-31	No	11	100	0.02	NP
cis-1,3-Dichloropropene (ug/L)	GU-4	-1.133	-20	-23	No	9	100	0.02	NP
cis-1,3-Dichloropropene (ug/L)	GU-5	-0.8778	-28	-31	No	11	100	0.02	NP
cis-1,3-Dichloropropene (ug/L)	MW-26 (bg)	-0.9429	-35	-35	No	12	100	0.02	NP
cis-1,3-Dichloropropene (ug/L)	MW-67	-0.9429	-35	-35	No	12	100	0.02	NP
cis-1,3-Dichloropropene (ug/L)	MW-B	-0.9429	-35	-35	No	12	100	0.02	NP
cis-1,3-Dichloropropene (ug/L)	MW-C	-0.9429	-35	-35	No	12	100	0.02	NP
cis-1,3-Dichloropropene (ug/L)	MW-E	0	-1	-13	No	6	100	0.02	NP
Dibromochloromethane (ug/L)	GU-18	-2.703	NaN	NaN	No	3	100	NaN	NP
Dibromochloromethane (ug/L)	GU-3	0	-7	-20	No	8	100	0.02	NP
Dibromochloromethane (ug/L)	GU-4	0	-5	-13	No	6	100	0.02	NP
Dibromochloromethane (ug/L)	GU-5	0	-7	-20	No	8	100	0.02	NP
Dibromochloromethane (ug/L)	MW-26 (bg)	0	-14	-23	No	9	100	0.02	NP
Dibromochloromethane (ug/L)	MW-67	0	-14	-23	No	9	100	0.02	NP
Dibromochloromethane (ug/L)	MW-B	0	-14	-23	No	9	100	0.02	NP
Dibromochloromethane (ug/L)	MW-C	0	-14	-23	No	9	100	0.02	NP
Dichloromethane (ug/L)	GU-18	-2.098	NaN	NaN	No	3	100	NaN	NP
Dichloromethane (ug/L)	GU-3	0	-7	-20	No	8	100	0.02	NP
Dichloromethane (ug/L)	GU-4	0	-5	-13	No	6	100	0.02	NP
Dichloromethane (ug/L)	GU-5	0	-7	-20	No	8	100	0.02	NP
Dichloromethane (ug/L)	MW-26 (bg)	0	-14	-23	No	9	100	0.02	NP
Dichloromethane (ug/L)	MW-67	0	-14	-23	No	9	100	0.02	NP
Dichloromethane (ug/L)	MW-B	0	-14	-23	No	9	100	0.02	NP
Dichloromethane (ug/L)	MW-C	0	-14	-23	No	9	100	0.02	NP
Ethylbenzene (ug/L)	GU-18	-0.4388	NaN	NaN	No	3	100	NaN	NP
Ethylbenzene (ug/L)	GU-3	-0.007762	-22	-31	No	11	90.91	0.02	NP
Ethylbenzene (ug/L)	GU-4	-0.1646	-20	-23	No	9	100	0.02	NP
Ethylbenzene (ug/L)	GU-5	-0.1275	-28	-31	No	11	100	0.02	NP
Ethylbenzene (ug/L)	MW-26 (bg)	-0.137	-35	-35	No	12	100	0.02	NP
Ethylbenzene (ug/L)	MW-67	-0.137	-35	-35	No	12	100	0.02	NP
Ethylbenzene (ug/L)	MW-B	-0.137	-35	-35	No	12	100	0.02	NP
Ethylbenzene (ug/L)	MW-C	-0.137	-35	-35	No	12	100	0.02	NP
Ethylbenzene (ug/L)	MW-E	0	-1	-13	No	6	100	0.02	NP
Iodomethane (ug/L)	GU-18	-1.908	NaN	NaN	No	3	100	NaN	NP
Iodomethane (ug/L)	GU-3	-0.5544	-28	-31	No	11	100	0.02	NP
Iodomethane (ug/L)	GU-4	-0.7157	-20	-23	No	9	100	0.02	NP
Iodomethane (ug/L)	GU-5	-0.5544	-28	-31	No	11	100	0.02	NP
Iodomethane (ug/L)	MW-26 (bg)	-0.5955	-35	-35	No	12	100	0.02	NP
Iodomethane (ug/L)	MW-67	-0.5955	-35	-35	No	12	100	0.02	NP
Iodomethane (ug/L)	MW-B	-0.5955	-35	-35	No	12	100	0.02	NP
Iodomethane (ug/L)	MW-C	-0.5955	-35	-35	No	12	100	0.02	NP

Trend Test

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE PII PRIME flat Printed 12/3/2024, 5:21 PM

<u>Constituent</u>	<u>Well</u>	<u>Slope</u>	<u>Calc.</u>	<u>Critical</u>	<u>Sig.</u>	<u>N</u>	<u>%NDs</u>	<u>Alpha</u>	<u>Method</u>
Iodomethane (ug/L)	MW-E	0	-1	-13	No	6	100	0.02	NP
Methylene Bromide (ug/L)	GU-18	-0.426	NaN	NaN	No	3	100	NaN	NP
Methylene Bromide (ug/L)	GU-3	-0.1238	-28	-31	No	11	100	0.02	NP
Methylene Bromide (ug/L)	GU-4	-0.1598	-20	-23	No	9	100	0.02	NP
Methylene Bromide (ug/L)	GU-5	-0.1238	-28	-31	No	11	100	0.02	NP
Methylene Bromide (ug/L)	MW-26 (bg)	-0.133	-35	-35	No	12	100	0.02	NP
Methylene Bromide (ug/L)	MW-67	-0.133	-35	-35	No	12	100	0.02	NP
Methylene Bromide (ug/L)	MW-B	-0.133	-35	-35	No	12	100	0.02	NP
Methylene Bromide (ug/L)	MW-C	-0.133	-35	-35	No	12	100	0.02	NP
Methylene Bromide (ug/L)	MW-E	0	-1	-13	No	6	100	0.02	NP
Styrene (ug/L)	GU-18	-0.4006	NaN	NaN	No	3	100	NaN	NP
Styrene (ug/L)	GU-3	-0.1164	-28	-31	No	11	100	0.02	NP
Styrene (ug/L)	GU-4	-0.1503	-20	-23	No	9	100	0.02	NP
Styrene (ug/L)	GU-5	-0.1164	-28	-31	No	11	100	0.02	NP
Styrene (ug/L)	MW-26 (bg)	-0.1251	-35	-35	No	12	100	0.02	NP
Styrene (ug/L)	MW-67	-0.1251	-35	-35	No	12	100	0.02	NP
Styrene (ug/L)	MW-B	-0.1251	-35	-35	No	12	100	0.02	NP
Styrene (ug/L)	MW-C	-0.1251	-35	-35	No	12	100	0.02	NP
Styrene (ug/L)	MW-E	0	-1	-13	No	6	100	0.02	NP
Tetrachloroethene (ug/L)	GU-18	-0.3307	NaN	NaN	No	3	100	NaN	NP
Tetrachloroethene (ug/L)	GU-3	-0.0961	-28	-31	No	11	100	0.02	NP
Tetrachloroethene (ug/L)	GU-4	-0.1241	-20	-23	No	9	100	0.02	NP
Tetrachloroethene (ug/L)	GU-5	-0.0961	-28	-31	No	11	100	0.02	NP
Tetrachloroethene (ug/L)	MW-26 (bg)	-0.1032	-35	-35	No	12	100	0.02	NP
Tetrachloroethene (ug/L)	MW-67	-0.1032	-35	-35	No	12	100	0.02	NP
Tetrachloroethene (ug/L)	MW-B	-0.1032	-35	-35	No	12	100	0.02	NP
Tetrachloroethene (ug/L)	MW-C	-0.1032	-35	-35	No	12	100	0.02	NP
Tetrachloroethene (ug/L)	MW-E	0	-1	-13	No	6	100	0.02	NP
Toluene (ug/L)	GU-18	-0.3625	NaN	NaN	No	3	100	NaN	NP
Toluene (ug/L)	GU-3	-0.1805	-43	-35	Yes	12	91.67	0.02	NP
Toluene (ug/L)	GU-4	-0.136	-20	-23	No	9	100	0.02	NP
Toluene (ug/L)	GU-5	-0.1053	-28	-31	No	11	100	0.02	NP
Toluene (ug/L)	MW-26 (bg)	-0.1131	-35	-35	No	12	100	0.02	NP
Toluene (ug/L)	MW-67	-0.1131	-35	-35	No	12	100	0.02	NP
Toluene (ug/L)	MW-B	-0.1131	-35	-35	No	12	100	0.02	NP
Toluene (ug/L)	MW-C	-0.1131	-35	-35	No	12	100	0.02	NP
Toluene (ug/L)	MW-E	0	-1	-13	No	6	100	0.02	NP
trans-1,2-Dichloroethene (ug/L)	GU-18	-0.4642	NaN	NaN	No	3	100	NaN	NP
trans-1,2-Dichloroethene (ug/L)	GU-3	-0.1349	-28	-31	No	11	100	0.02	NP
trans-1,2-Dichloroethene (ug/L)	GU-4	-0.1742	-20	-23	No	9	100	0.02	NP
trans-1,2-Dichloroethene (ug/L)	GU-5	-0.1349	-28	-31	No	11	100	0.02	NP
trans-1,2-Dichloroethene (ug/L)	MW-26 (bg)	-0.1449	-35	-35	No	12	100	0.02	NP
trans-1,2-Dichloroethene (ug/L)	MW-67	-0.1449	-35	-35	No	12	100	0.02	NP
trans-1,2-Dichloroethene (ug/L)	MW-B	-0.1449	-35	-35	No	12	100	0.02	NP
trans-1,2-Dichloroethene (ug/L)	MW-C	-0.1449	-35	-35	No	12	100	0.02	NP
trans-1,2-Dichloroethene (ug/L)	MW-E	0	-1	-13	No	6	100	0.02	NP
trans-1,3-Dichloropropene (ug/L)	GU-18	-2.823	NaN	NaN	No	3	100	NaN	NP
trans-1,3-Dichloropropene (ug/L)	GU-3	-0.8206	-28	-31	No	11	100	0.02	NP
trans-1,3-Dichloropropene (ug/L)	GU-4	-1.059	-20	-23	No	9	100	0.02	NP
trans-1,3-Dichloropropene (ug/L)	GU-5	-0.8206	-28	-31	No	11	100	0.02	NP

Trend Test

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE PII PRIME flat Printed 12/3/2024, 5:21 PM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Alpha	Method
trans-1,3-Dichloropropene (ug/L)	MW-26 (bg)	-0.8813	-35	-35	No	12	100	0.02	NP
trans-1,3-Dichloropropene (ug/L)	MW-67	-0.8813	-35	-35	No	12	100	0.02	NP
trans-1,3-Dichloropropene (ug/L)	MW-B	-0.8813	-35	-35	No	12	100	0.02	NP
trans-1,3-Dichloropropene (ug/L)	MW-C	-0.8813	-35	-35	No	12	100	0.02	NP
trans-1,3-Dichloropropene (ug/L)	MW-E	0	-1	-13	No	6	100	0.02	NP
trans-1,4-Dichloro-2-butene (ug/L)	GU-18	-5.659	NaN	NaN	No	3	100	NaN	NP
trans-1,4-Dichloro-2-butene (ug/L)	GU-3	-1.645	-28	-31	No	11	100	0.02	NP
trans-1,4-Dichloro-2-butene (ug/L)	GU-4	-2.123	-20	-23	No	9	100	0.02	NP
trans-1,4-Dichloro-2-butene (ug/L)	GU-5	-1.645	-28	-31	No	11	100	0.02	NP
trans-1,4-Dichloro-2-butene (ug/L)	MW-26 (bg)	-1.767	-35	-35	No	12	100	0.02	NP
trans-1,4-Dichloro-2-butene (ug/L)	MW-67	-1.767	-35	-35	No	12	100	0.02	NP
trans-1,4-Dichloro-2-butene (ug/L)	MW-B	-1.767	-35	-35	No	12	100	0.02	NP
trans-1,4-Dichloro-2-butene (ug/L)	MW-C	-1.767	-35	-35	No	12	100	0.02	NP
trans-1,4-Dichloro-2-butene (ug/L)	MW-E	0	-1	-13	No	6	100	0.02	NP
Trichloroethene (ug/L)	GU-18	-0.3625	NaN	NaN	No	3	100	NaN	NP
Trichloroethene (ug/L)	GU-3	-0.1053	-28	-31	No	11	100	0.02	NP
Trichloroethene (ug/L)	GU-4	-0.136	-20	-23	No	9	100	0.02	NP
Trichloroethene (ug/L)	GU-5	-0.1053	-28	-31	No	11	100	0.02	NP
Trichloroethene (ug/L)	MW-26 (bg)	-0.1131	-35	-35	No	12	100	0.02	NP
Trichloroethene (ug/L)	MW-67	-0.1131	-35	-35	No	12	100	0.02	NP
Trichloroethene (ug/L)	MW-B	-0.1131	-35	-35	No	12	100	0.02	NP
Trichloroethene (ug/L)	MW-C	-0.1131	-35	-35	No	12	100	0.02	NP
Trichloroethene (ug/L)	MW-E	0	-1	-13	No	6	100	0.02	NP
Trichlorofluoromethane (ug/L)	GU-18	-2.302	NaN	NaN	No	3	100	NaN	NP
Trichlorofluoromethane (ug/L)	GU-3	-0.669	-28	-31	No	11	100	0.02	NP
Trichlorofluoromethane (ug/L)	GU-4	-0.8636	-20	-23	No	9	100	0.02	NP
Trichlorofluoromethane (ug/L)	GU-5	-0.669	-28	-31	No	11	100	0.02	NP
Trichlorofluoromethane (ug/L)	MW-26 (bg)	-0.7186	-35	-35	No	12	100	0.02	NP
Trichlorofluoromethane (ug/L)	MW-67	-0.7186	-35	-35	No	12	100	0.02	NP
Trichlorofluoromethane (ug/L)	MW-B	-0.7186	-35	-35	No	12	100	0.02	NP
Trichlorofluoromethane (ug/L)	MW-C	-0.7186	-35	-35	No	12	100	0.02	NP
Trichlorofluoromethane (ug/L)	MW-E	0	-1	-13	No	6	100	0.02	NP
Vinyl acetate (ug/L)	GU-18	-4.769	NaN	NaN	No	3	100	NaN	NP
Vinyl acetate (ug/L)	GU-3	-1.386	-28	-31	No	11	100	0.02	NP
Vinyl acetate (ug/L)	GU-4	-1.789	-20	-23	No	9	100	0.02	NP
Vinyl acetate (ug/L)	GU-5	-1.386	-28	-31	No	11	100	0.02	NP
Vinyl acetate (ug/L)	MW-26 (bg)	-1.489	-35	-35	No	12	100	0.02	NP
Vinyl acetate (ug/L)	MW-67	-1.489	-35	-35	No	12	100	0.02	NP
Vinyl acetate (ug/L)	MW-B	-1.489	-35	-35	No	12	100	0.02	NP
Vinyl acetate (ug/L)	MW-C	-1.489	-35	-35	No	12	100	0.02	NP
Vinyl acetate (ug/L)	MW-E	0	-1	-13	No	6	100	0.02	NP
Vinyl chloride (ug/L)	GU-18	-0.5214	NaN	NaN	No	3	100	NaN	NP
Vinyl chloride (ug/L)	GU-3	-0.1515	-28	-31	No	11	100	0.02	NP
Vinyl chloride (ug/L)	GU-4	-0.1956	-20	-23	No	9	100	0.02	NP
Vinyl chloride (ug/L)	GU-5	-0.1515	-28	-31	No	11	100	0.02	NP
Vinyl chloride (ug/L)	MW-26 (bg)	-0.1628	-35	-35	No	12	100	0.02	NP
Vinyl chloride (ug/L)	MW-67	-0.1628	-35	-35	No	12	100	0.02	NP
Vinyl chloride (ug/L)	MW-B	-0.1628	-35	-35	No	12	100	0.02	NP
Vinyl chloride (ug/L)	MW-C	-0.1628	-35	-35	No	12	100	0.02	NP
Vinyl chloride (ug/L)	MW-E	0	-1	-13	No	6	100	0.02	NP

Trend Test

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE PII PRIME flat Printed 12/3/2024, 5:21 PM

<u>Constituent</u>	<u>Well</u>	<u>Slope</u>	<u>Calc.</u>	<u>Critical</u>	<u>Sig.</u>	<u>N</u>	<u>%NDs</u>	<u>Alpha</u>	<u>Method</u>
Xylenes, total (ug/L)	GU-18	-1.653	NaN	NaN	No	3	100	NaN	NP
Xylenes, total (ug/L)	GU-3	-0.5526	-34	-31	Yes	11	90.91	0.02	NP
Xylenes, total (ug/L)	GU-4	-0.6203	-20	-23	No	9	100	0.02	NP
Xylenes, total (ug/L)	GU-5	-0.4805	-28	-31	No	11	100	0.02	NP
Xylenes, total (ug/L)	MW-26 (bg)	-0.5161	-35	-35	No	12	100	0.02	NP
Xylenes, total (ug/L)	MW-67	-0.5161	-35	-35	No	12	100	0.02	NP
Xylenes, total (ug/L)	MW-B	-0.5161	-35	-35	No	12	100	0.02	NP
Xylenes, total (ug/L)	MW-C	-0.5161	-35	-35	No	12	100	0.02	NP
Xylenes, total (ug/L)	MW-E	0	-1	-13	No	6	100	0.02	NP



Phase II - VOCs

Double Quantification Rule



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VOC Screening

Analysis Run 12/3/2024 5:24 PM View: Phase II - Appendix I VOCs - DQR
Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE PII PRIME flat

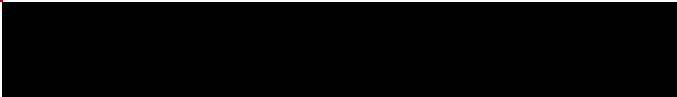
UG 'Double Quantification Rule' results for 48 constituents in 9 wells on 10 dates:

-none-



CWTS - Metals

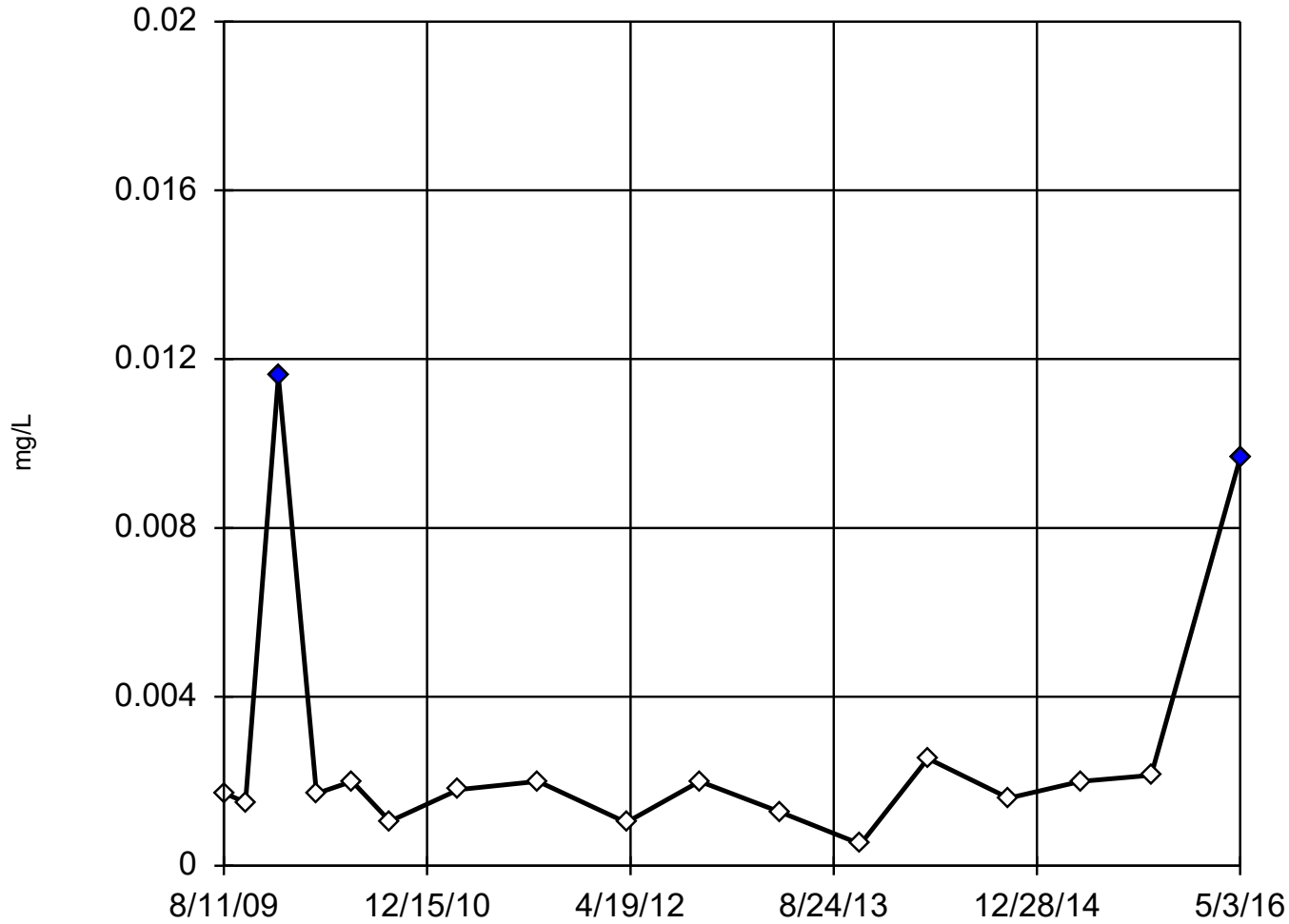
Outliers Analysis



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Tukey's Outlier Screening

MW-35R (bg)



n = 17

Outliers are drawn as solid.
Tukey's method used in lieu of parametric test because the Shapiro Wilk normality test failed at the 0.1 alpha level.

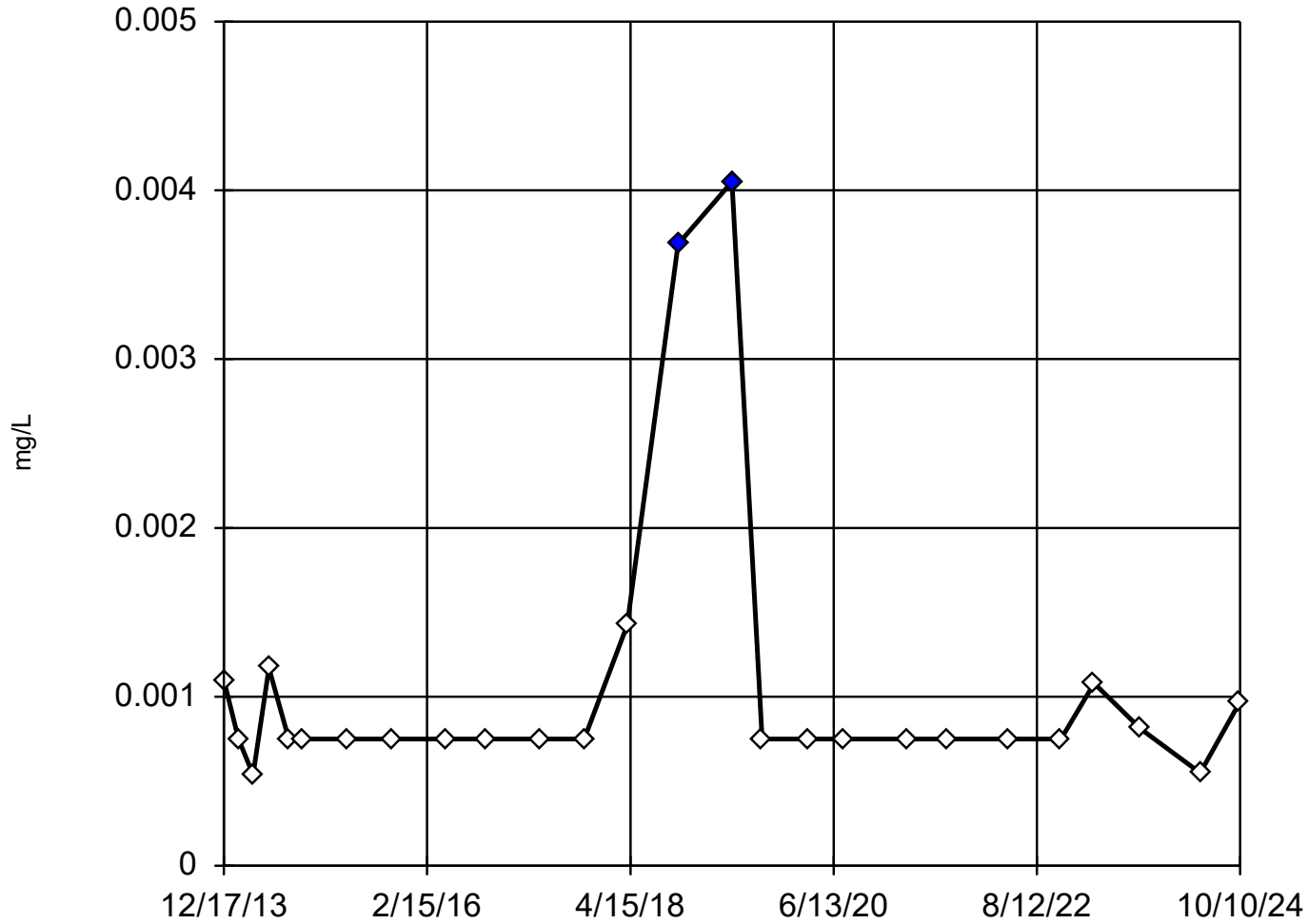
High cutoff = 0.004118,
low cutoff = -0.00066,
based on IQR multiplier of 3.

Constituent: Arsenic Analysis Run 12/3/2024 12:59 PM View: Former CWTS - Appendix I

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE CWTS flat

Tukey's Outlier Screening

MW-66



n = 26

Outliers are drawn as solid.
Tukey's method used in lieu of parametric test because the Shapiro Wilk normality test failed at the 0.1 alpha level.

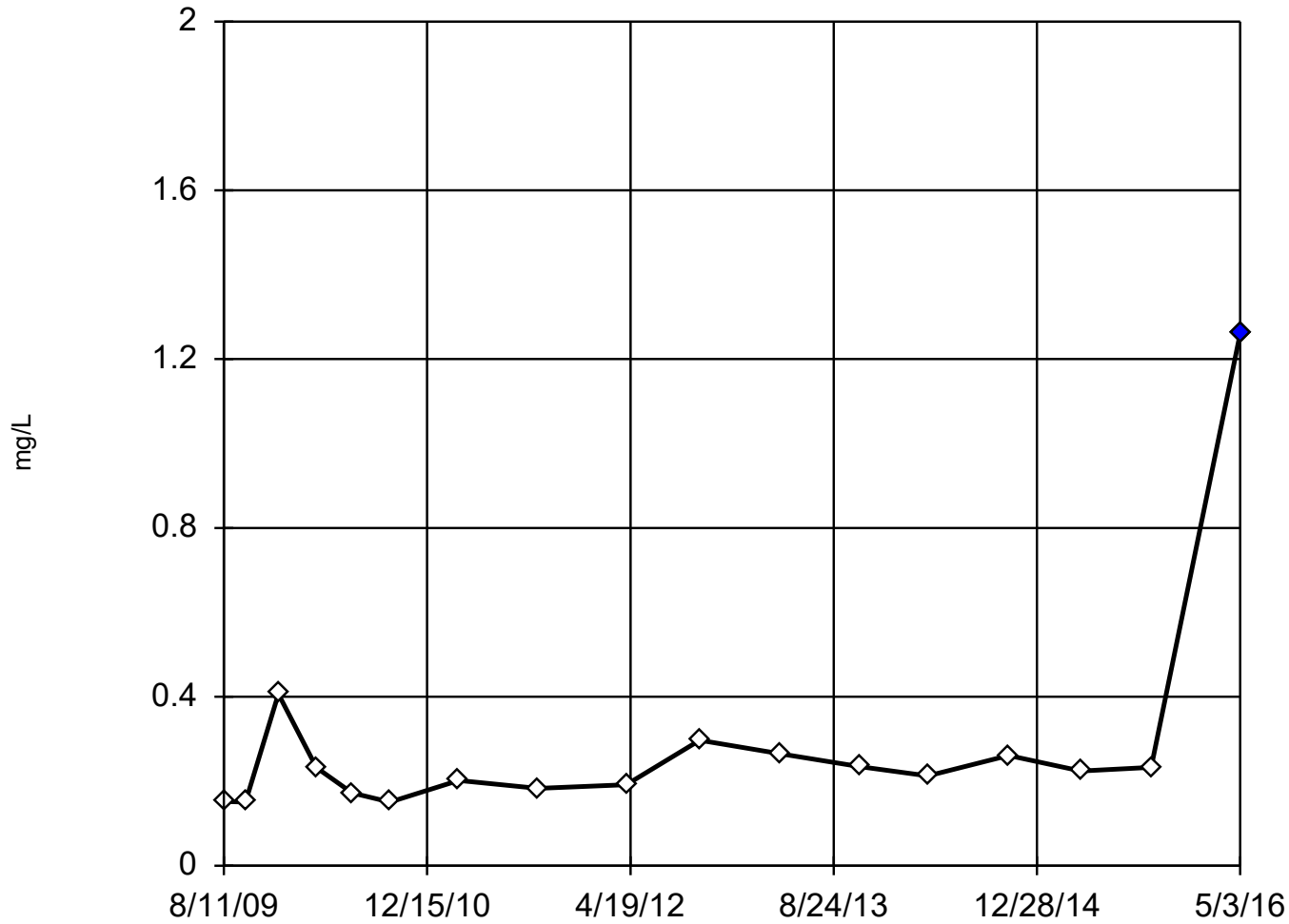
High cutoff = 0.001852,
low cutoff = -0.0000765,
based on IQR multiplier of 3.

Constituent: Arsenic Analysis Run 12/3/2024 12:59 PM View: Former CWTS - Appendix I

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE CWTS flat

Dixon's Outlier Test

MW-35R (bg)



n = 17

Statistical outlier is drawn as solid.
1 value manually flagged as an outlier.
Testing for 1 high outlier.
Mean = 0.2841.
Std. Dev. = 0.2593.
1.26 (o): c = 0.6833
tab1 = 0.49.
Alpha = 0.05.

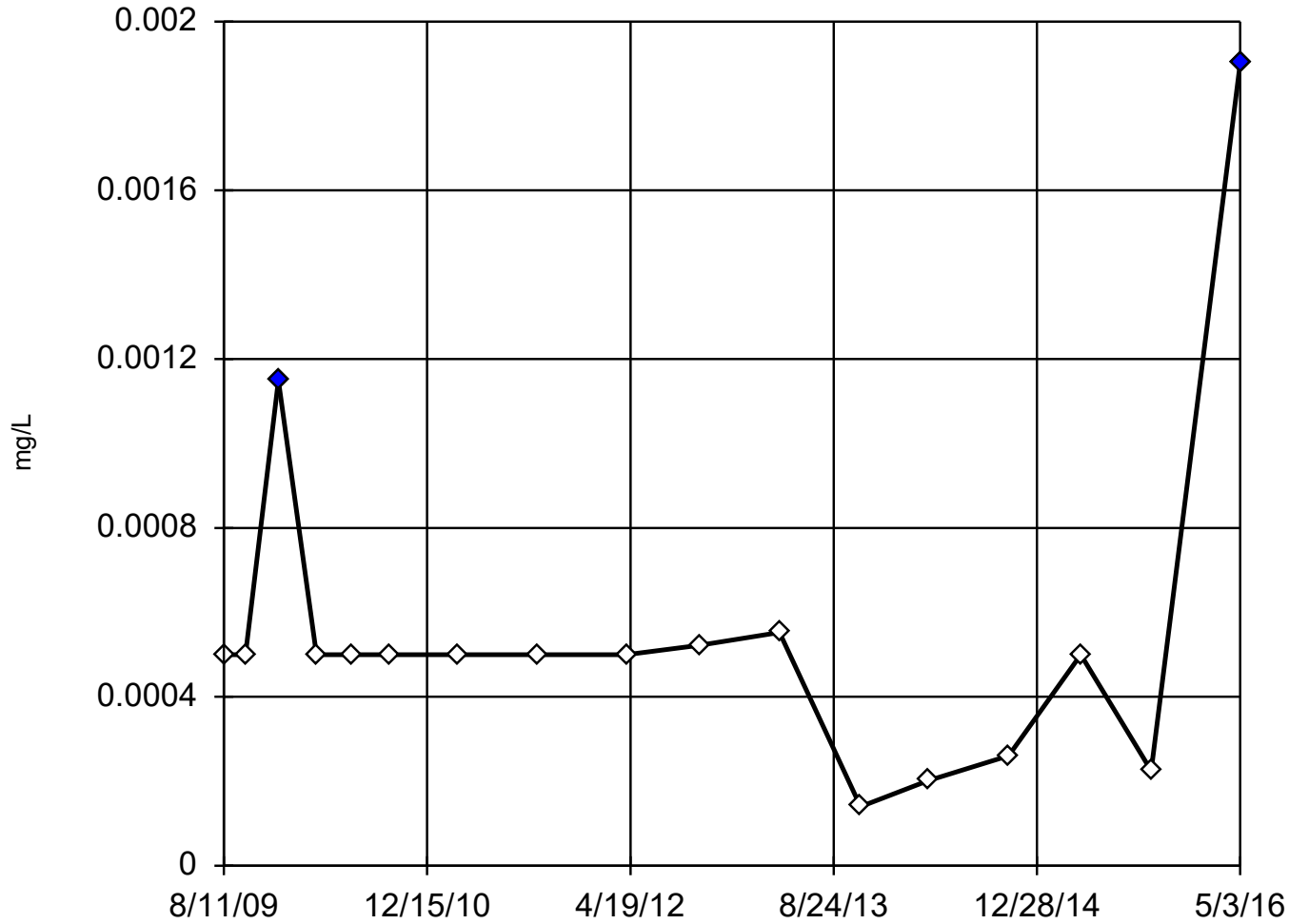
Normality test used:
Shapiro Wilk@alpha = 0.1
Calculated = 0.9459
Critical = 0.906 (after natural log transformation)
The distribution, after removal of suspect value, was found to be log-normal.

Constituent: Barium Analysis Run 12/3/2024 12:59 PM View: Former CWTS - Appendix I

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE CWTS flat

Tukey's Outlier Screening

MW-35R (bg)



n = 17

Outliers are drawn as solid.
Tukey's method used in lieu of parametric test because the Shapiro Wilk normality test failed at the 0.1 alpha level.

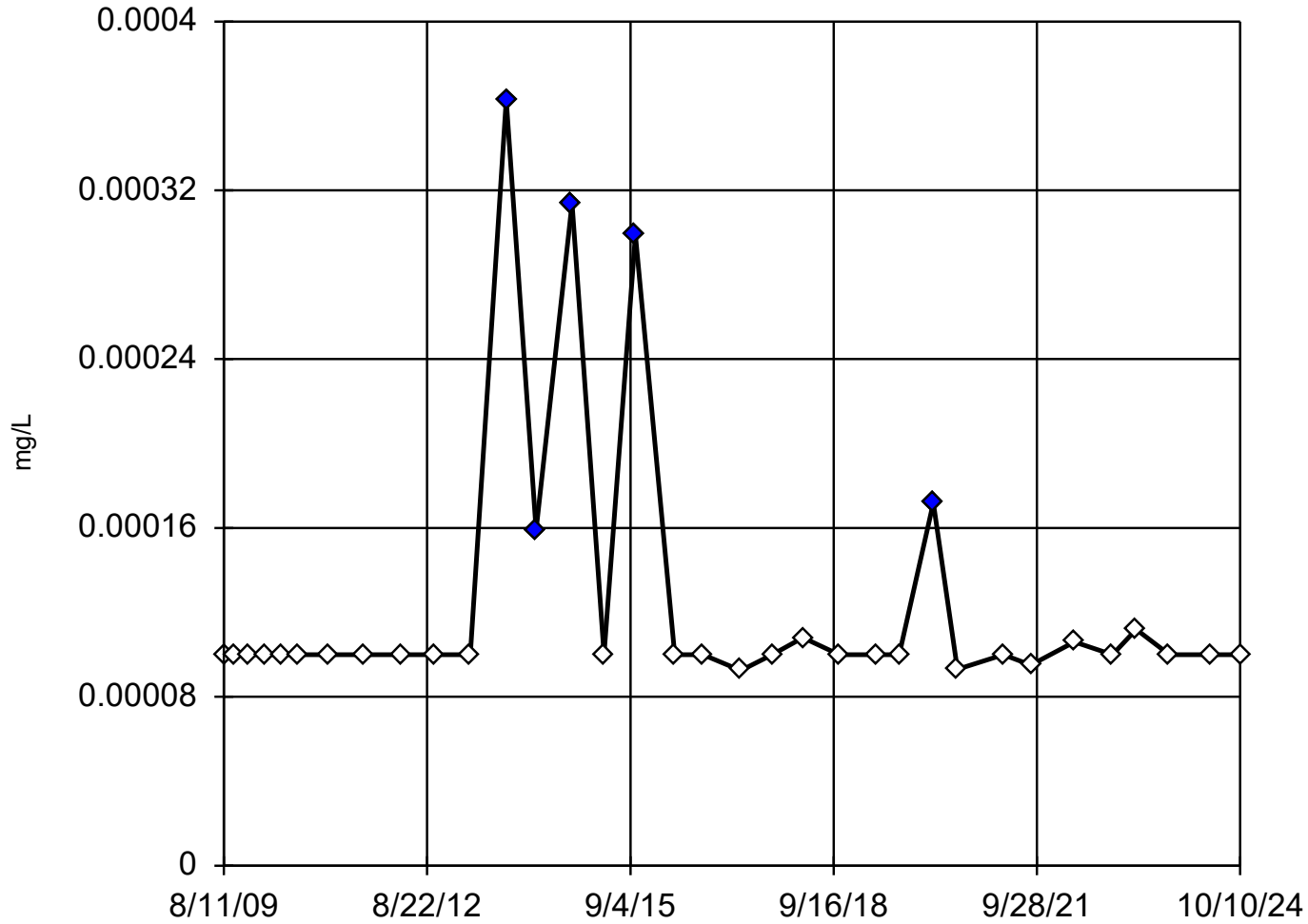
High cutoff = 0.000904,
low cutoff = -0.000013,
based on IQR multiplier of 3.

Constituent: Cadmium Analysis Run 12/3/2024 12:59 PM View: Former CWTS - Appendix I

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE CWTS flat

Tukey's Outlier Screening

MW-37



n = 34

Outliers are drawn as solid.
Tukey's method used in lieu of parametric test because the Shapiro Wilk normality test failed at the 0.1 alpha level.

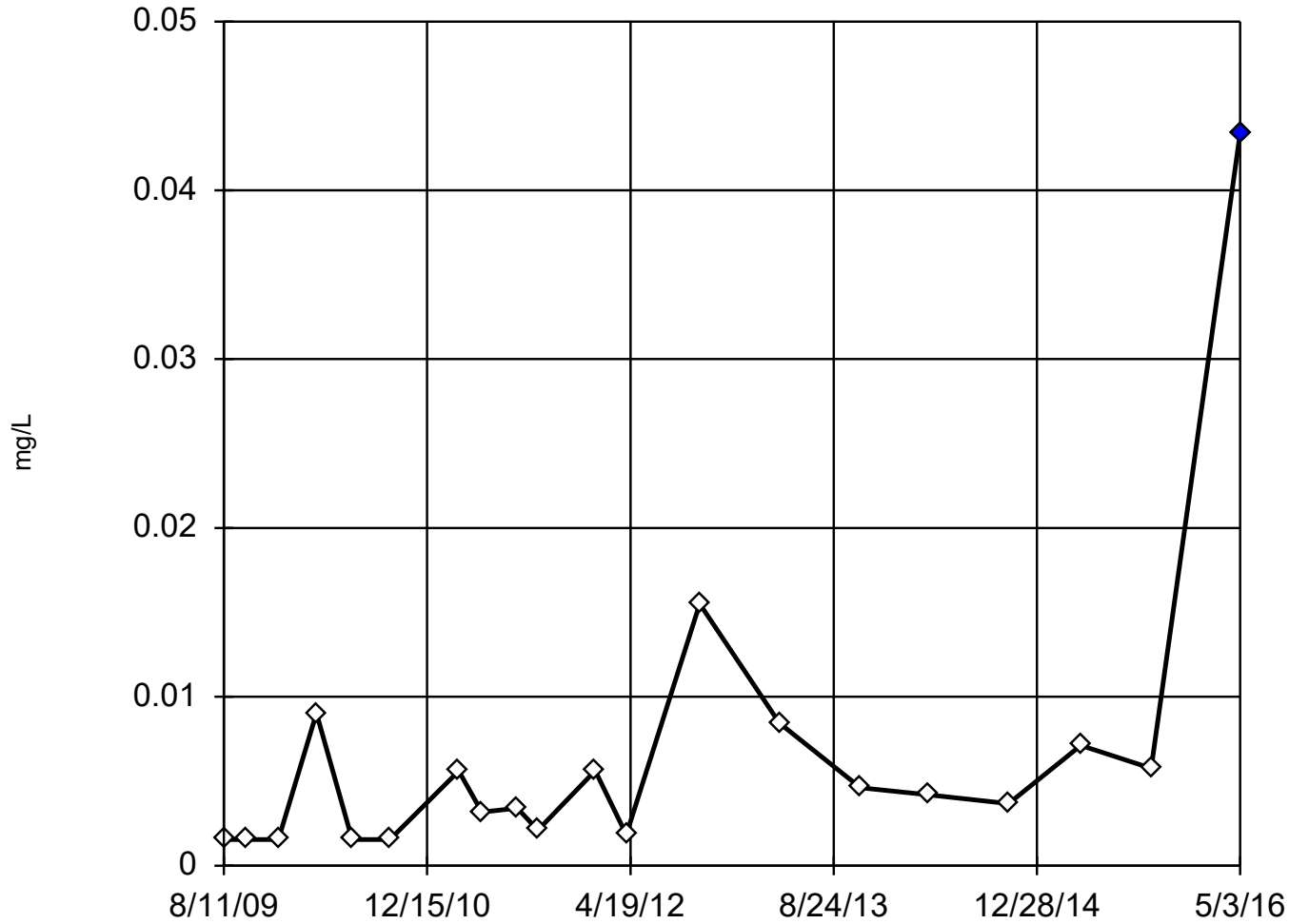
High cutoff = 0.000112,
low cutoff = 0.000091,
based on IQR multiplier of 3.

Constituent: Cadmium Analysis Run 12/3/2024 12:59 PM View: Former CWTS - Appendix I

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE CWTS flat

Dixon's Outlier Test

MW-35R (bg)



n = 20

Statistical outlier is drawn as solid.
1 value manually flagged as an outlier.
Testing for 1 high outlier.
Mean = 0.006562.
Std. Dev. = 0.009336.
0.0434 (o): c = 0.4711
tab1 = 0.45.
Alpha = 0.05.

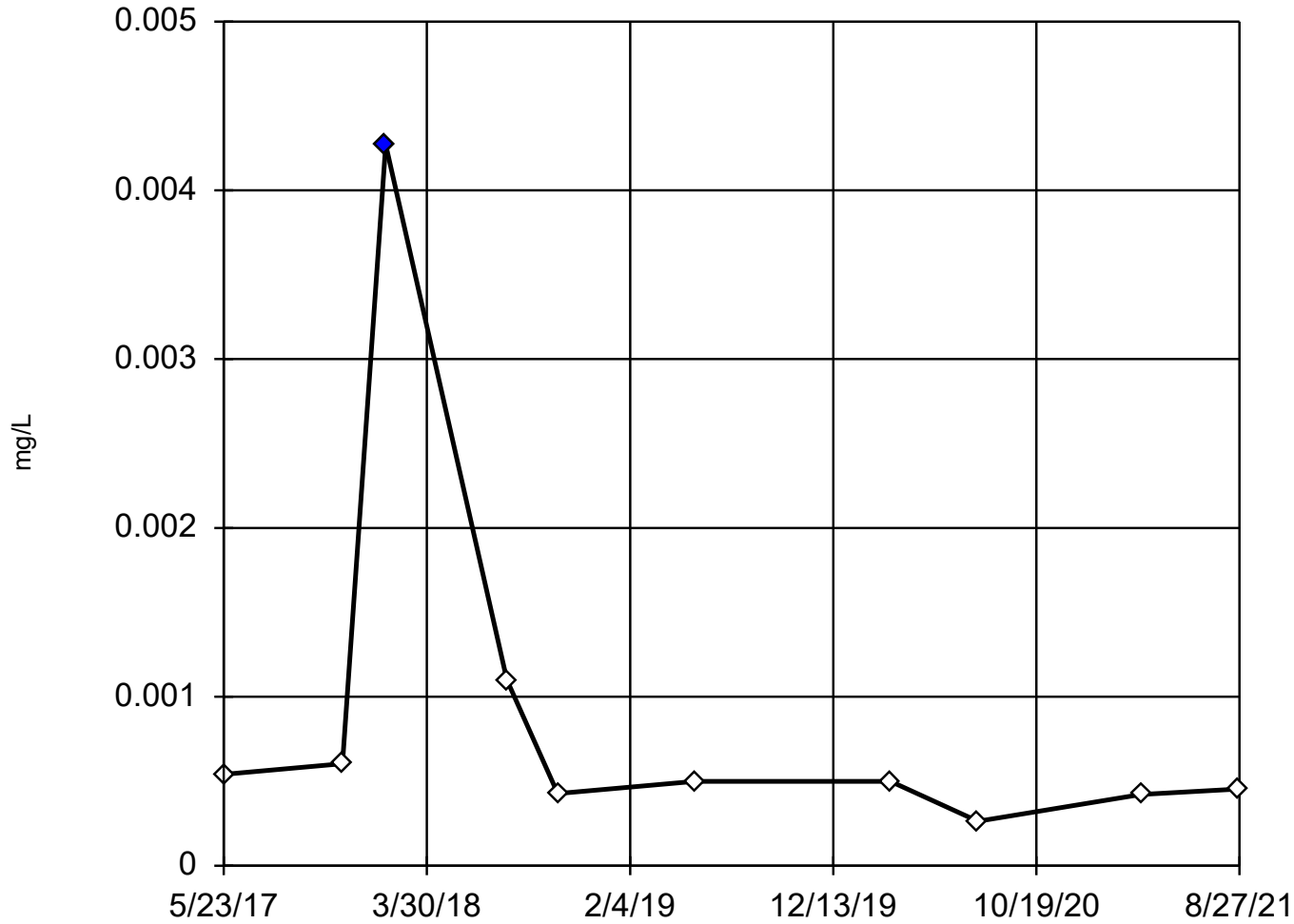
Normality test used:
Shapiro Wilk@alpha = 0.1
Calculated = 0.9181
Critical = 0.917 (after natural log transformation)
The distribution, after removal of suspect value, was found to be log-normal.

Constituent: Cobalt Analysis Run 12/3/2024 12:59 PM View: Former CWTS - Appendix I

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE CWTS flat

Dixon's Outlier Test

MW-49R (bg)



n = 10

Statistical outlier is drawn as solid.
1 value manually flagged as an outlier.
Testing for 1 high outlier.
Mean = 0.0009081.
Std. Dev. = 0.001201.
0.00427 (o): c = 0.586
tabl = 0.477.
Alpha = 0.05.

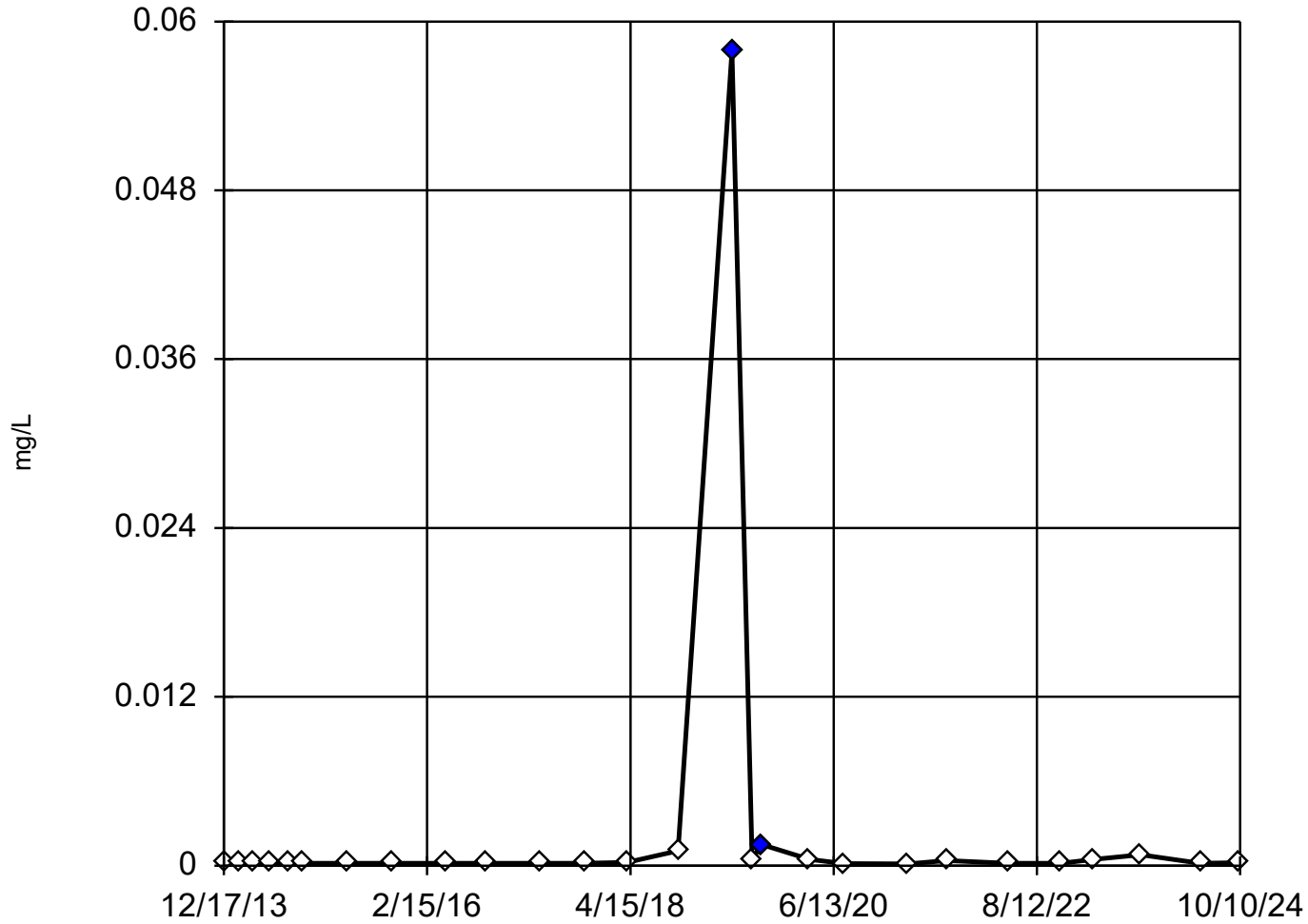
Normality test used:
Shapiro Wilk@alpha = 0.1
Calculated = 0.9031
Critical = 0.859 (after natural log transformation)
The distribution, after removal of suspect value, was found to be log-normal.

Constituent: Cobalt Analysis Run 12/3/2024 12:59 PM View: Former CWTS - Appendix I

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE CWTS flat

Tukey's Outlier Screening

MW-66



n = 27

Outliers are drawn as solid.
Tukey's method used in lieu of parametric test because the Shapiro Wilk normality test failed at the 0.1 alpha level.

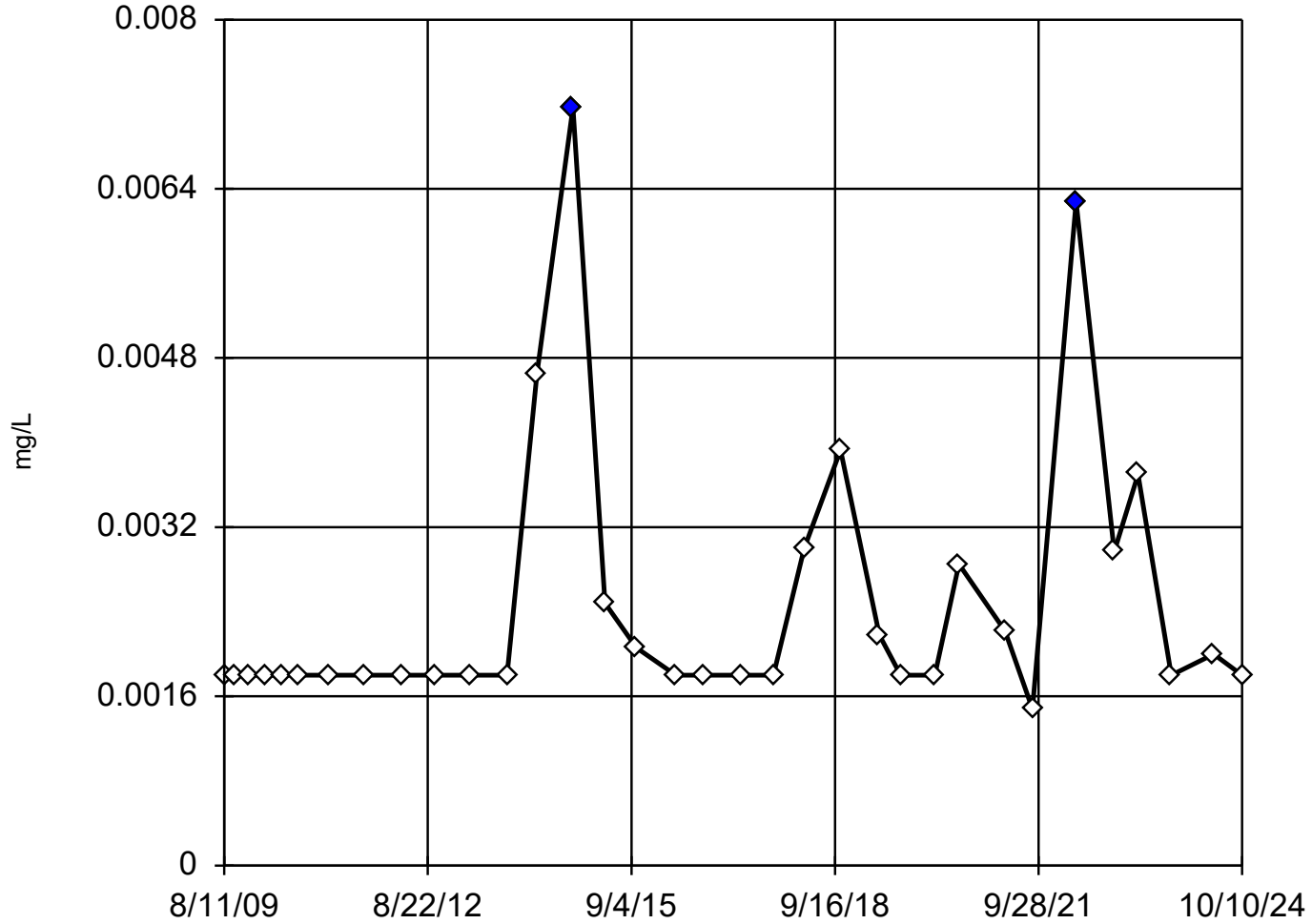
High cutoff = 0.001258,
low cutoff = -0.000646,
based on IQR multiplier of 3.

Constituent: Cobalt Analysis Run 12/3/2024 12:59 PM View: Former CWTS - Appendix I

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE CWTS flat

Tukey's Outlier Screening

MW-37



n = 34

Outliers are drawn as solid.

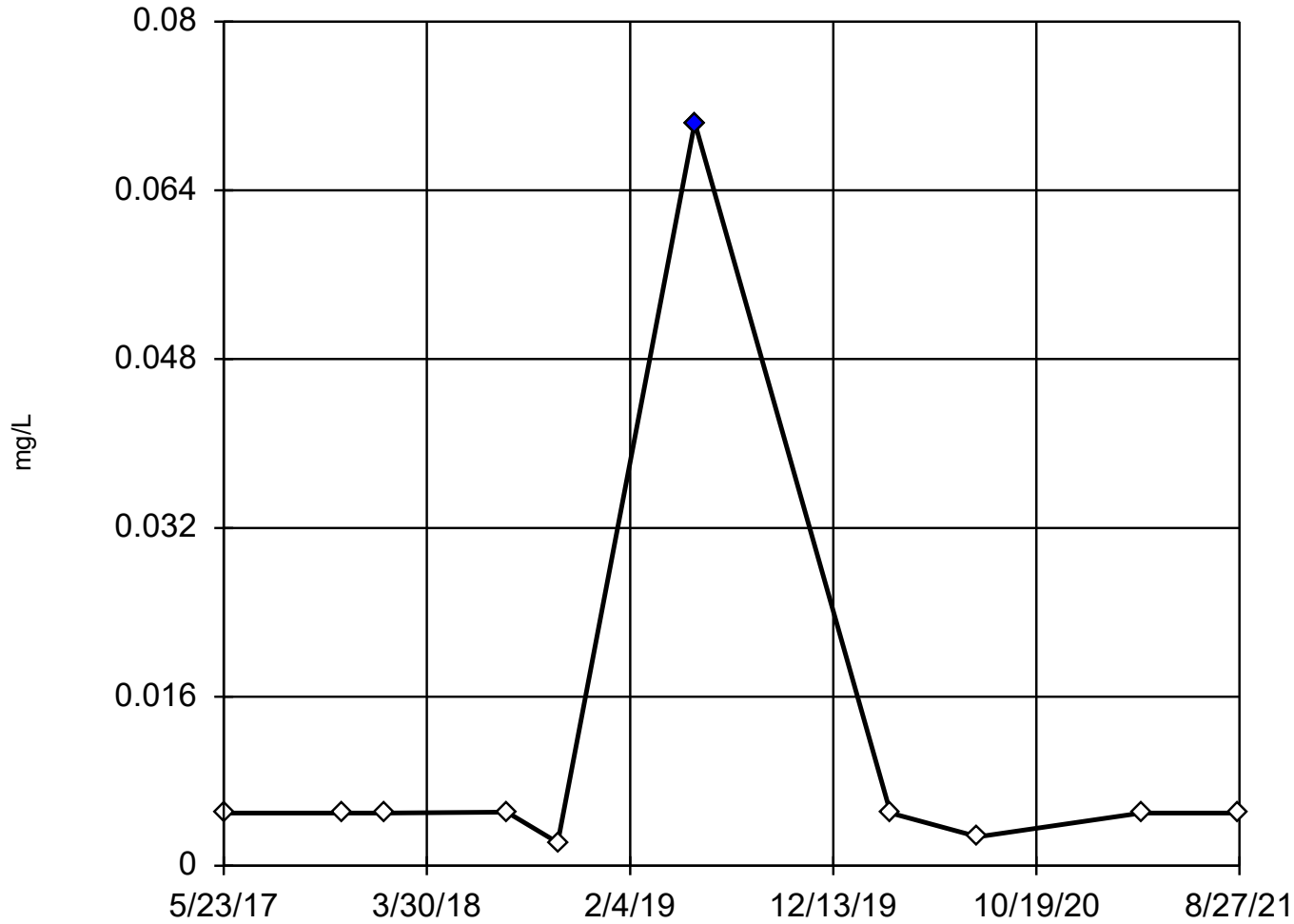
Tukey's method used in lieu of parametric test because the Shapiro Wilk normality test failed at the 0.1 alpha level.

High cutoff = 0.00526,
low cutoff = -0.000795,
based on IQR multiplier of 3.

Constituent: Copper Analysis Run 12/3/2024 12:59 PM View: Former CWTS - Appendix I
 Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE CWTS flat

Tukey's Outlier Screening

MW-49R (bg)



n = 10

Outlier is drawn as solid. Tukey's method used in lieu of parametric test because the Shapiro Wilk normality test failed at the 0.1 alpha level.

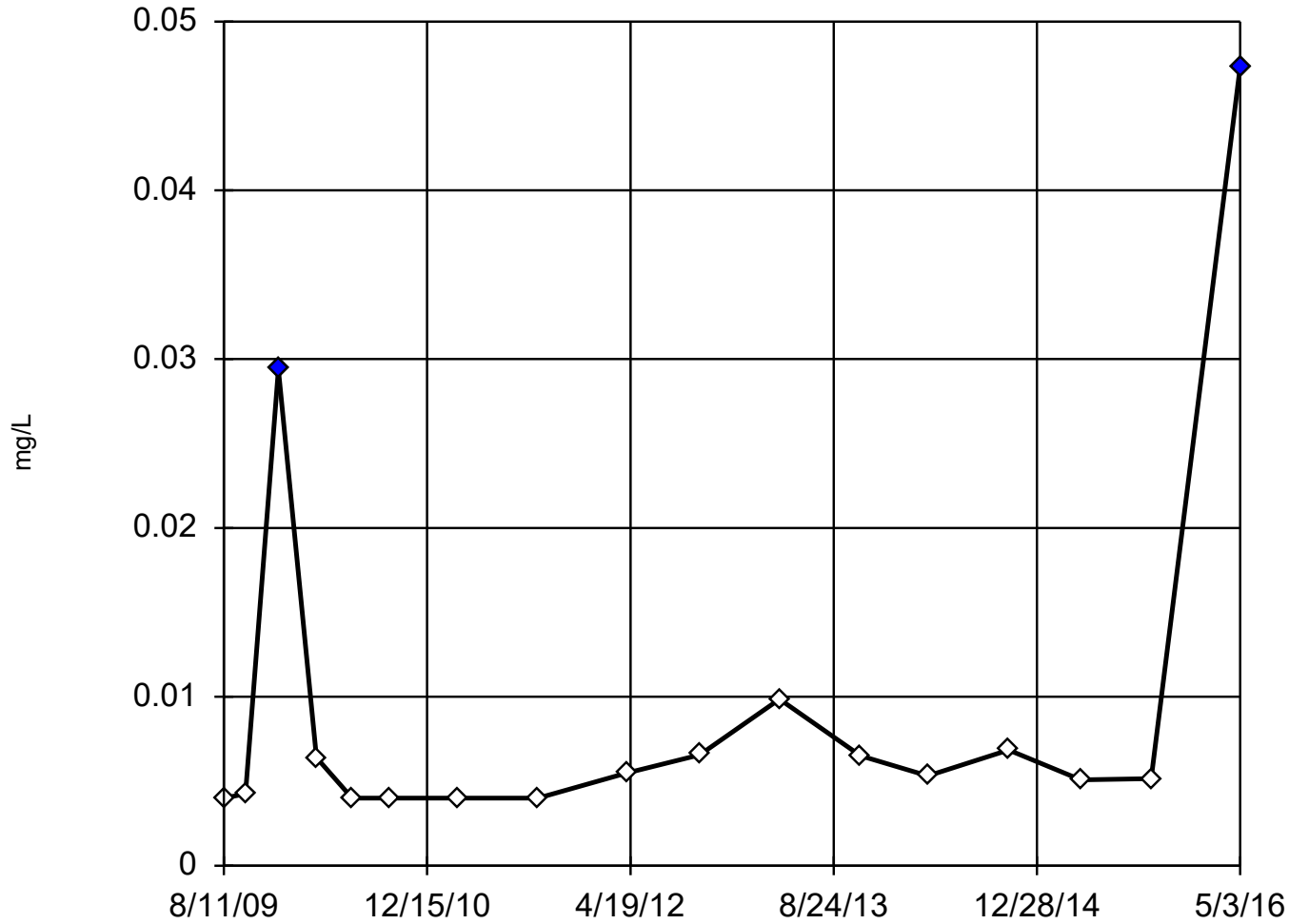
High cutoff = 0.008525, low cutoff = 0.00037, based on IQR multiplier of 3.

Constituent: Copper Analysis Run 12/3/2024 12:59 PM View: Former CWTS - Appendix I

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE CWTS flat

Tukey's Outlier Screening

MW-35R (bg)



n = 17

Outliers are drawn as solid.
Tukey's method used in lieu of parametric test because the Shapiro Wilk normality test failed at the 0.1 alpha level.

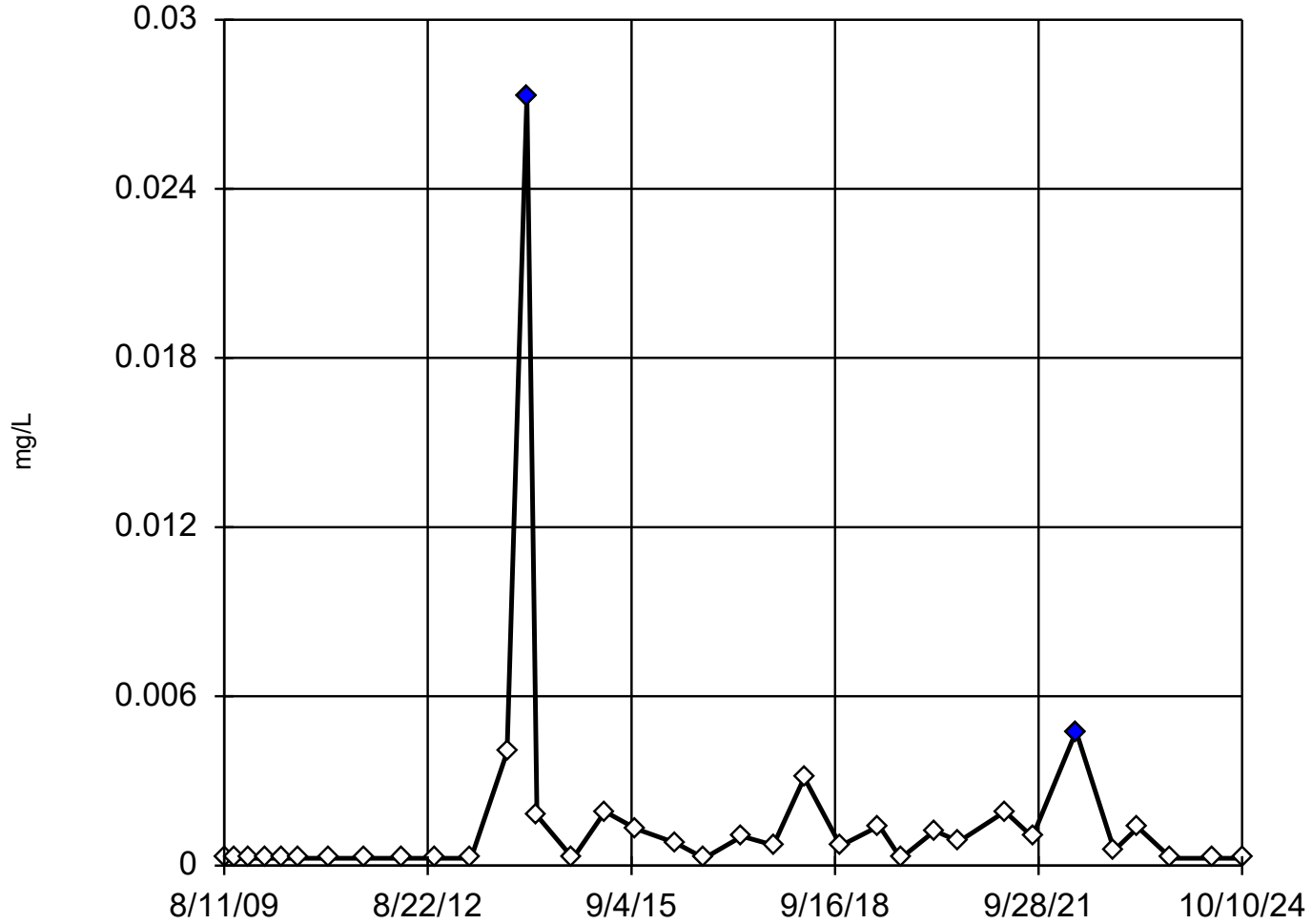
High cutoff = 0.01483,
low cutoff = -0.004122,
based on IQR multiplier of 3.

Constituent: Lead Analysis Run 12/3/2024 12:59 PM View: Former CWTS - Appendix I

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE CWTS flat

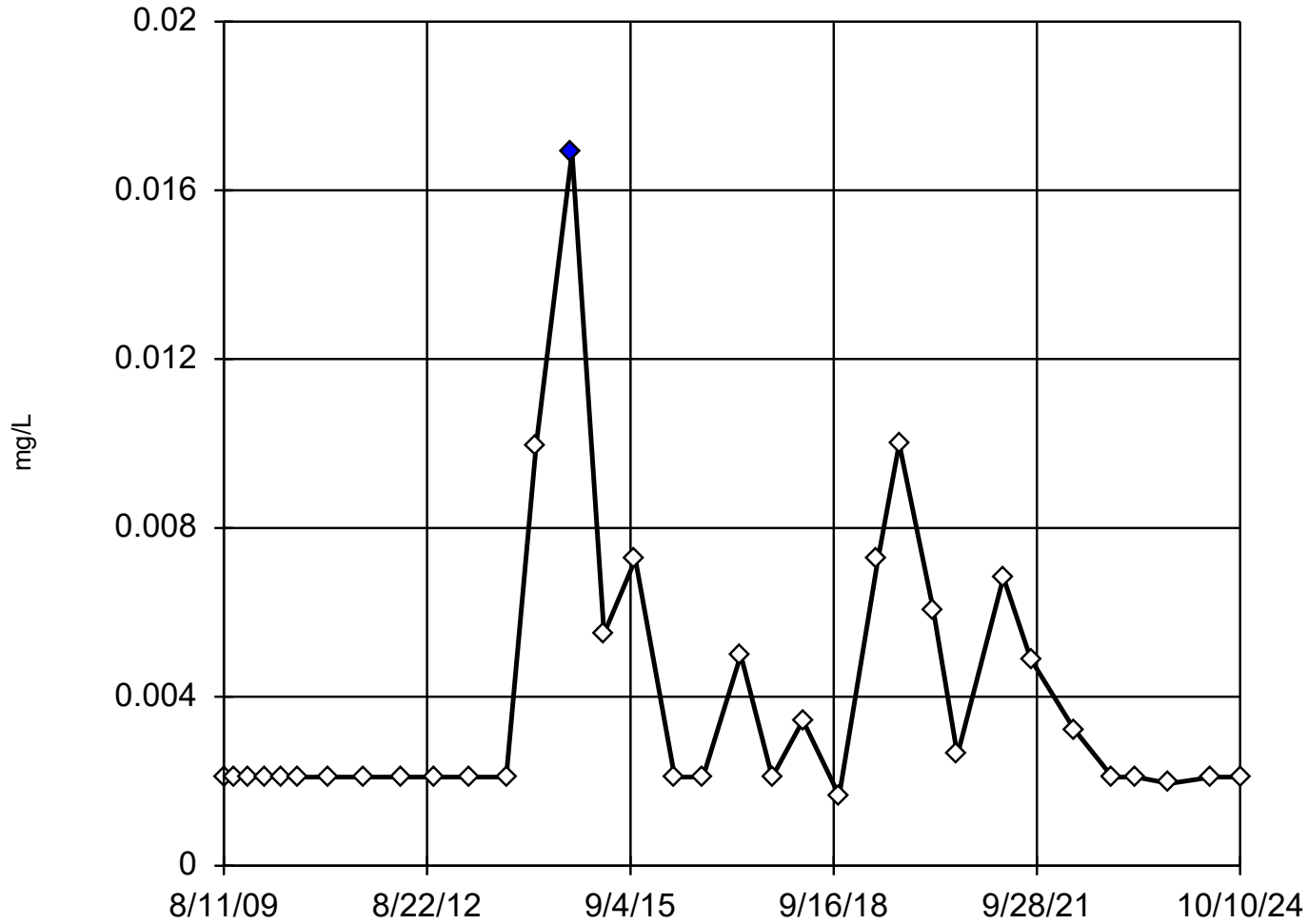
Tukey's Outlier Screening

MW-37



Tukey's Outlier Screening

MW-37

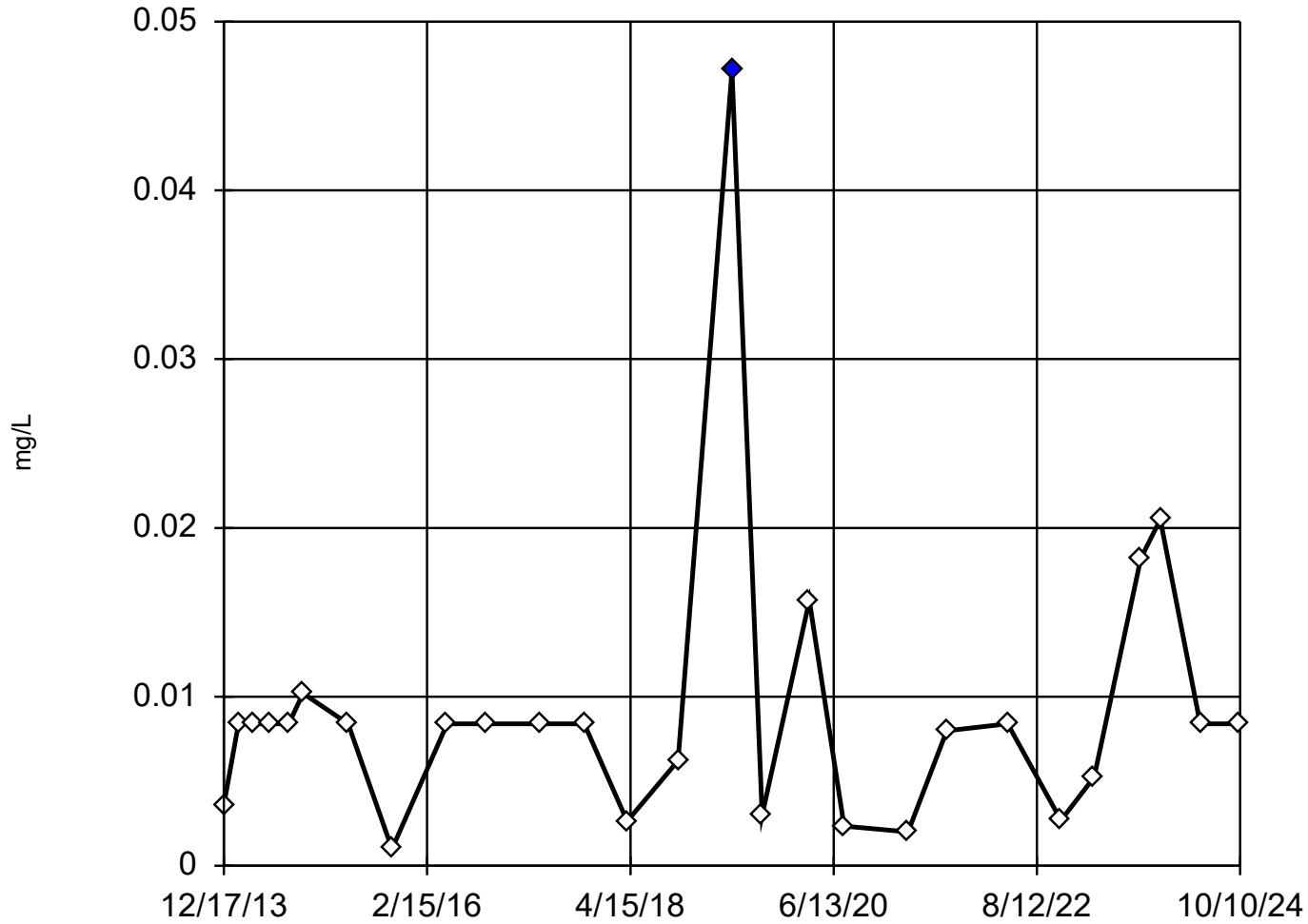


n = 34
Outlier is drawn as solid.
Tukey's method used in lieu of parametric test because the Shapiro Wilk normality test failed at the 0.1 alpha level.
High cutoff = 0.01467,
low cutoff = -0.007328,
based on IQR multiplier of 3.

Constituent: Nickel Analysis Run 12/3/2024 12:59 PM View: Former CWTS - Appendix I
Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE CWTS flat

Tukey's Outlier Screening

MW-66



n = 27

Outlier is drawn as solid. Tukey's method used in lieu of parametric test because the Shapiro Wilk normality test failed at the 0.1 alpha level.

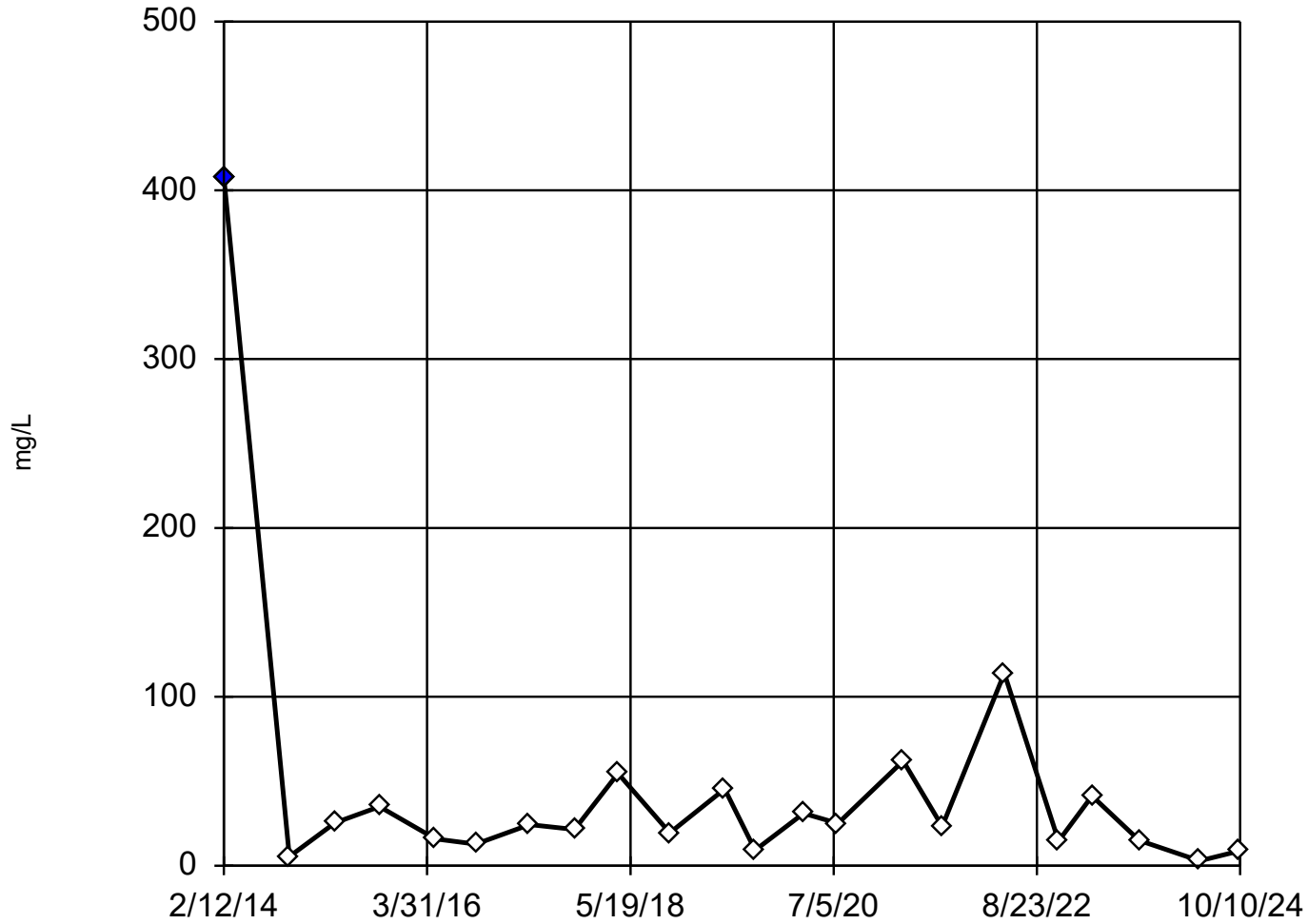
High cutoff = 0.0228, low cutoff = -0.0108, based on IQR multiplier of 3.

Constituent: Nickel Analysis Run 12/3/2024 12:59 PM View: Former CWTS - Appendix I

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE CWTS flat

Dixon's Outlier Test

MW-37



n = 22

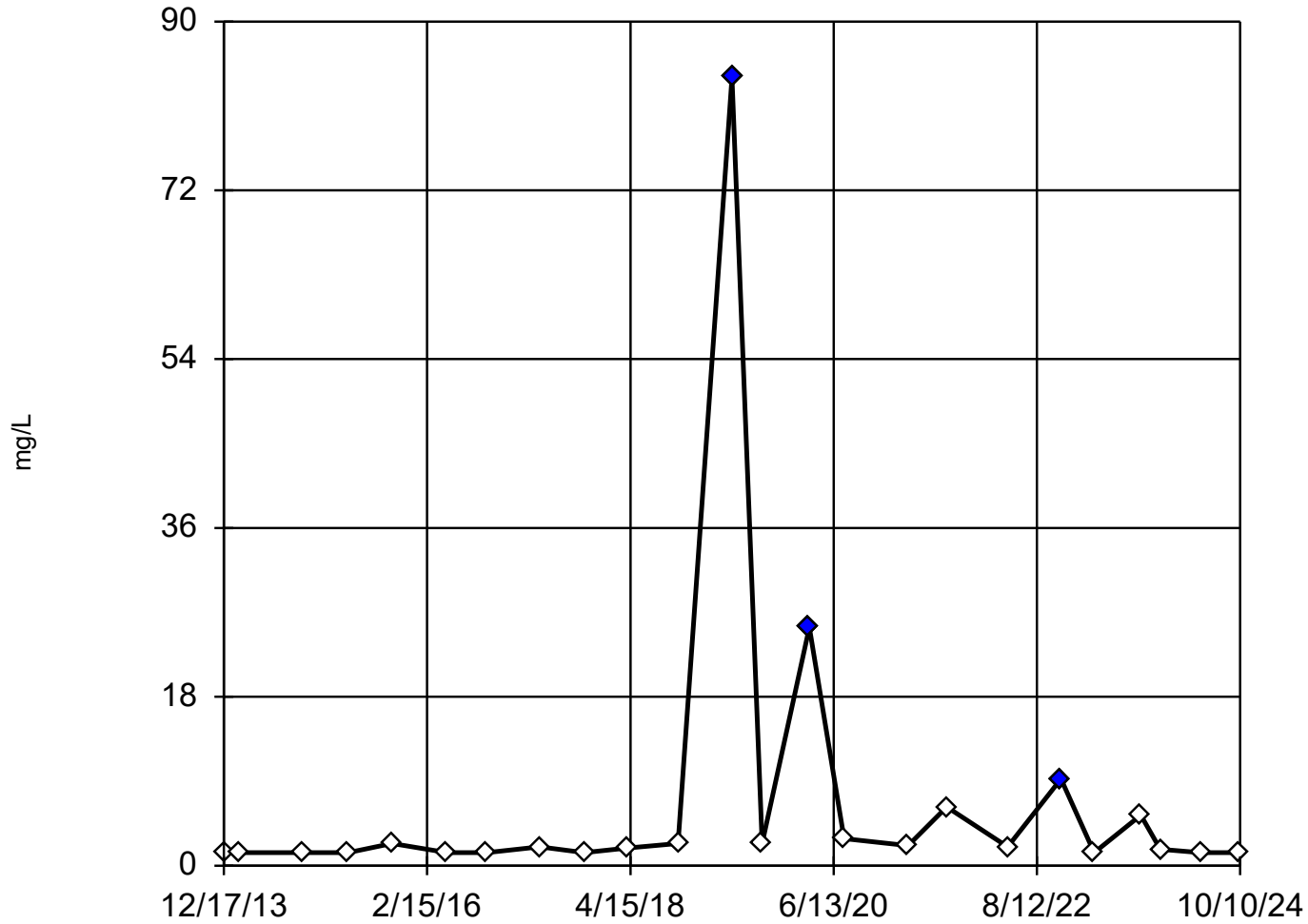
Statistical outlier is drawn as solid.
1 value manually flagged as an outlier.
Testing for 1 high outlier.
Mean = 46.11.
Std. Dev. = 84.45.
408 (o): c = 0.4911
tab1 = 0.43.
Alpha = 0.05.

Normality test used:
Shapiro Wilk@alpha = 0.1
Calculated = 0.9842
Critical = 0.923 (after natural log transformation)
The distribution, after removal of suspect value, was found to be log-normal.

Constituent: Total Suspended Solids Analysis Run 12/3/2024 1:00 PM View: Former CWTS - Appendix I
Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE CWTS flat

Tukey's Outlier Screening

MW-66



n = 24

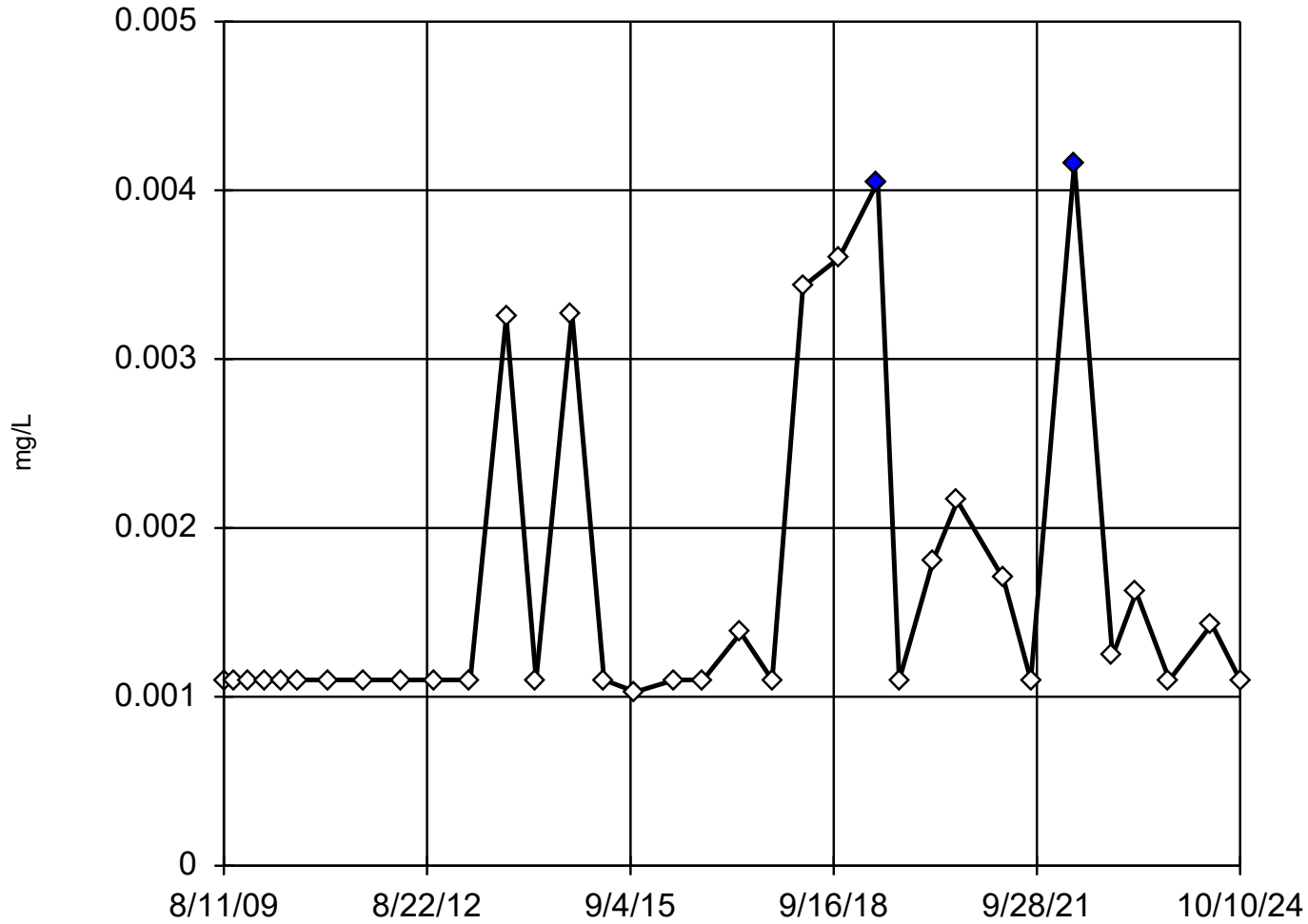
Outliers are drawn as solid.
Tukey's method used in lieu of parametric test because the Shapiro Wilk normality test failed at the 0.1 alpha level.

High cutoff = 6.35, low cutoff = -2.33, based on IQR multiplier of 3.

Constituent: Total Suspended Solids Analysis Run 12/3/2024 1:00 PM View: Former CWTS - Appendix I
Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE CWTS flat

Tukey's Outlier Screening

MW-37



n = 34

Outliers are drawn as solid.
Tukey's method used in lieu of parametric test because the Shapiro Wilk normality test failed at the 0.1 alpha level.

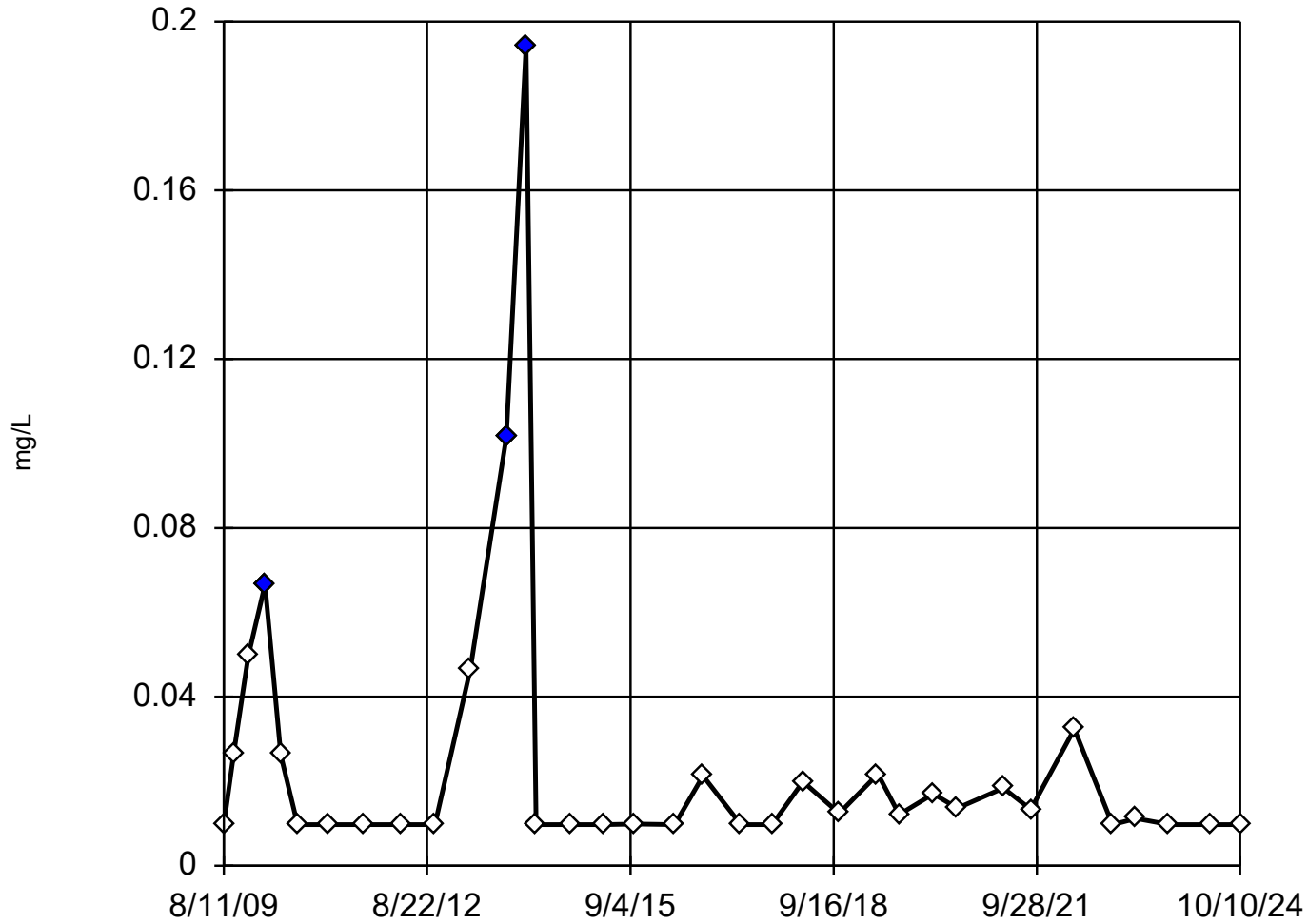
High cutoff = 0.00372,
low cutoff = -0.000865,
based on IQR multiplier of 3.

Constituent: Vanadium Analysis Run 12/3/2024 1:00 PM View: Former CWTS - Appendix I

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE CWTS flat

Tukey's Outlier Screening

MW-37



n = 35

Outliers are drawn as solid.
Tukey's method used in lieu of parametric test because the Shapiro Wilk normality test failed at the 0.1 alpha level.

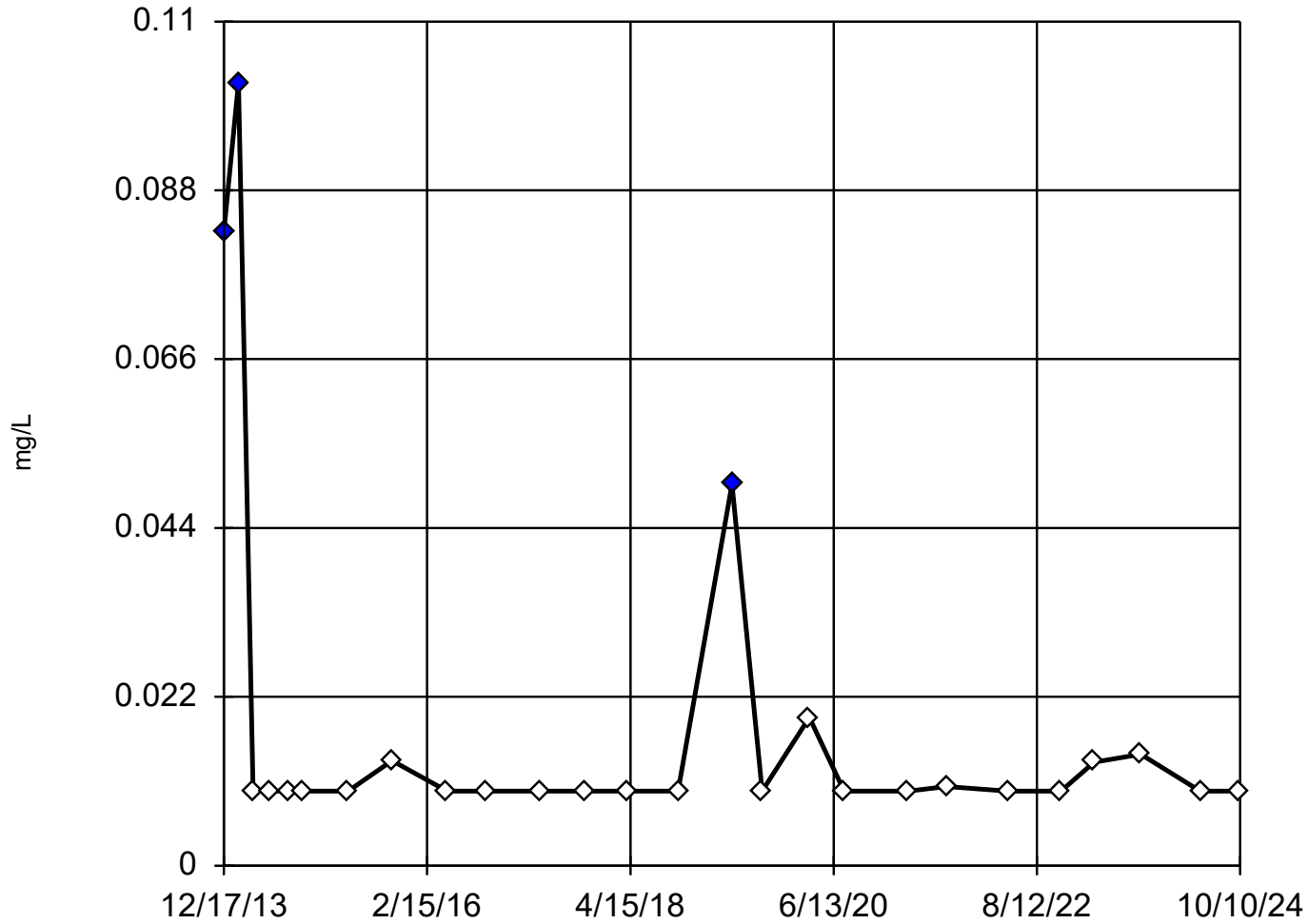
High cutoff = 0.0577,
low cutoff = -0.0263,
based on IQR multiplier of 3.

Constituent: Zinc Analysis Run 12/3/2024 1:00 PM View: Former CWTS - Appendix I

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE CWTS flat

Tukey's Outlier Screening

MW-66



n = 26

Outliers are drawn as solid.
Tukey's method used in lieu of parametric test because the Shapiro Wilk normality test failed at the 0.1 alpha level.

High cutoff = 0.0253,
low cutoff = -0.002, based on IQR multiplier of 3.

Constituent: Zinc Analysis Run 12/3/2024 1:00 PM View: Former CWTS - Appendix I

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE CWTS flat

Outlier Analysis

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE CWTS flat Printed 12/3/2024, 1:02 PM

Constituent	Well	Outlier	Value(s)	Date(s)	Method	Alpha	N	Mean	Std. Dev.	Distribution	Normality Test
Antimony (mg/L)	MW-35R (bg)	n/a	n/a	n/a	NP (nrm)	NaN	17	0.001	0	unknown	ShapiroWilk
Antimony (mg/L)	MW-36	n/a	n/a	n/a	NP (nrm)	NaN	13	0.003	0	unknown	ShapiroWilk
Antimony (mg/L)	MW-37	n/a	n/a	n/a	NP (nrm)	NaN	35	0.001255	0.001593	unknown	ShapiroWilk
Antimony (mg/L)	MW-49R (bg)	n/a	n/a	n/a	NP (nrm)	NaN	10	0.001846	0.0004886	unknown	ShapiroWilk
Antimony (mg/L)	MW-66	n/a	n/a	n/a	NP (nrm)	NaN	26	0.0009719	0.0001435	unknown	ShapiroWilk
Arsenic (mg/L)	MW-35R (bg)	Yes	0.0116,0.00966	12/21/2009,5/3/2016	NP (nrm)	NaN	17	0.002713	0.003039	unknown	ShapiroWilk
Arsenic (mg/L)	MW-36	n/a	n/a	n/a	NP (nrm)	NaN	13	0.0009908	0.00003328	unknown	ShapiroWilk
Arsenic (mg/L)	MW-37	No	n/a	n/a	NP (nrm)	NaN	34	0.001195	0.0006121	unknown	ShapiroWilk
Arsenic (mg/L)	MW-49R (bg)	No	n/a	n/a	NP (nrm)	NaN	10	0.001739	0.0006041	unknown	ShapiroWilk
Arsenic (mg/L)	MW-66	Yes	0.00368,0.00405	10/17/2018,5/15/2019	NP (nrm)	NaN	26	0.001053	0.0008507	unknown	ShapiroWilk
Barium (mg/L)	MW-35R (bg)	Yes	1.26	5/3/2016	Dixon's	0.05	17	0.2841	0.2593	ln(x)	ShapiroWilk
Barium (mg/L)	MW-36	No	n/a	n/a	EPA 1989	0.05	13	0.1551	0.03166	normal	ShapiroWilk
Barium (mg/L)	MW-37	No	n/a	n/a	NP (nrm)	NaN	34	0.19	0.1198	unknown	ShapiroWilk
Barium (mg/L)	MW-49R (bg)	No	n/a	n/a	EPA 1989	0.05	10	0.2038	0.06115	normal	ShapiroWilk
Barium (mg/L)	MW-66	No	n/a	n/a	NP (nrm)	NaN	27	0.1003	0.08406	unknown	ShapiroWilk
Beryllium (mg/L)	MW-35R (bg)	n/a	n/a	n/a	NP (nrm)	NaN	17	0.001344	0.001397	unknown	ShapiroWilk
Beryllium (mg/L)	MW-36	n/a	n/a	n/a	NP (nrm)	NaN	13	0.001	0	unknown	ShapiroWilk
Beryllium (mg/L)	MW-37	n/a	n/a	n/a	NP (nrm)	NaN	34	0.00033	0	unknown	ShapiroWilk
Beryllium (mg/L)	MW-49R (bg)	n/a	n/a	n/a	NP (nrm)	NaN	10	0.001	0	unknown	ShapiroWilk
Beryllium (mg/L)	MW-66	n/a	n/a	n/a	NP (nrm)	NaN	26	0.00033	0	unknown	ShapiroWilk
Boron (mg/L)	MW-35R (bg)	No	n/a	n/a	NP (nrm)	NaN	34	0.1301	0.05263	unknown	ShapiroWilk
Boron (mg/L)	MW-36	No	n/a	n/a	NP (nrm)	NaN	49	0.3182	0.1672	unknown	ShapiroWilk
Cadmium (mg/L)	MW-35R (bg)	Yes	0.00115,0.0019	12/21/2009,5/3/2016	NP (nrm)	NaN	17	0.0005559	0.0004096	unknown	ShapiroWilk
Cadmium (mg/L)	MW-36	n/a	n/a	n/a	NP (nrm)	NaN	13	0.0004684	0.0001138	unknown	ShapiroWilk
Cadmium (mg/L)	MW-37	Yes	0.000363,0.000159,0.00...	10/28/2013,4/9/2014,10/21/2...	NP (nrm)	NaN	34	0.0001239	0.00006609	unknown	ShapiroWilk
Cadmium (mg/L)	MW-49R (bg)	n/a	n/a	n/a	NP (nrm)	NaN	10	0.0001106	0.00003352	unknown	ShapiroWilk
Cadmium (mg/L)	MW-66	n/a	n/a	n/a	NP (nrm)	NaN	26	0.0001115	0.00005078	unknown	ShapiroWilk
Chromium (mg/L)	MW-35R (bg)	n/a	n/a	n/a	NP (nrm)	NaN	17	0.009641	0.001479	unknown	ShapiroWilk
Chromium (mg/L)	MW-36	n/a	n/a	n/a	NP (nrm)	NaN	13	0.01863	0.004945	unknown	ShapiroWilk
Chromium (mg/L)	MW-37	n/a	n/a	n/a	NP (nrm)	NaN	34	0.001629	0.001702	unknown	ShapiroWilk
Chromium (mg/L)	MW-49R (bg)	No	n/a	n/a	NP (nrm)	NaN	10	0.003973	0.00134	unknown	ShapiroWilk
Chromium (mg/L)	MW-66	n/a	n/a	n/a	NP (nrm)	NaN	26	0.00121	0.00007592	unknown	ShapiroWilk
Cobalt (mg/L)	MW-35R (bg)	Yes	0.0434	5/3/2016	Dixon's	0.05	20	0.006562	0.009336	ln(x)	ShapiroWilk
Cobalt (mg/L)	MW-36	n/a	n/a	n/a	NP (nrm)	NaN	13	0.001308	0.0001364	unknown	ShapiroWilk
Cobalt (mg/L)	MW-37	No	n/a	n/a	EPA 1989	0.05	34	0.001546	0.001286	ln(x)	ShapiroWilk
Cobalt (mg/L)	MW-49R (bg)	Yes	0.00427	1/26/2018	Dixon's	0.05	10	0.0009081	0.001201	ln(x)	ShapiroWilk
Cobalt (mg/L)	MW-66	Yes	0.0579,0.00149	5/15/2019,9/9/2019	NP (nrm)	NaN	27	0.002453	0.01109	unknown	ShapiroWilk
Copper (mg/L)	MW-35R (bg)	No	n/a	n/a	NP (nrm)	NaN	17	0.01706	0.006775	unknown	ShapiroWilk
Copper (mg/L)	MW-36	n/a	n/a	n/a	NP (nrm)	NaN	13	0.01752	0.006063	unknown	ShapiroWilk
Copper (mg/L)	MW-37	Yes	0.00717,0.00628	10/21/2014,4/20/2022	NP (nrm)	NaN	34	0.00244	0.001304	unknown	ShapiroWilk
Copper (mg/L)	MW-49R (bg)	Yes	0.0704	5/15/2019	NP (nrm)	NaN	10	0.01104	0.02089	unknown	ShapiroWilk
Copper (mg/L)	MW-66	n/a	n/a	n/a	NP (nrm)	NaN	26	0.001884	0.0007377	unknown	ShapiroWilk
Lead (mg/L)	MW-35R (bg)	Yes	0.0294,0.0473	12/21/2009,5/3/2016	NP (nrm)	NaN	17	0.009304	0.01148	unknown	ShapiroWilk
Lead (mg/L)	MW-36	n/a	n/a	n/a	NP (nrm)	NaN	13	0.00355	0.00113	unknown	ShapiroWilk
Lead (mg/L)	MW-37	Yes	0.0273,0.00476	2/12/2014,4/20/2022	NP (nrm)	NaN	35	0.001719	0.004582	unknown	ShapiroWilk
Lead (mg/L)	MW-49R (bg)	No	n/a	n/a	EPA 1989	0.05	10	0.0006555	0.0004332	normal	ShapiroWilk
Lead (mg/L)	MW-66	n/a	n/a	n/a	NP (nrm)	NaN	26	0.000275	0.00006632	unknown	ShapiroWilk
Nickel (mg/L)	MW-35R (bg)	No	n/a	n/a	NP (nrm)	NaN	17	0.0368	0.01943	unknown	ShapiroWilk
Nickel (mg/L)	MW-36	n/a	n/a	n/a	NP (nrm)	NaN	13	0.04313	0.0168	unknown	ShapiroWilk
Nickel (mg/L)	MW-37	Yes	0.0169	10/21/2014	NP (nrm)	NaN	34	0.003895	0.003284	unknown	ShapiroWilk

Outlier Analysis

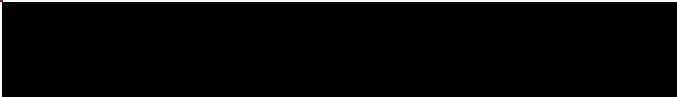
Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE CWTS flat Printed 12/3/2024, 1:02 PM

<u>Constituent</u>	<u>Well</u>	<u>Outlier</u>	<u>Value(s)</u>	<u>Date(s)</u>	<u>Method</u>	<u>Alpha</u>	<u>N</u>	<u>Mean</u>	<u>Std. Dev.</u>	<u>Distribution</u>	<u>Normality Test</u>
Nickel (mg/L)	MW-49R (bg)	No	n/a	n/a	NP (nrm)	NaN	10	0.004272	0.001356	unknown	ShapiroWilk
Nickel (mg/L)	MW-66	Yes	0.0471	5/15/2019	NP (nrm)	NaN	27	0.009229	0.008866	unknown	ShapiroWilk
Selenium (mg/L)	MW-35R (bg)	n/a	n/a	n/a	NP (nrm)	NaN	17	0.0095	0.002062	unknown	ShapiroWilk
Selenium (mg/L)	MW-36	n/a	n/a	n/a	NP (nrm)	NaN	13	0.0025	0	unknown	ShapiroWilk
Selenium (mg/L)	MW-37	n/a	n/a	n/a	NP (nrm)	NaN	34	0.0014	0	unknown	ShapiroWilk
Selenium (mg/L)	MW-49R (bg)	n/a	n/a	n/a	NP (nrm)	NaN	10	0.005	0	unknown	ShapiroWilk
Selenium (mg/L)	MW-66	n/a	n/a	n/a	NP (nrm)	NaN	26	0.001428	0.0001868	unknown	ShapiroWilk
Silver (mg/L)	MW-35R (bg)	n/a	n/a	n/a	NP (nrm)	NaN	17	0.001	0	unknown	ShapiroWilk
Silver (mg/L)	MW-36	n/a	n/a	n/a	NP (nrm)	NaN	13	0.0005	0	unknown	ShapiroWilk
Silver (mg/L)	MW-37	n/a	n/a	n/a	NP (nrm)	NaN	34	0.0005606	0.0003533	unknown	ShapiroWilk
Silver (mg/L)	MW-49R (bg)	n/a	n/a	n/a	NP (nrm)	NaN	10	0.001	0	unknown	ShapiroWilk
Silver (mg/L)	MW-66	n/a	n/a	n/a	NP (nrm)	NaN	26	0.0004864	0.00006923	unknown	ShapiroWilk
Thallium (mg/L)	MW-35R (bg)	n/a	n/a	n/a	NP (nrm)	NaN	17	0.001	0	unknown	ShapiroWilk
Thallium (mg/L)	MW-36	n/a	n/a	n/a	NP (nrm)	NaN	13	0.002	0	unknown	ShapiroWilk
Thallium (mg/L)	MW-37	n/a	n/a	n/a	NP (nrm)	NaN	34	0.0005545	0.00009038	unknown	ShapiroWilk
Thallium (mg/L)	MW-49R (bg)	n/a	n/a	n/a	NP (nrm)	NaN	10	0.001	0	unknown	ShapiroWilk
Thallium (mg/L)	MW-66	n/a	n/a	n/a	NP (nrm)	NaN	26	0.002288	0.00004118	unknown	ShapiroWilk
Total Suspended Solids (mg/L)	MW-35R (bg)	No	n/a	n/a	EPA 1989	0.05	4	2705	4454	ln(x)	ShapiroWilk
Total Suspended Solids (mg/L)	MW-36	No	n/a	n/a	EPA 1989	0.05	10	32.94	29.73	ln(x)	ShapiroWilk
Total Suspended Solids (mg/L)	MW-37	Yes	408	2/12/2014	Dixon's	0.05	22	46.11	84.45	ln(x)	ShapiroWilk
Total Suspended Solids (mg/L)	MW-49R (bg)	No	n/a	n/a	EPA 1989	0.05	11	27.52	31.08	ln(x)	ShapiroWilk
Total Suspended Solids (mg/L)	MW-66	Yes	84,25.4,9.25	5/15/2019,3/10/2020,11/14/2022	NP (nrm)	NaN	24	6.831	17.19	unknown	ShapiroWilk
Vanadium (mg/L)	MW-35R (bg)	No	n/a	n/a	NP (nrm)	NaN	17	0.0378	0.0191	unknown	ShapiroWilk
Vanadium (mg/L)	MW-36	n/a	n/a	n/a	NP (nrm)	NaN	13	0.04638	0.01307	unknown	ShapiroWilk
Vanadium (mg/L)	MW-37	Yes	0.00405,0.00416	5/15/2019,4/20/2022	NP (nrm)	NaN	34	0.001651	0.0009728	unknown	ShapiroWilk
Vanadium (mg/L)	MW-49R (bg)	No	n/a	n/a	NP (nrm)	NaN	10	0.004372	0.001285	unknown	ShapiroWilk
Vanadium (mg/L)	MW-66	n/a	n/a	n/a	NP (nrm)	NaN	26	0.001078	0.0001143	unknown	ShapiroWilk
Zinc (mg/L)	MW-35R (bg)	No	n/a	n/a	NP (nrm)	NaN	17	0.04094	0.03402	unknown	ShapiroWilk
Zinc (mg/L)	MW-36	n/a	n/a	n/a	NP (nrm)	NaN	13	0.02405	0.01368	unknown	ShapiroWilk
Zinc (mg/L)	MW-37	Yes	0.0666,0.1015,0.194	3/23/2010,10/28/2013,2/12/2014	NP (nrm)	NaN	35	0.02483	0.03522	unknown	ShapiroWilk
Zinc (mg/L)	MW-49R (bg)	n/a	n/a	n/a	NP (nrm)	NaN	10	0.023	0.01203	unknown	ShapiroWilk
Zinc (mg/L)	MW-66	Yes	0.0826,0.102,0.0497	12/17/2013,2/12/2014,5/15/2019	NP (nrm)	NaN	26	0.01847	0.02331	unknown	ShapiroWilk



CWTS – Metals

Outliers Summary



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Flagged_Outliers

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE CWTS flat Printed 12/3/2024, 1:15 PM

MW-35R Selenium (mg/L) MW-66 Selenium (mg/L) MW-37 Silver (mg/L) MW-37 Thallium (mg/L) MW-66 Thallium (mg/L) MW-35R Total Suspended Solids (mg/L) MW-37 Total Suspended Solids (mg/L) MW-66 Total Suspended Solids (mg/L) MW-35R Vanadium (mg/L) MW-35R Zinc (mg/L)

Date	MW-35R Selenium (mg/L)	MW-66 Selenium (mg/L)	MW-37 Silver (mg/L)	MW-37 Thallium (mg/L)	MW-66 Thallium (mg/L)	MW-35R Total Suspended Solids (mg/L)	MW-37 Total Suspended Solids (mg/L)	MW-66 Total Suspended Solids (mg/L)	MW-35R Vanadium (mg/L)	MW-35R Zinc (mg/L)
12/21/2009										
9/16/2010										
3/2/2011				<0.00057 (o)						
10/28/2013										
12/17/2013										
2/12/2014							408 (o)			
10/21/2014			0.00256 (Jo)							
5/3/2016	<0.01 (o)					9380 (o)			0.0467 (o)	0.138 (o)
1/26/2018										
5/15/2019								84 (o)		
8/27/2021					0.00249 (o)					
4/20/2022		<0.0014 (o)			<0.00228 (o)					

MW-37 Zinc (mg/L) MW-49R Zinc (mg/L) MW-66 Zinc (mg/L)

Date	MW-37 Zinc (mg/L)	MW-49R Zinc (mg/L)	MW-66 Zinc (mg/L)
12/21/2009			
9/16/2010			
3/2/2011			
10/28/2013	0.10145 (oD)		
12/17/2013		0.0826 (o)	
2/12/2014	0.194 (o)	0.102 (o)	
10/21/2014			
5/3/2016			
1/26/2018			
5/15/2019		0.0567 (B,o)	
8/27/2021			
4/20/2022		<0.0097 (o)	



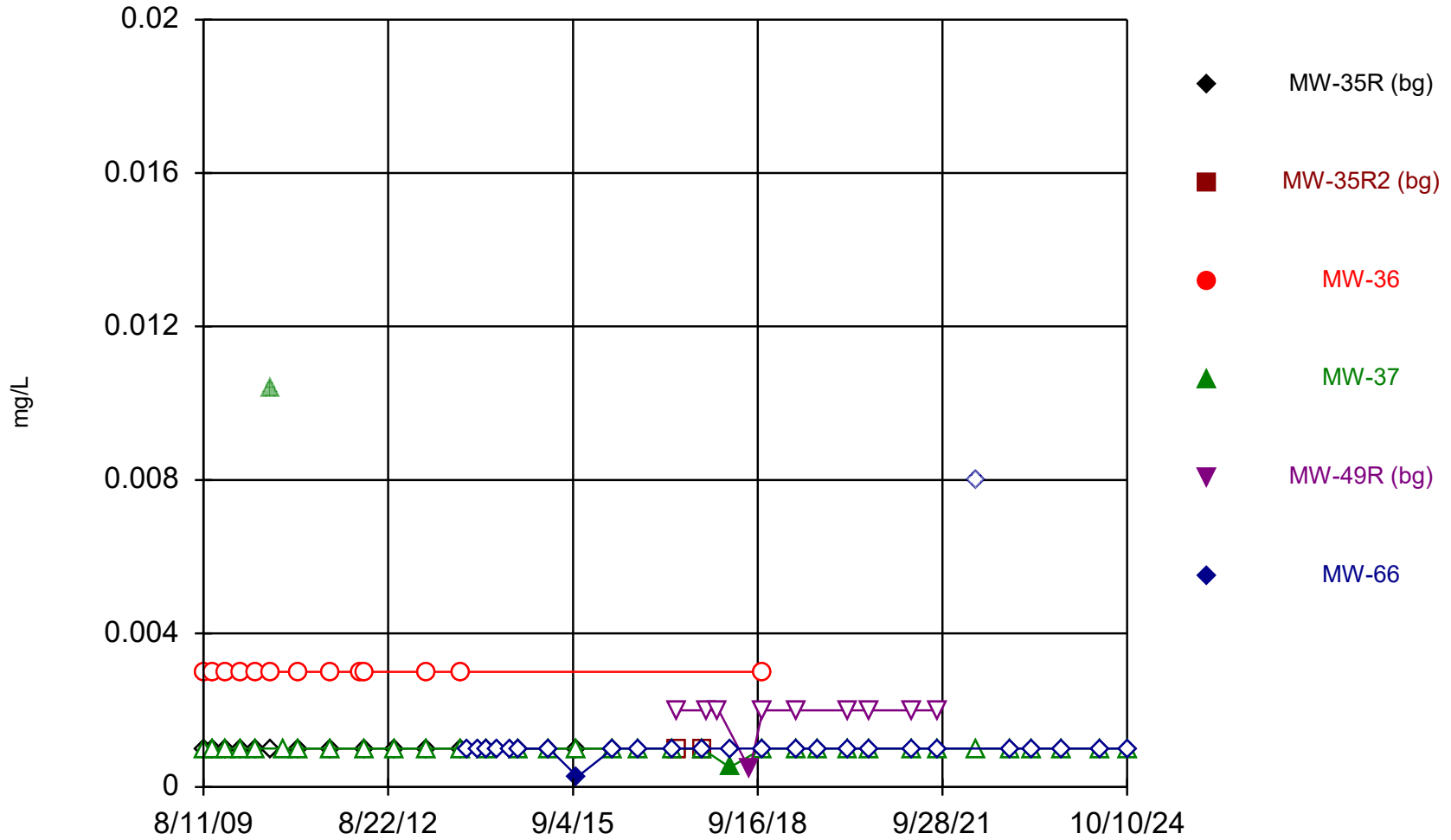
CWTS - Metals

Time Series Analysis



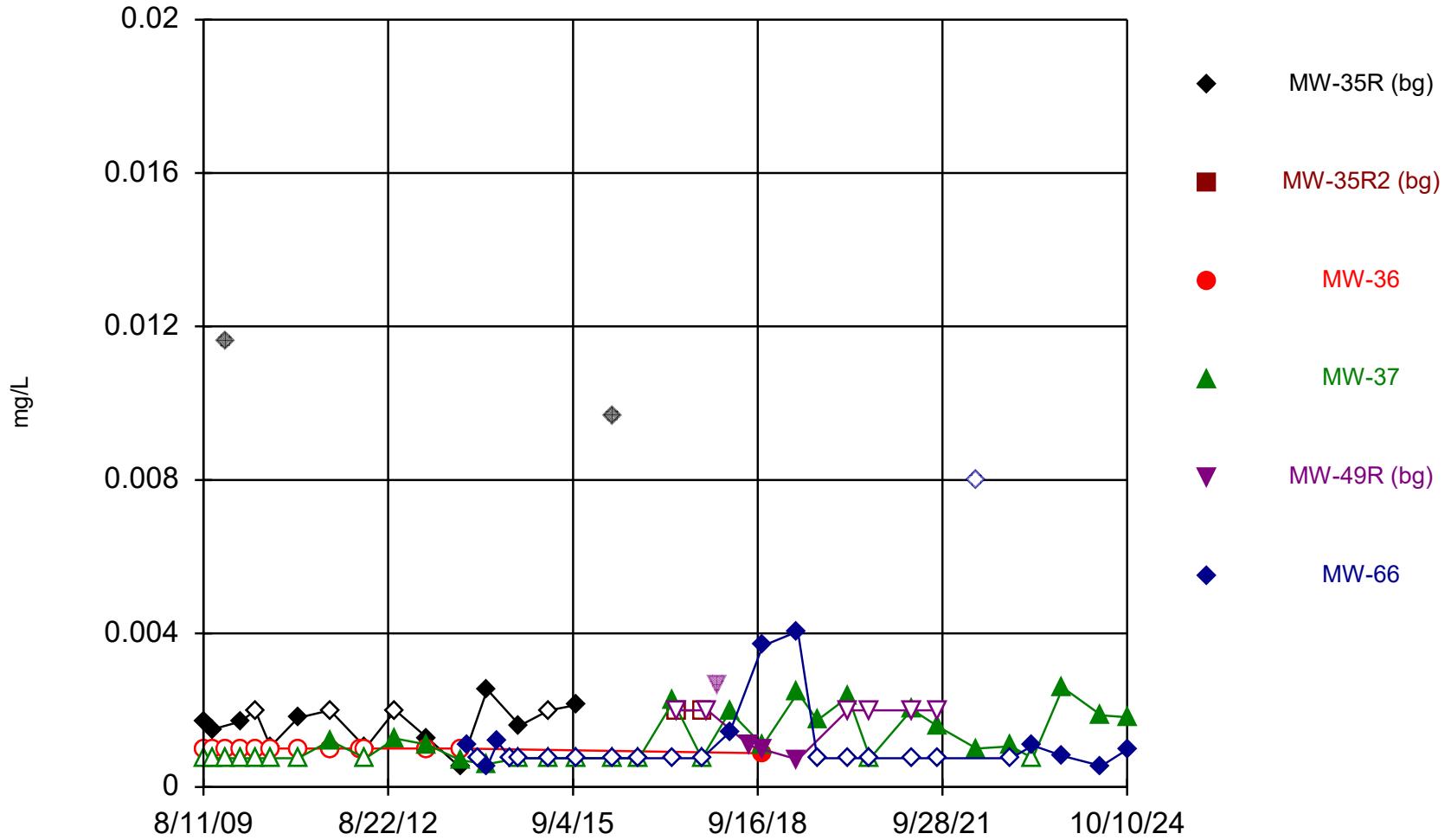
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Time Series



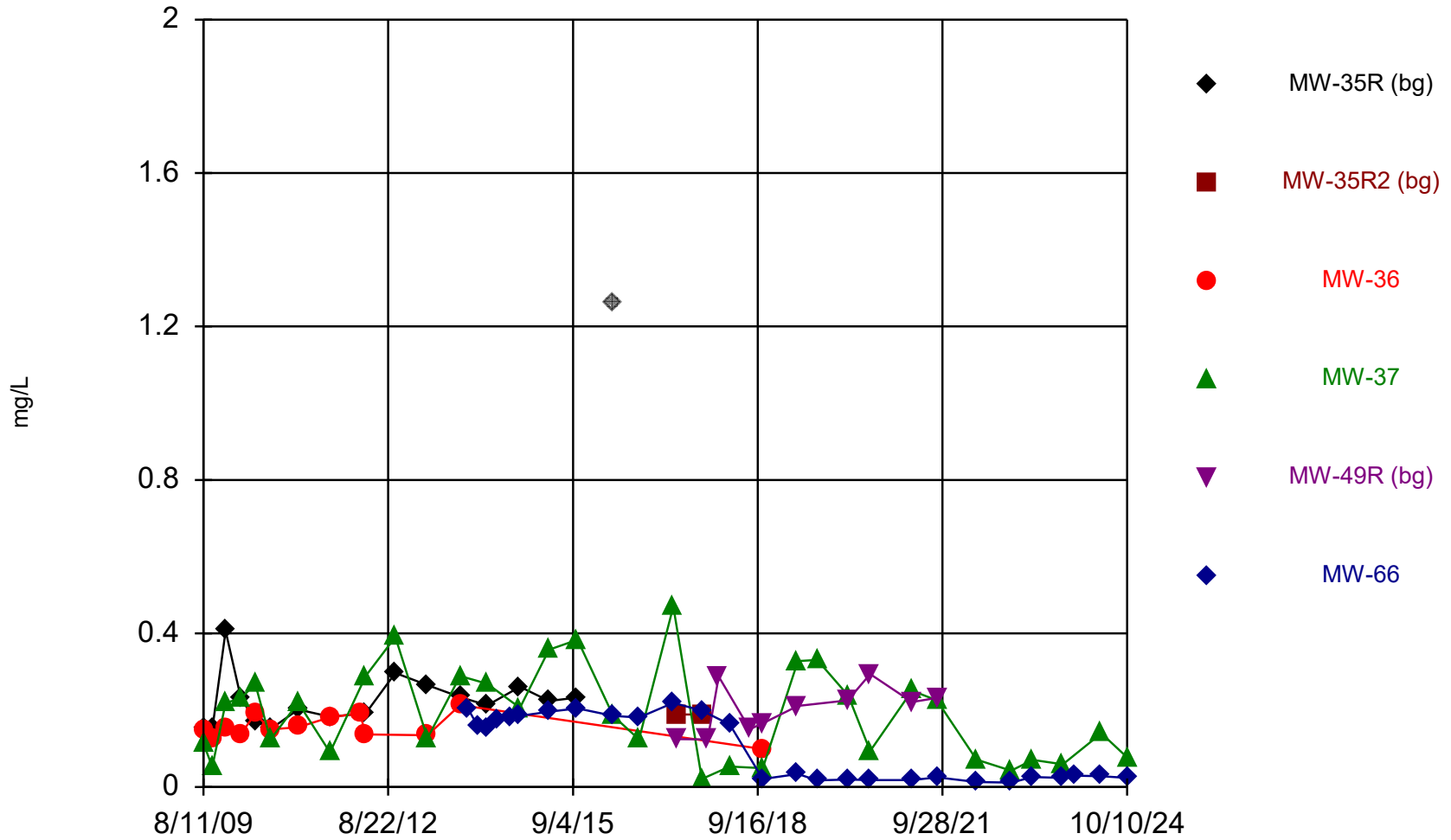
Constituent: Antimony Analysis Run 12/3/2024 1:13 PM View: Former CWTS - Appendix I
 Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE CWTS flat

Time Series



Constituent: Arsenic Analysis Run 12/3/2024 1:13 PM View: Former CWTS - Appendix I
Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE CWTS flat

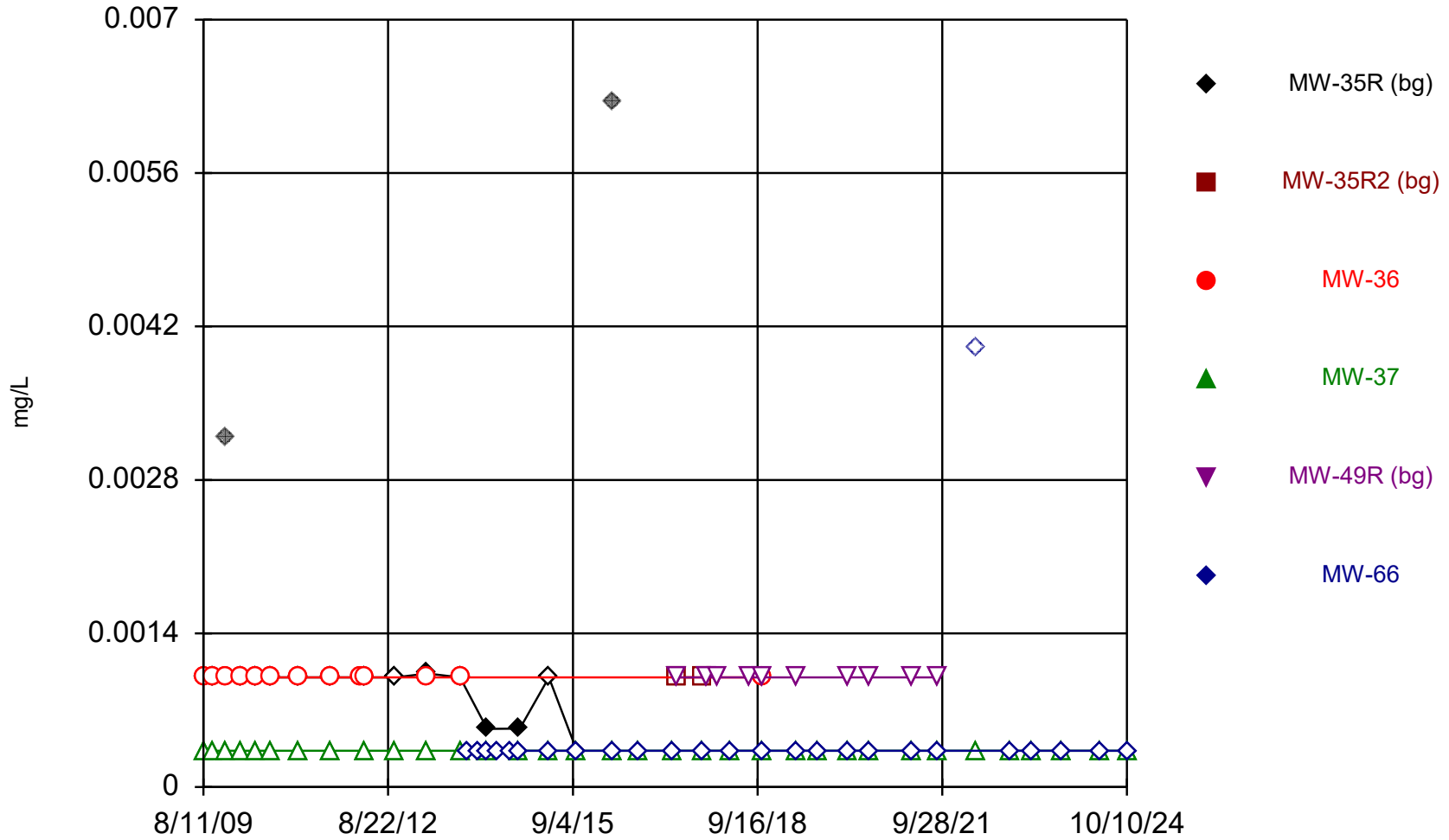
Time Series



Constituent: Barium Analysis Run 12/3/2024 1:13 PM View: Former CWTS - Appendix I

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE CWTS flat

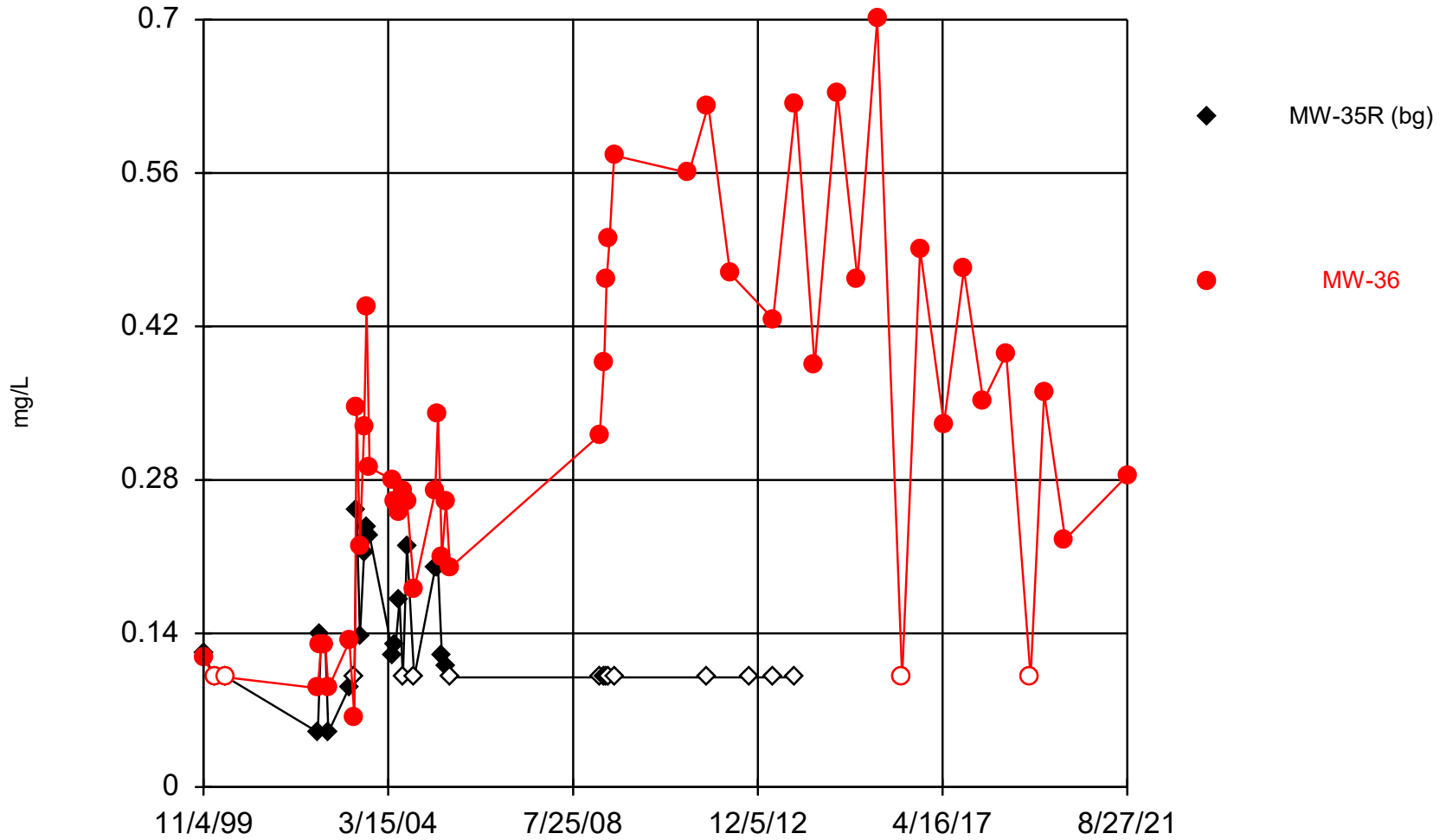
Time Series



Constituent: Beryllium Analysis Run 12/3/2024 1:13 PM View: Former CWTS - Appendix I

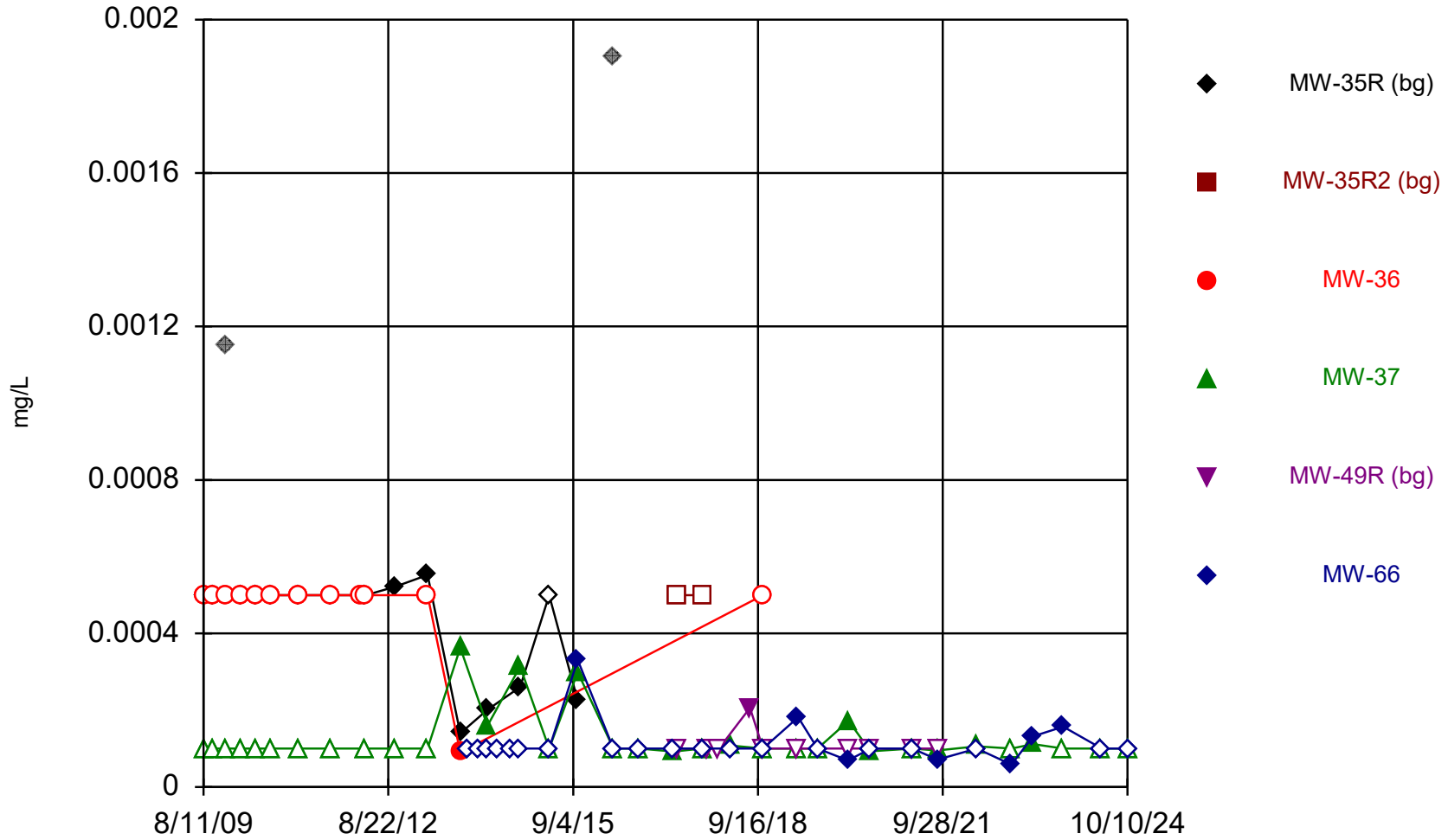
Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE CWTS flat

Time Series



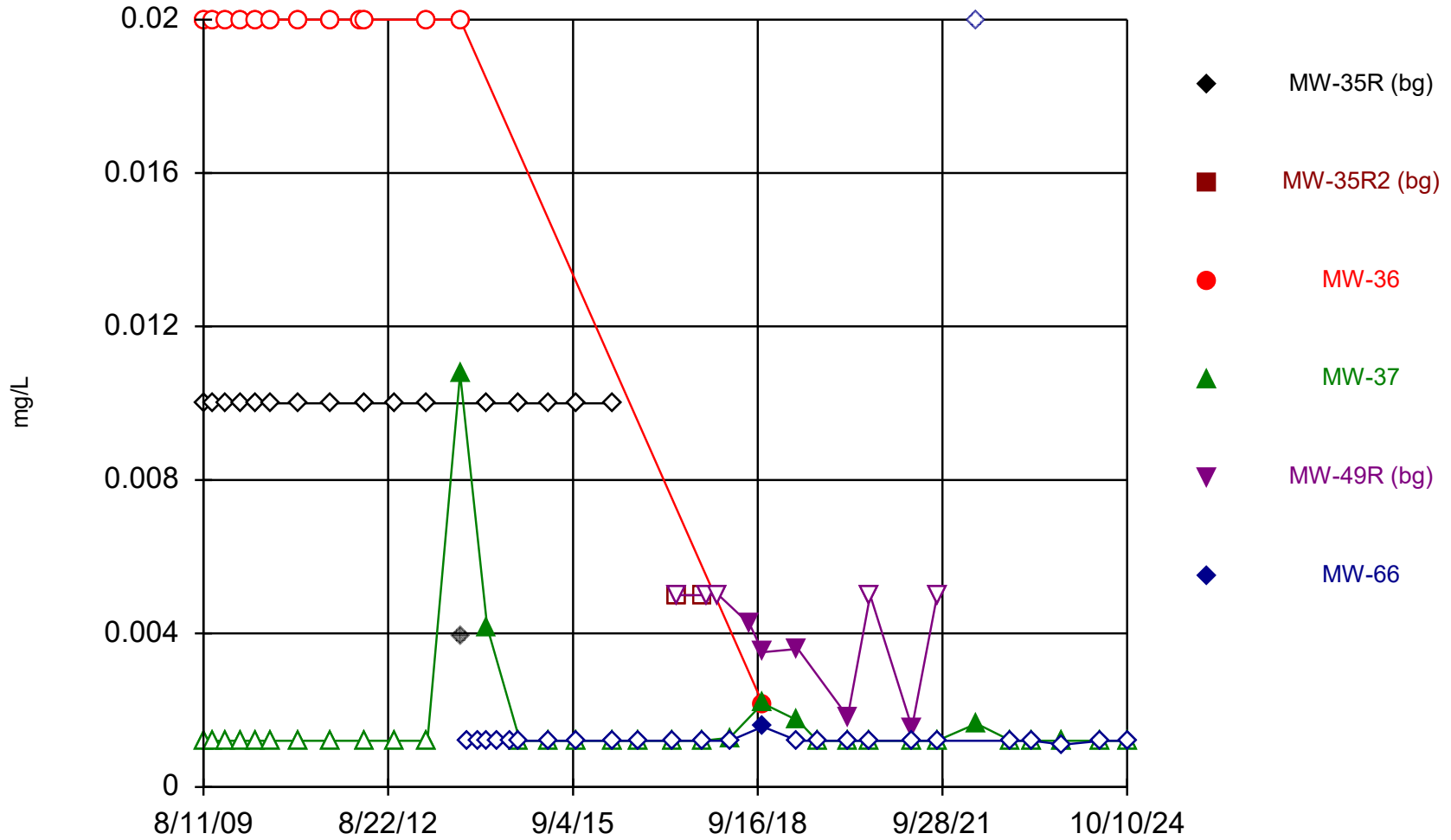
Constituent: Boron Analysis Run 12/3/2024 1:13 PM View: Former CWTS - Appendix I
 Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE CWTS flat

Time Series



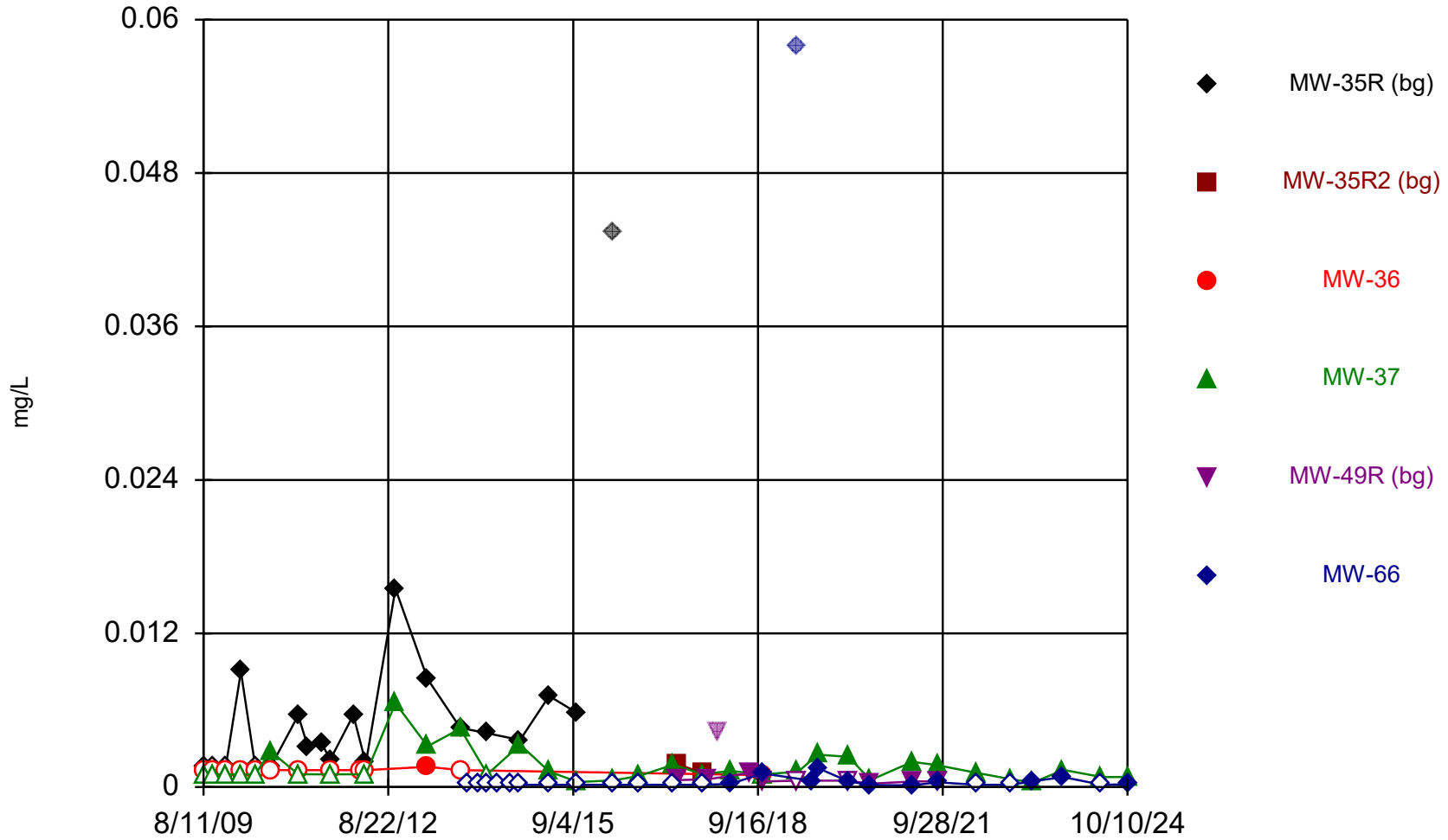
Constituent: Cadmium Analysis Run 12/3/2024 1:13 PM View: Former CWTS - Appendix I
Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE CWTS flat

Time Series



Constituent: Chromium Analysis Run 12/3/2024 1:13 PM View: Former CWTS - Appendix I
 Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE CWTS flat

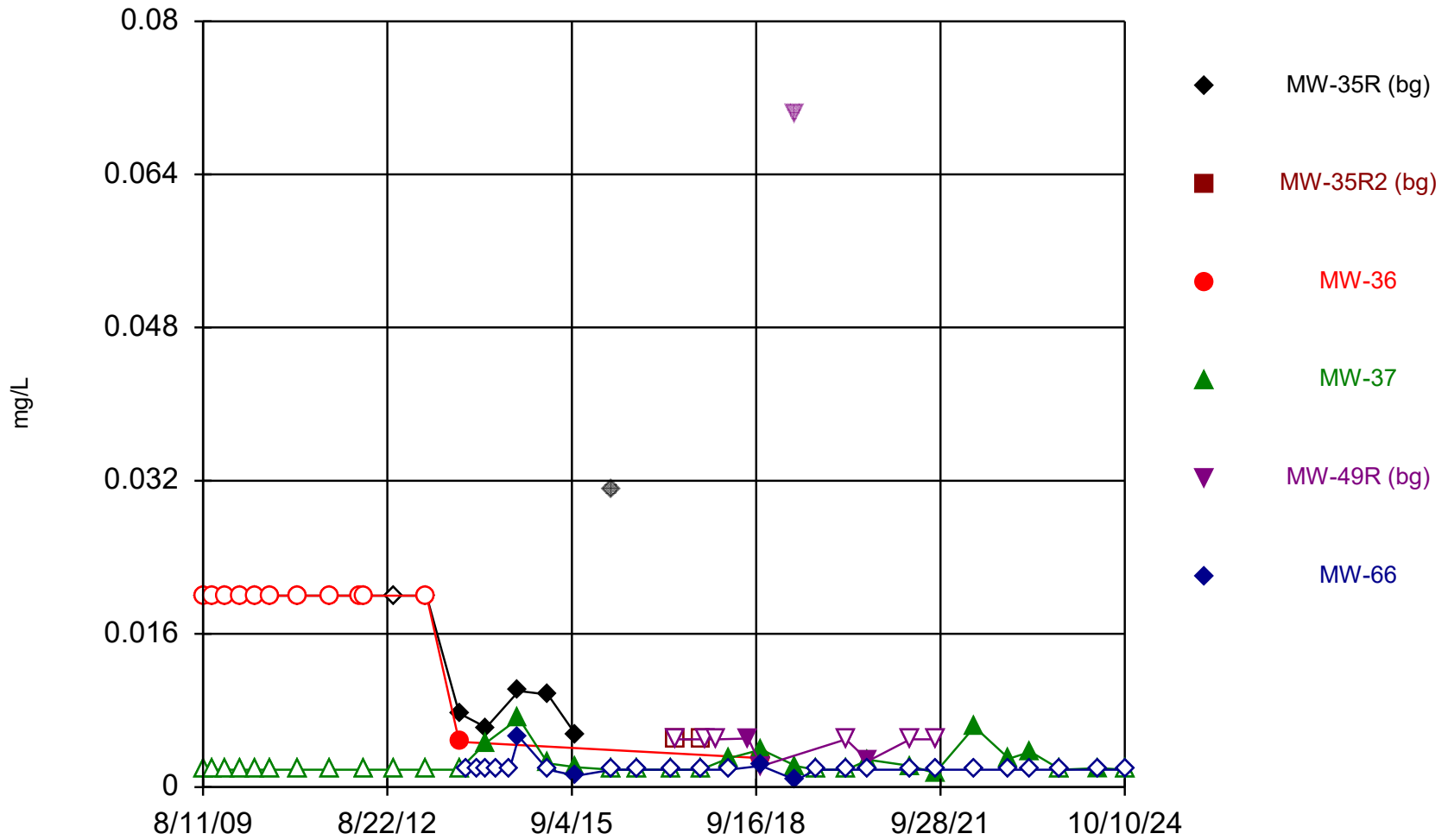
Time Series



Constituent: Cobalt Analysis Run 12/3/2024 1:13 PM View: Former CWTS - Appendix I

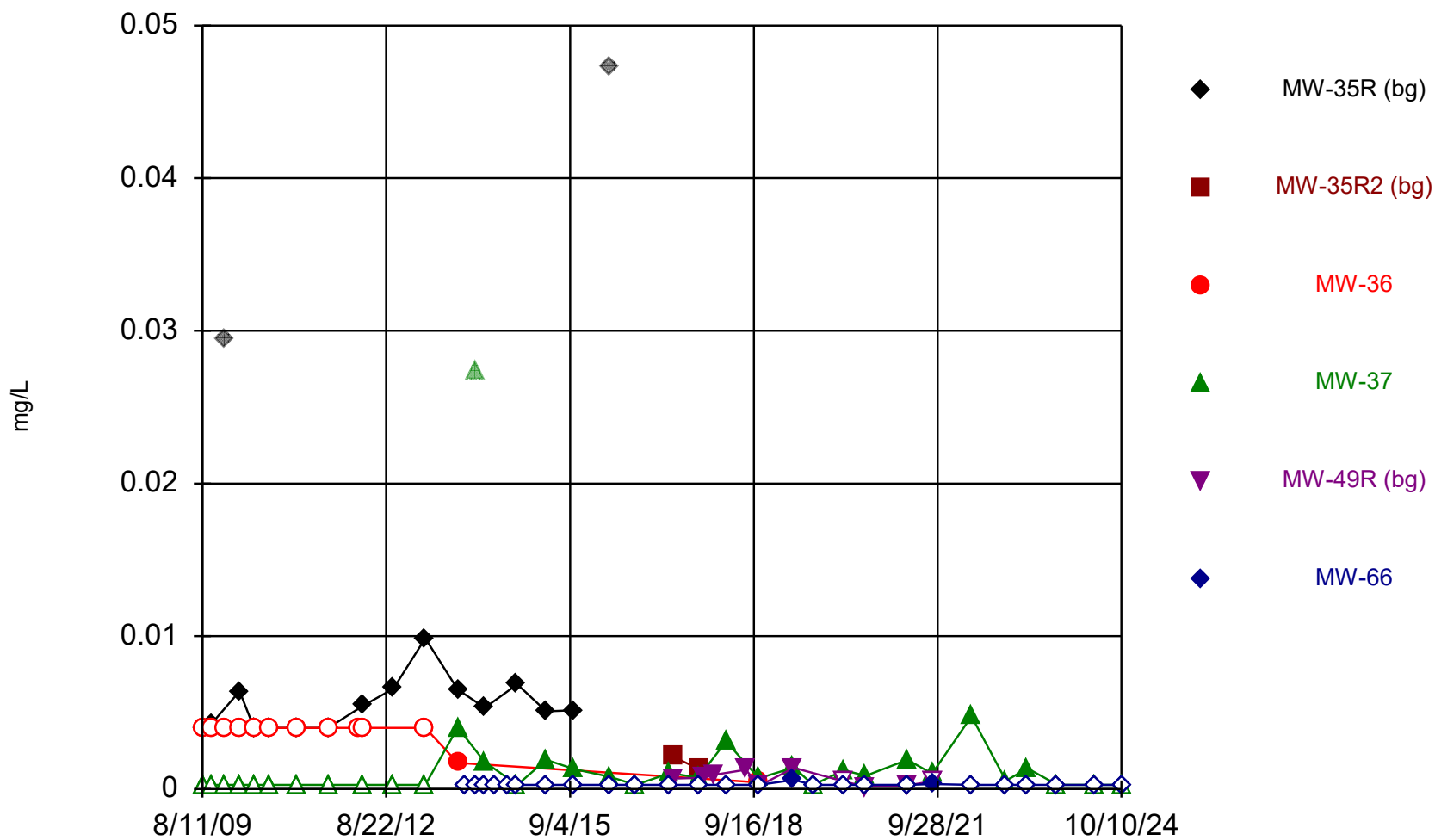
Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE CWTS flat

Time Series



Constituent: Copper Analysis Run 12/3/2024 1:13 PM View: Former CWTS - Appendix I
Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE CWTS flat

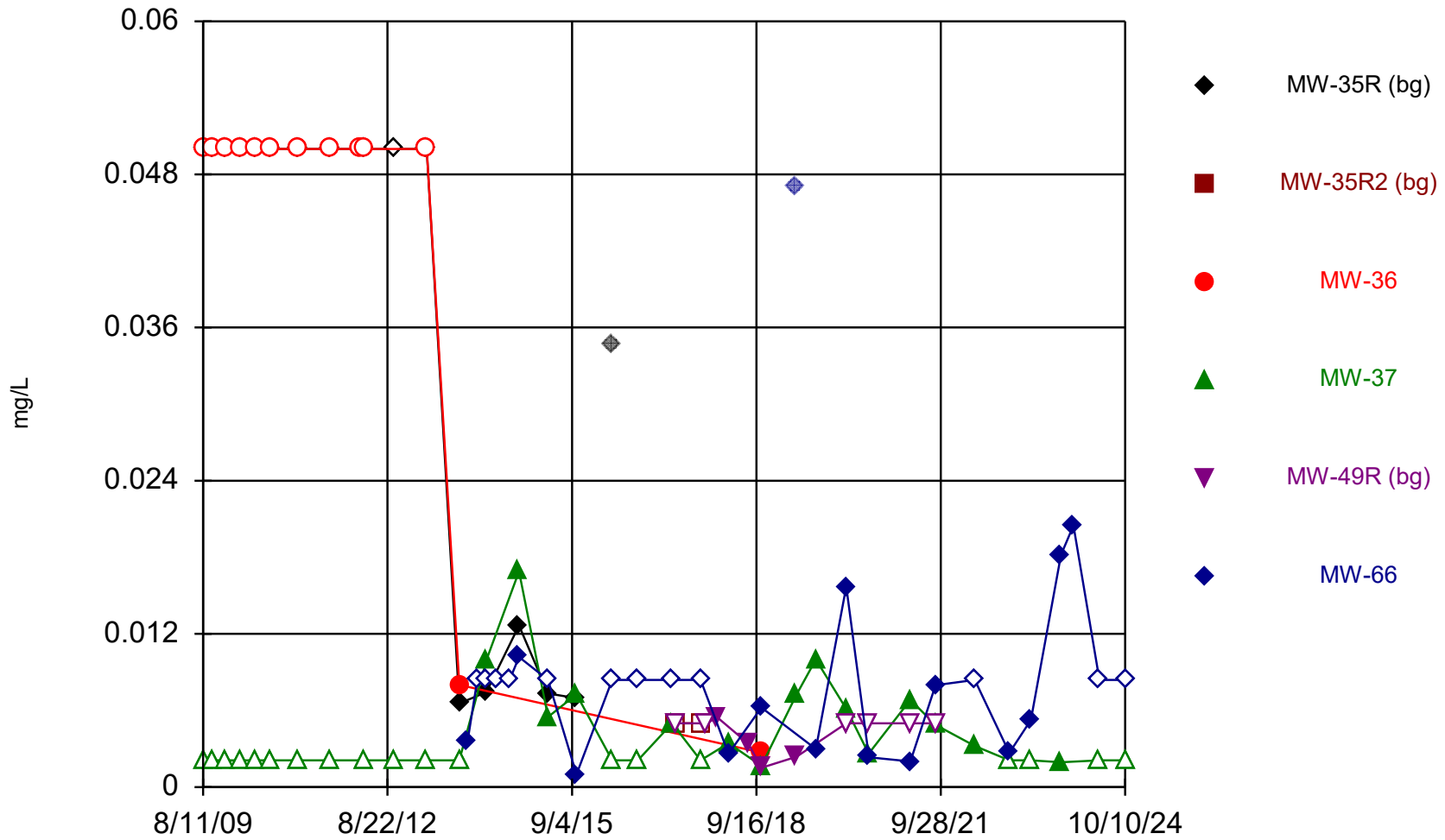
Time Series



Constituent: Lead Analysis Run 12/3/2024 1:13 PM View: Former CWTS - Appendix I

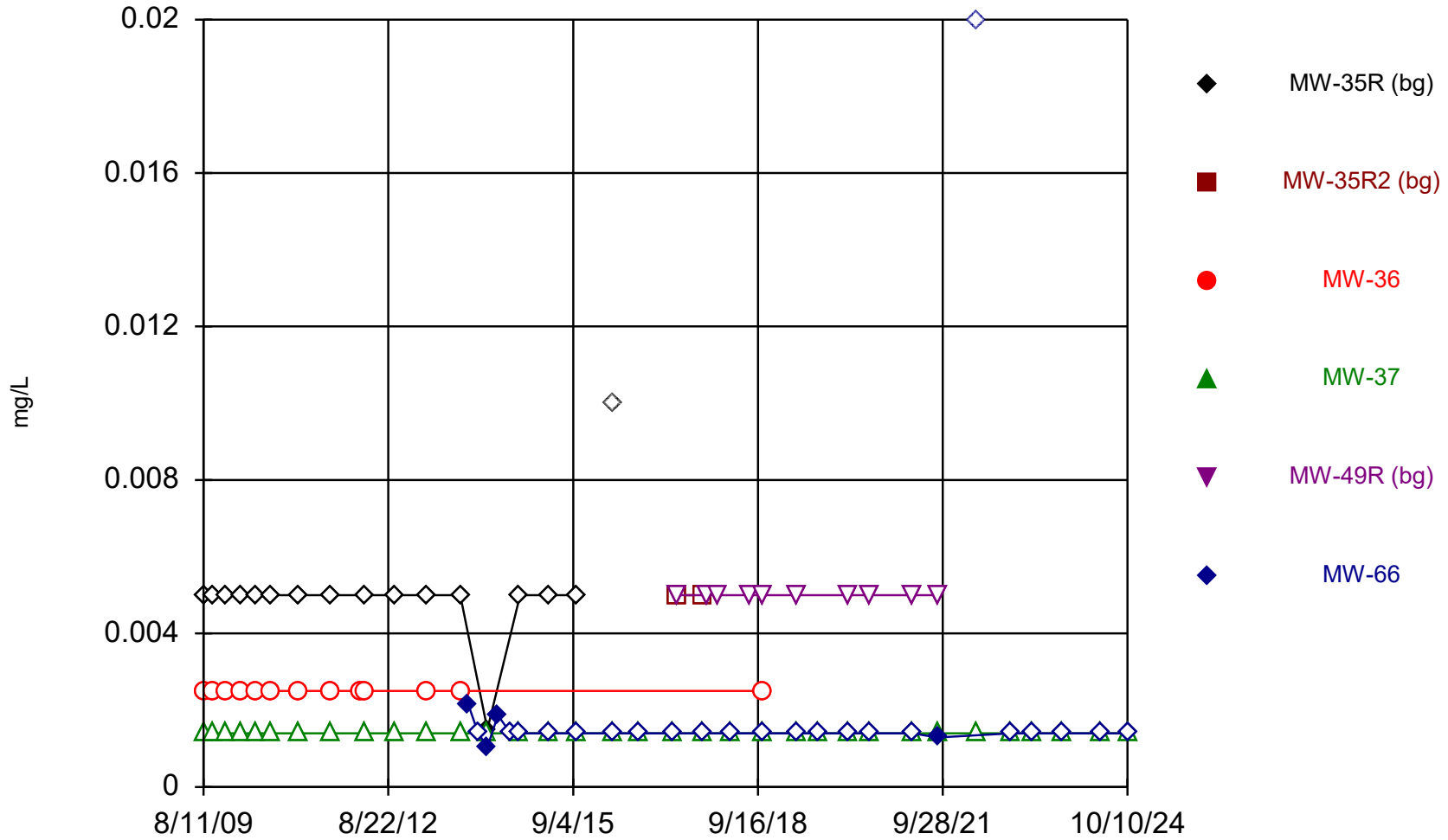
Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE CWTS flat

Time Series



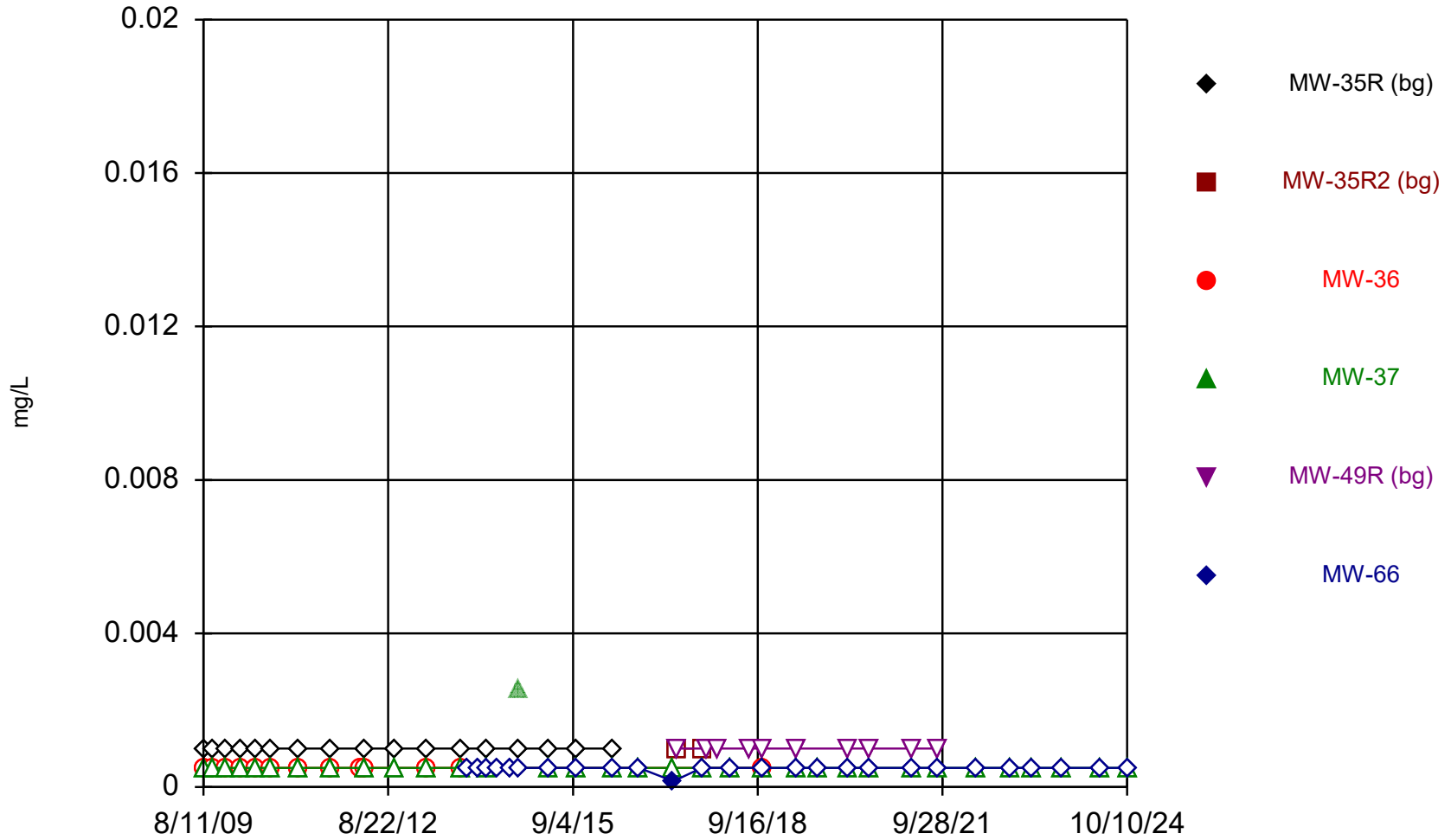
Constituent: Nickel Analysis Run 12/3/2024 1:13 PM View: Former CWTS - Appendix I
Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE CWTS flat

Time Series



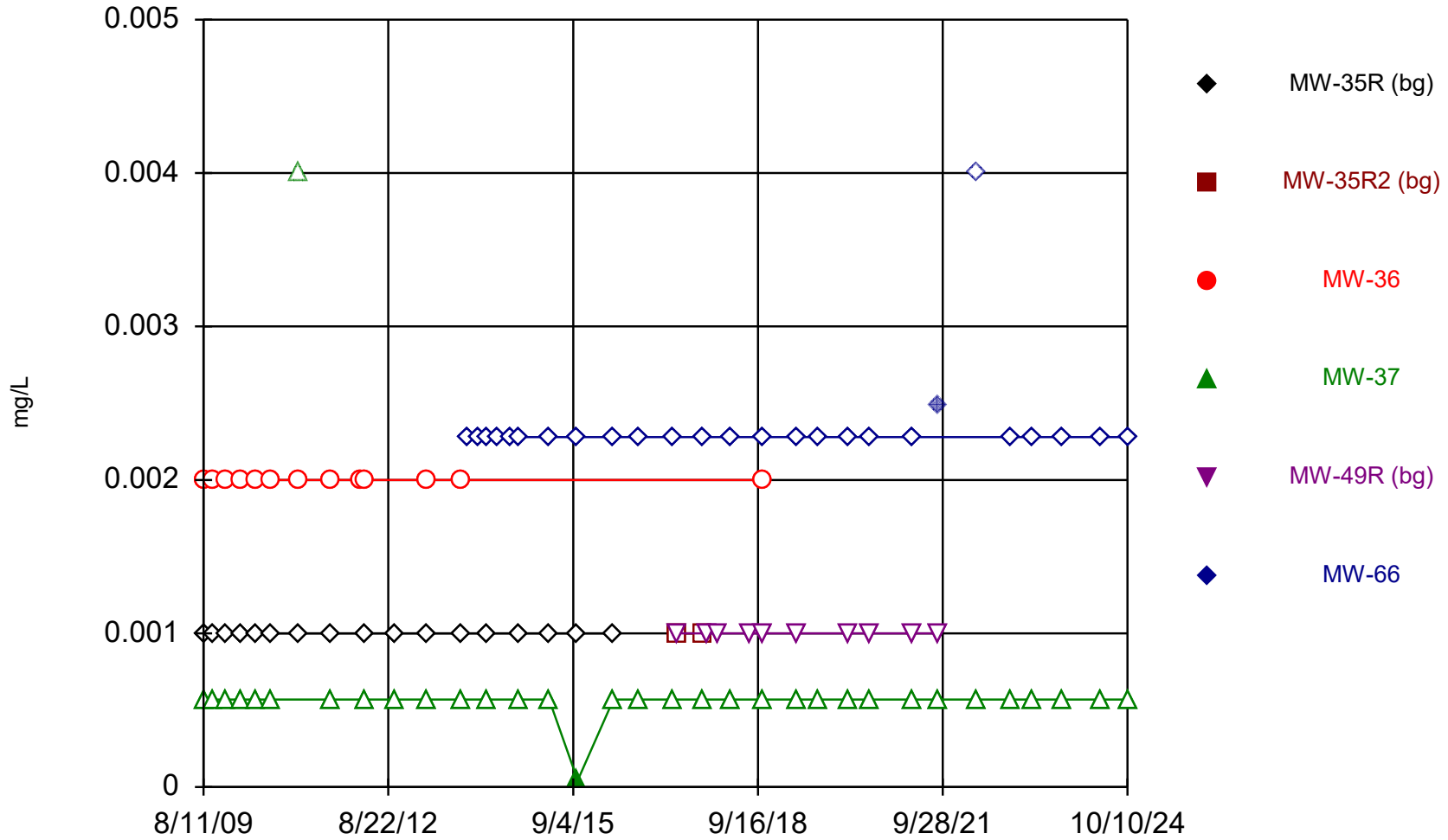
Constituent: Selenium Analysis Run 12/3/2024 1:13 PM View: Former CWTS - Appendix I
Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE CWTS flat

Time Series



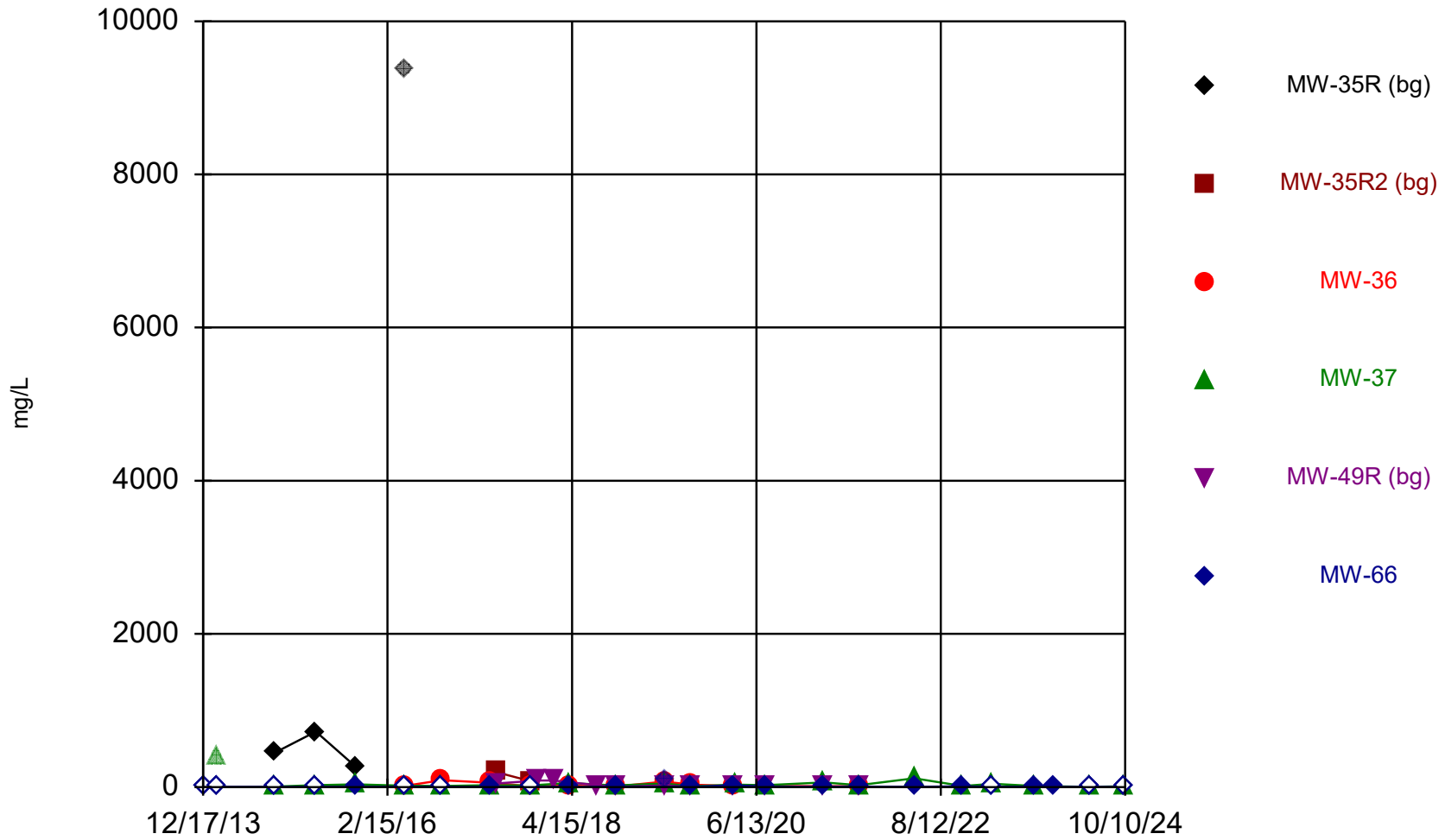
Constituent: Silver Analysis Run 12/3/2024 1:13 PM View: Former CWTS - Appendix I
Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE CWTS flat

Time Series



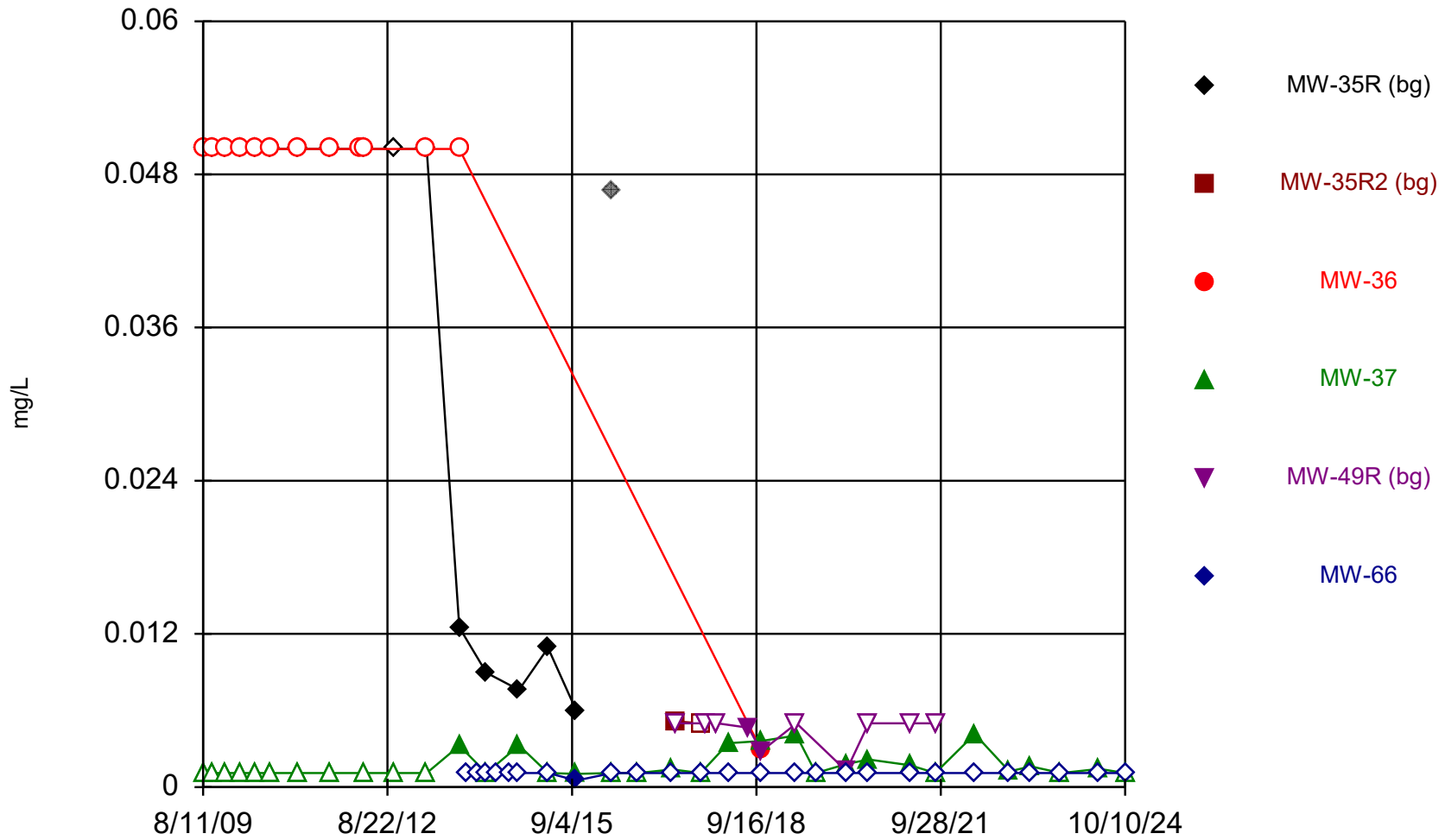
Constituent: Thallium Analysis Run 12/3/2024 1:13 PM View: Former CWTS - Appendix I
Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE CWTS flat

Time Series



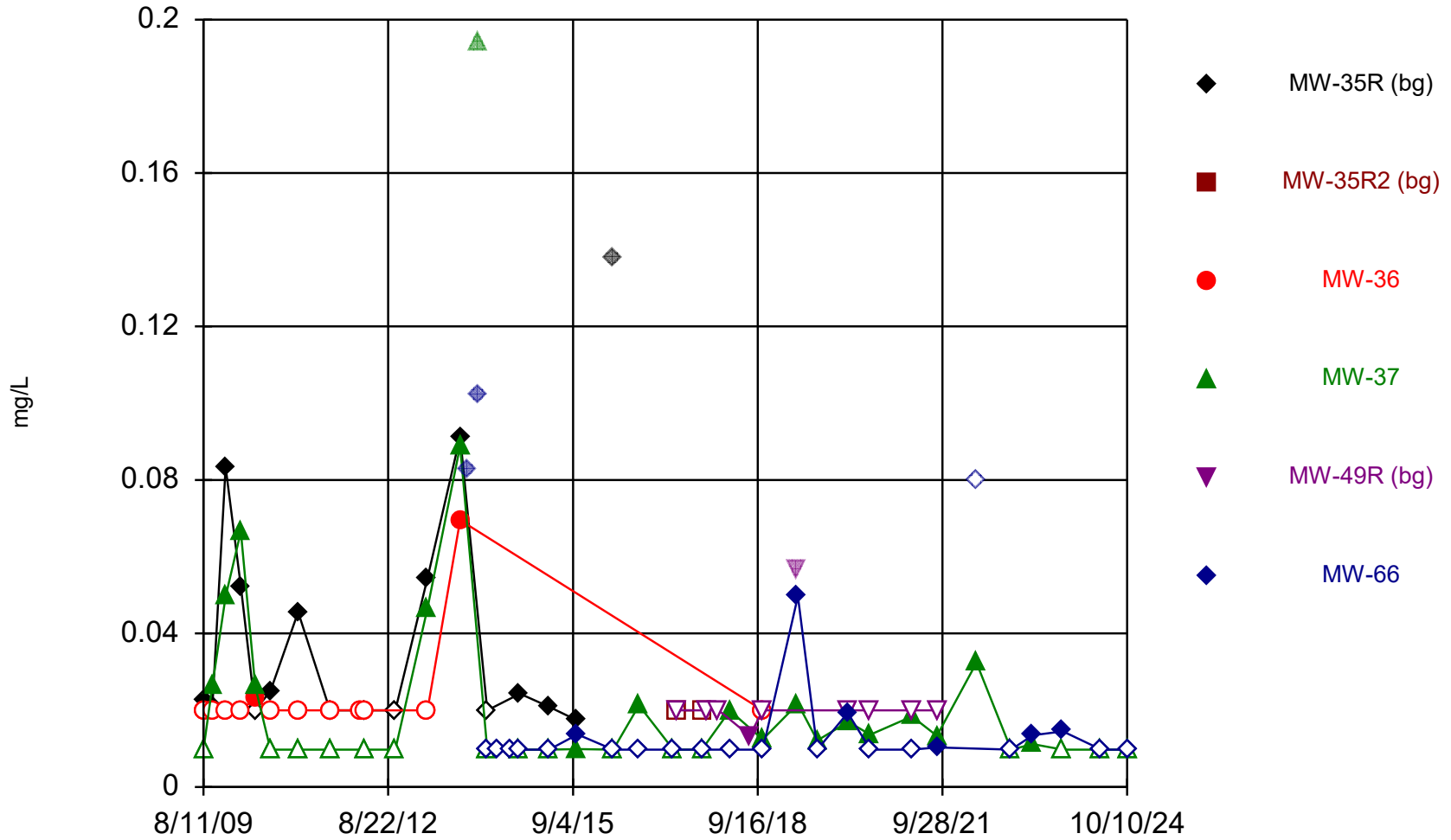
Constituent: Total Suspended Solids Analysis Run 12/3/2024 1:13 PM View: Former CWTS - Appendix I
Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE CWTS flat

Time Series



Constituent: Vanadium Analysis Run 12/3/2024 1:13 PM View: Former CWTS - Appendix I
Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE CWTS flat

Time Series



Constituent: Zinc Analysis Run 12/3/2024 1:13 PM View: Former CWTS - Appendix I
Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE CWTS flat



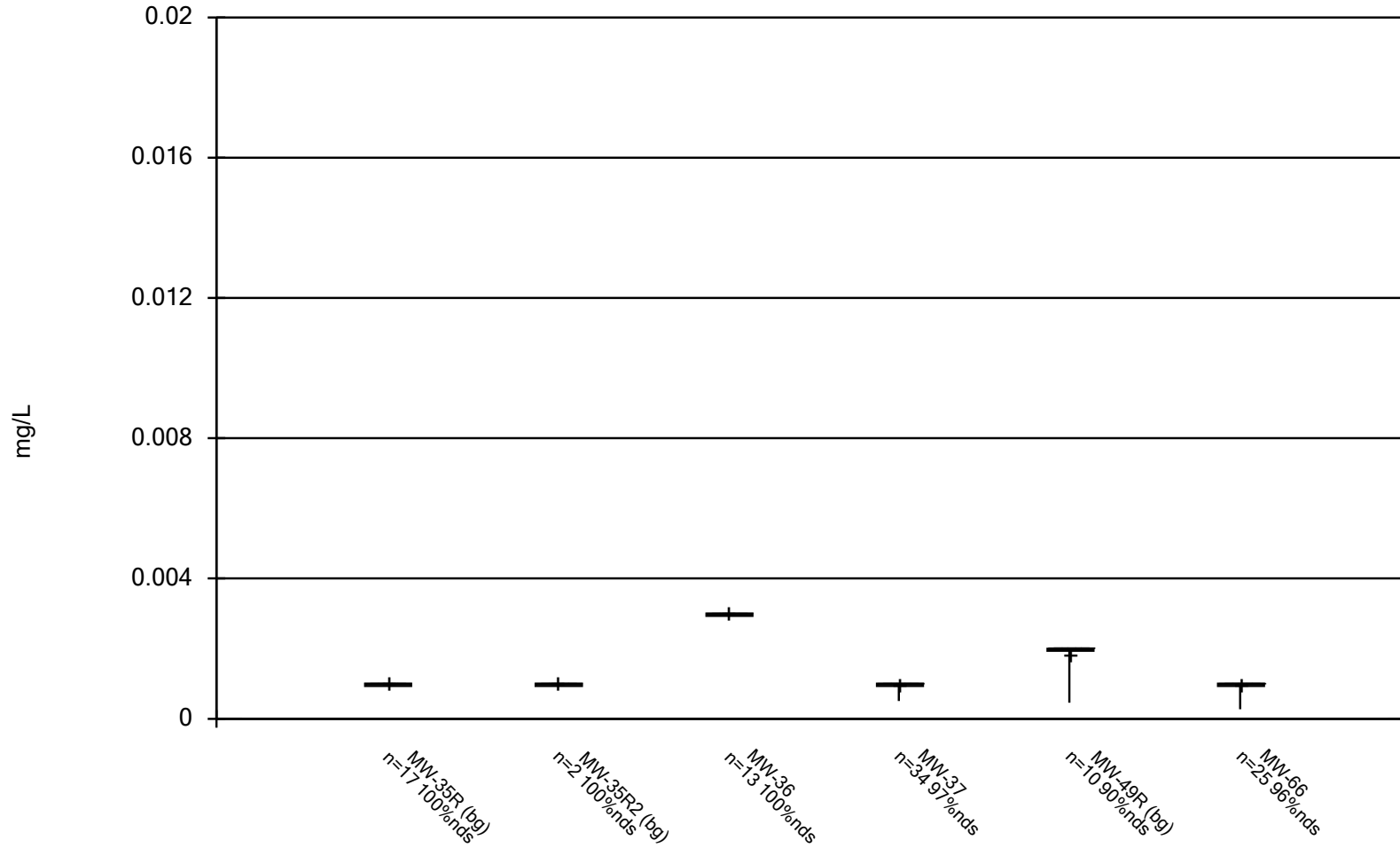
CWTS - Metals

Box & Whisker Plots



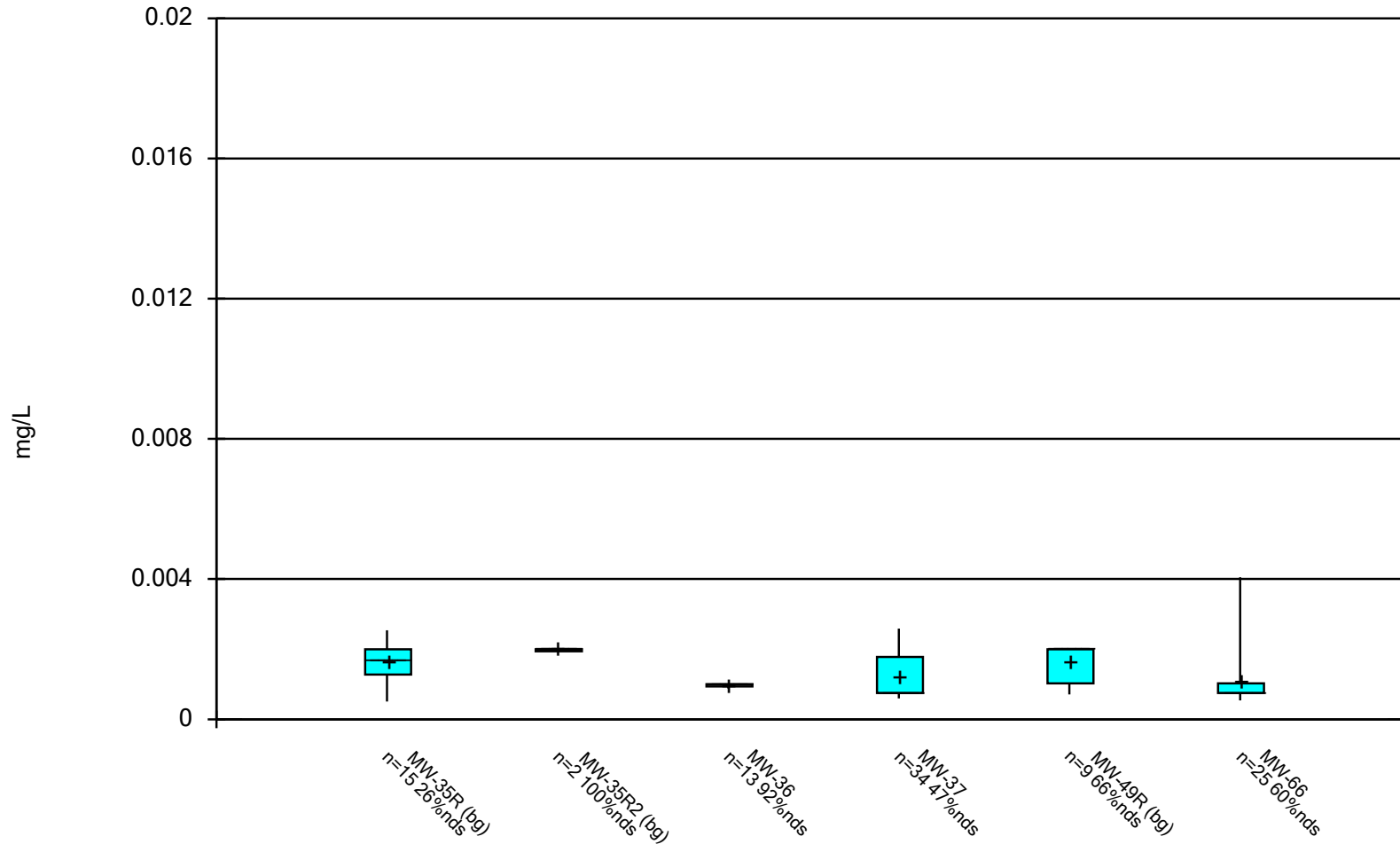
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Box & Whiskers Plot



Constituent: Antimony Analysis Run 12/3/2024 1:15 PM View: Former CWTS - Appendix I
Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE CWTS flat

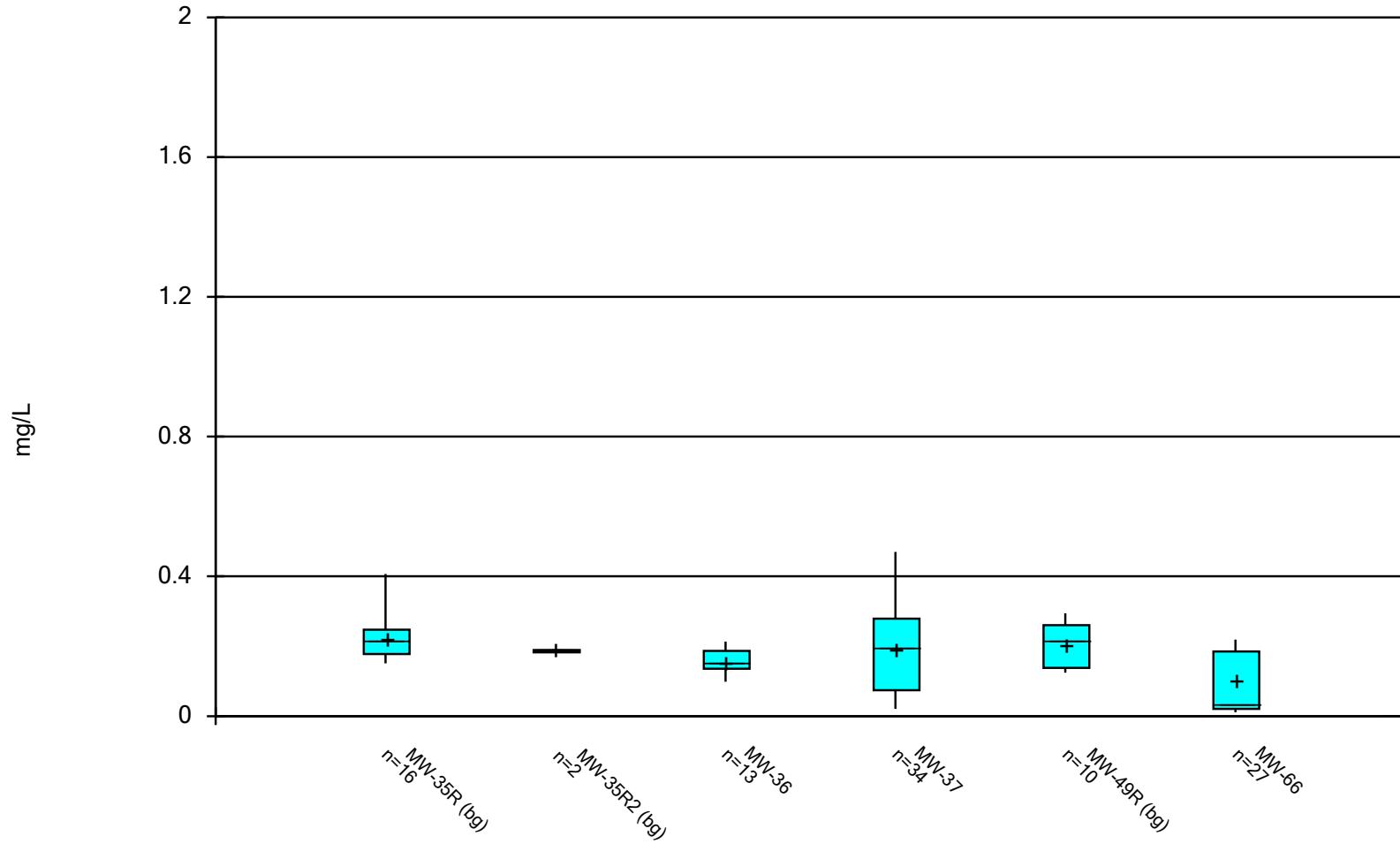
Box & Whiskers Plot



Constituent: Arsenic Analysis Run 12/3/2024 1:15 PM View: Former CWTS - Appendix I

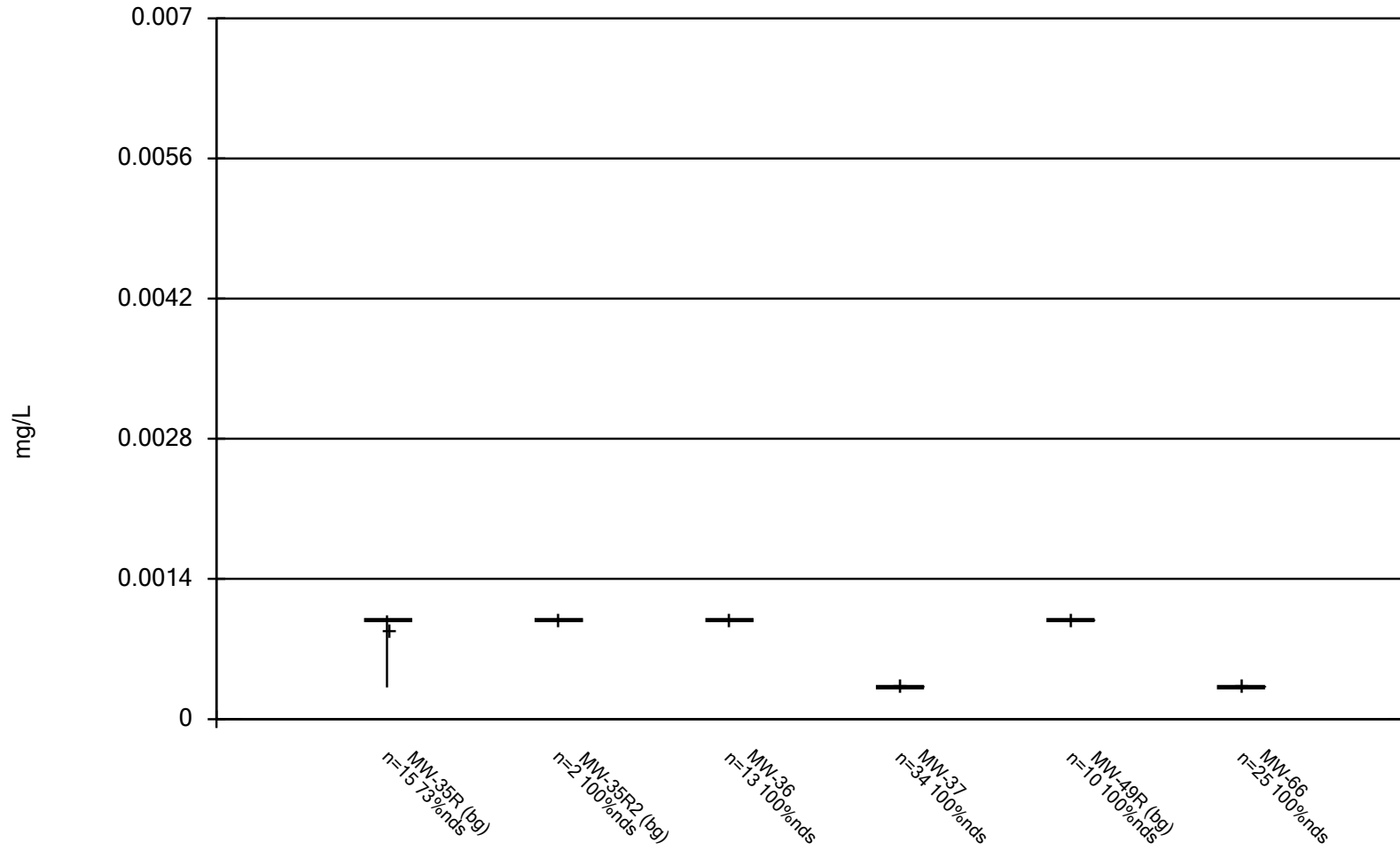
Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE CWTS flat

Box & Whiskers Plot



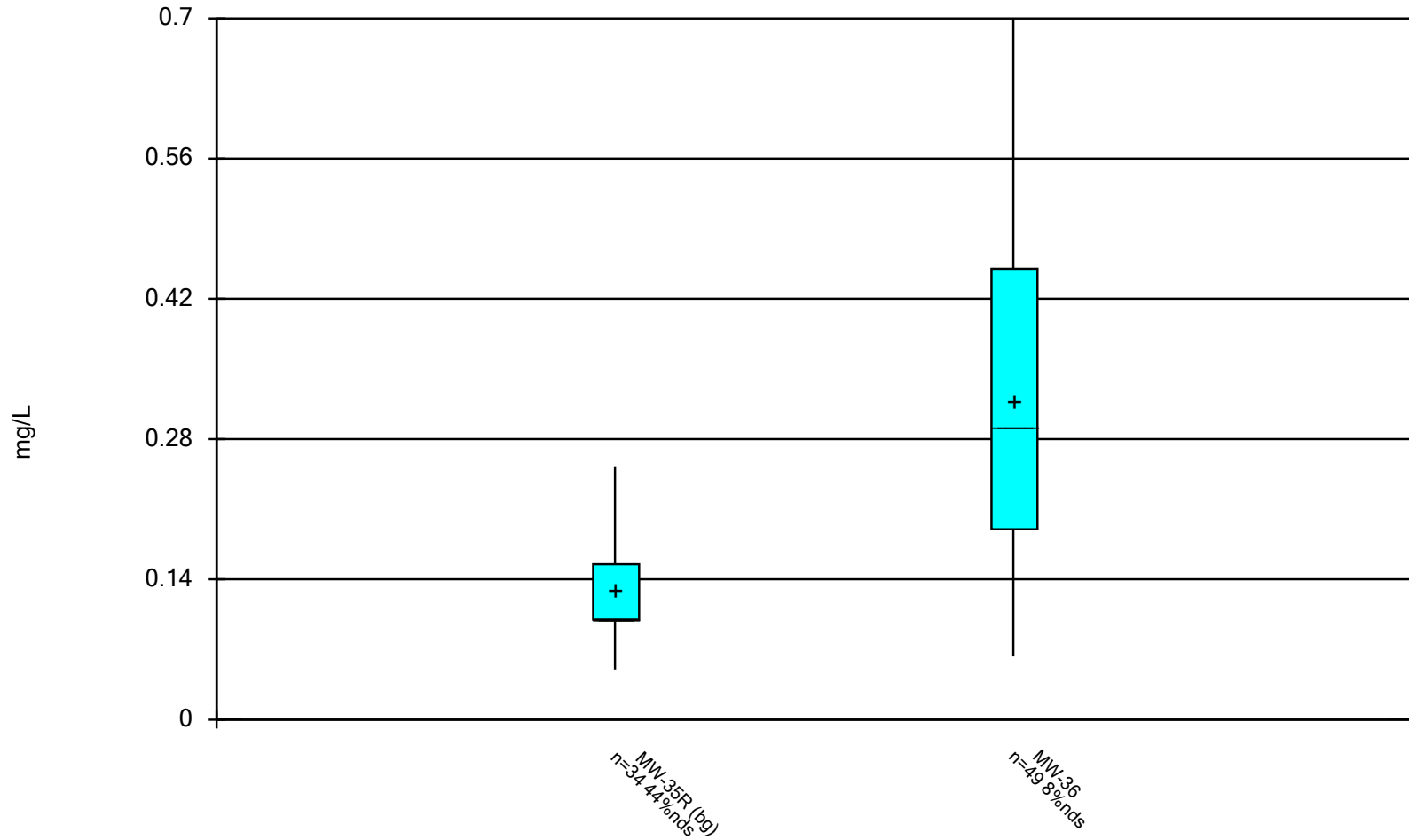
Constituent: Barium Analysis Run 12/3/2024 1:15 PM View: Former CWTS - Appendix I
Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE CWTS flat

Box & Whiskers Plot



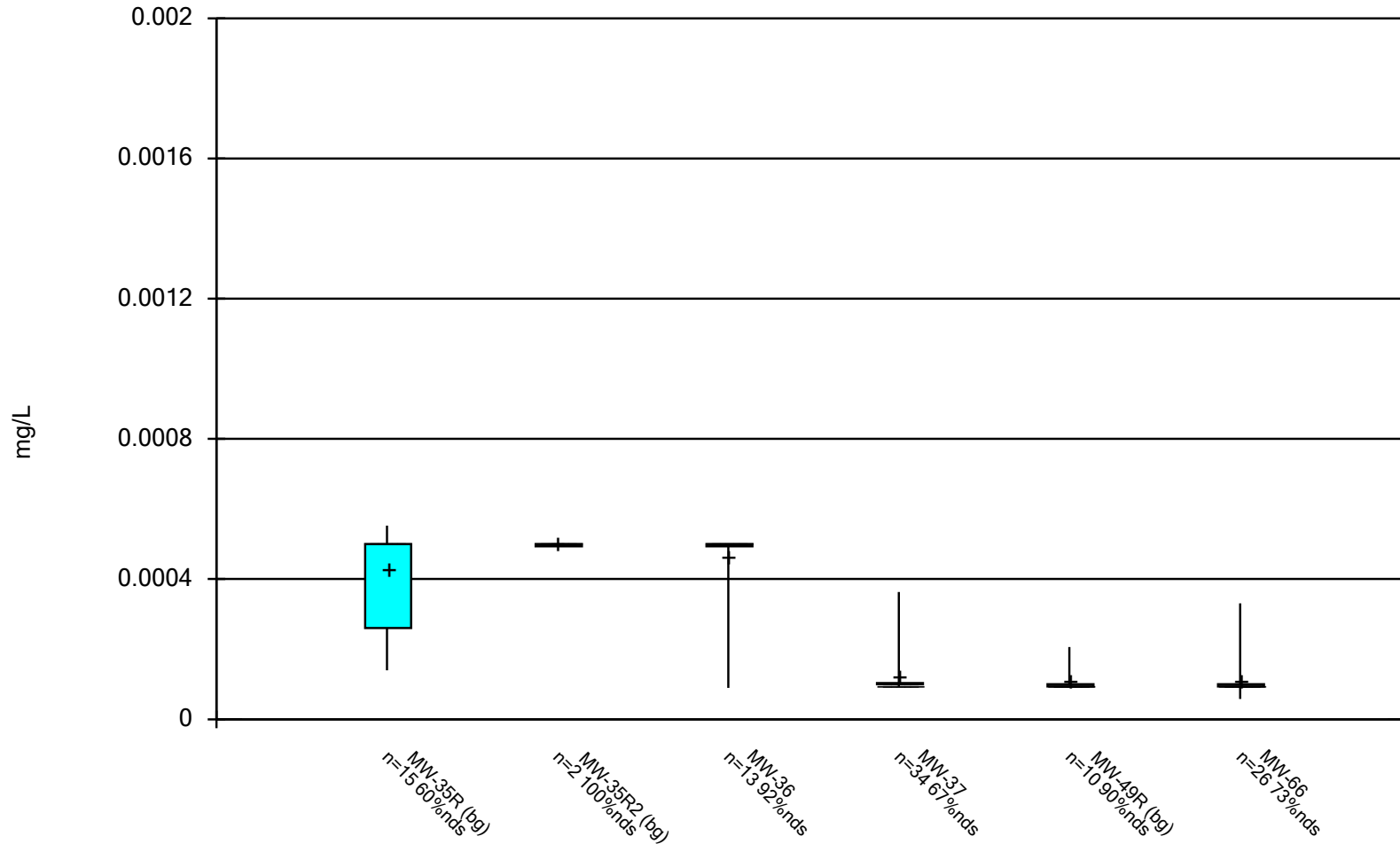
Constituent: Beryllium Analysis Run 12/3/2024 1:15 PM View: Former CWTS - Appendix I
Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE CWTS flat

Box & Whiskers Plot



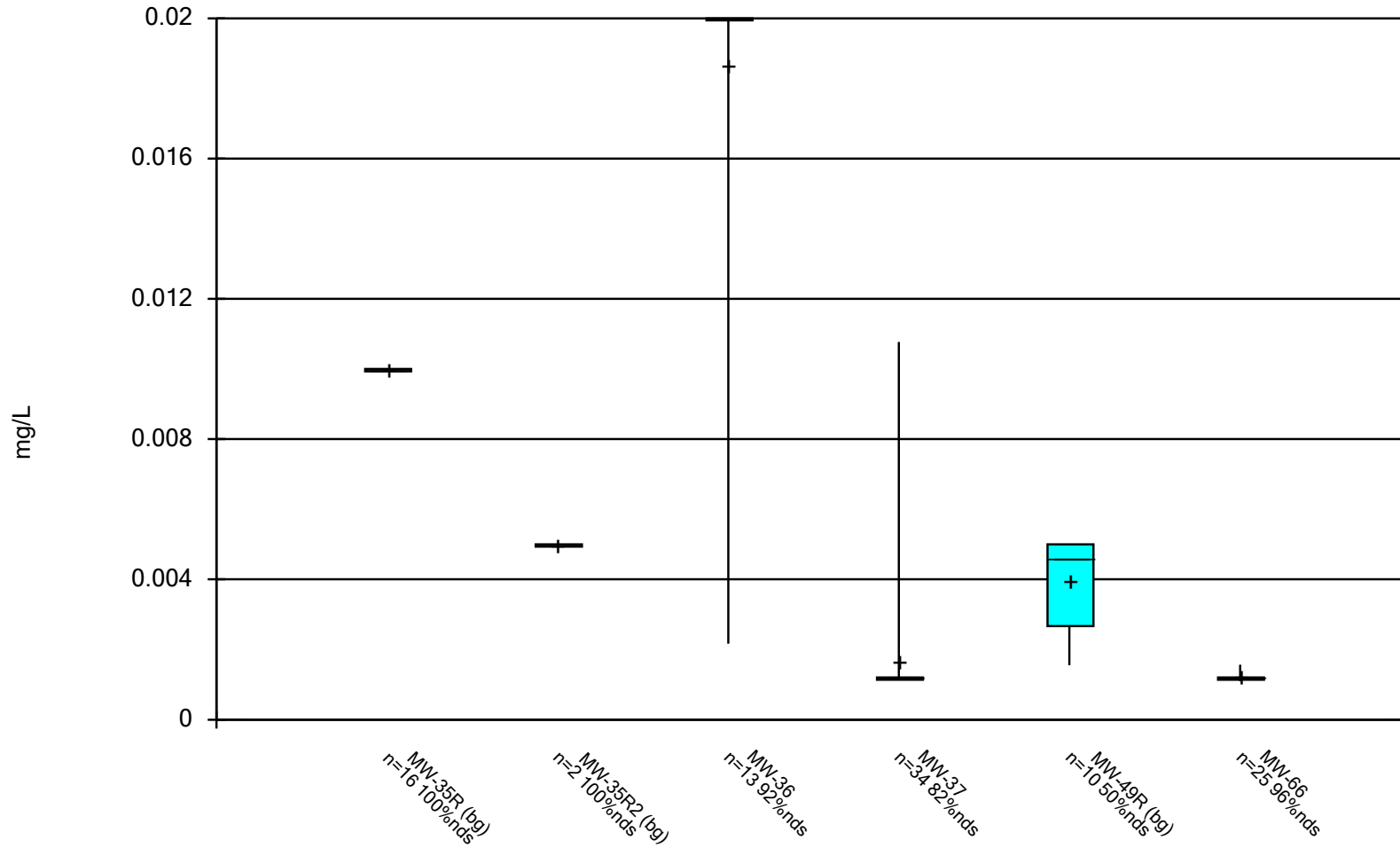
Constituent: Boron Analysis Run 12/3/2024 1:15 PM View: Former CWTS - Appendix I
Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE CWTS flat

Box & Whiskers Plot



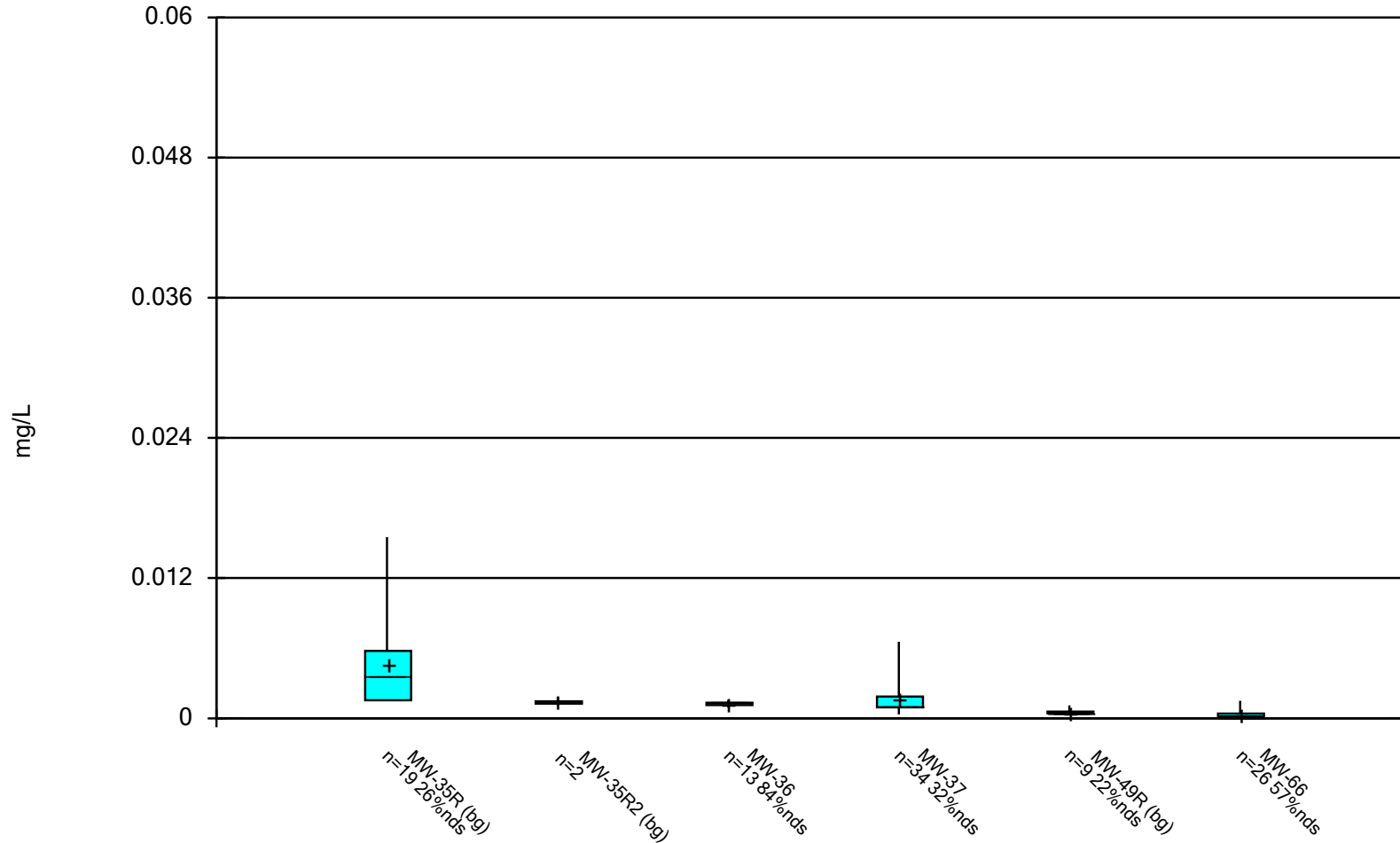
Constituent: Cadmium Analysis Run 12/3/2024 1:15 PM View: Former CWTS - Appendix I
Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE CWTS flat

Box & Whiskers Plot



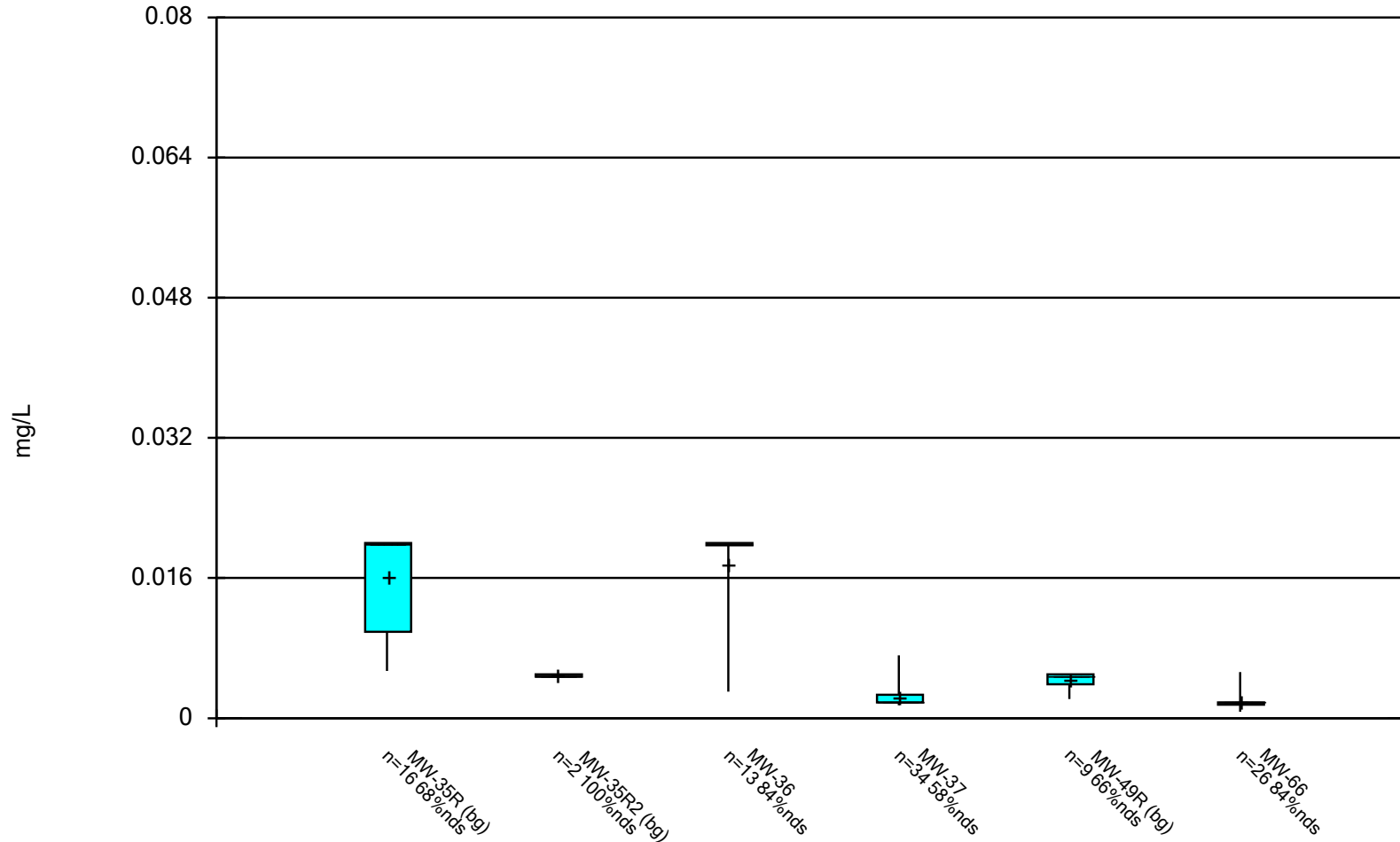
Constituent: Chromium Analysis Run 12/3/2024 1:15 PM View: Former CWTS - Appendix I
Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE CWTS flat

Box & Whiskers Plot



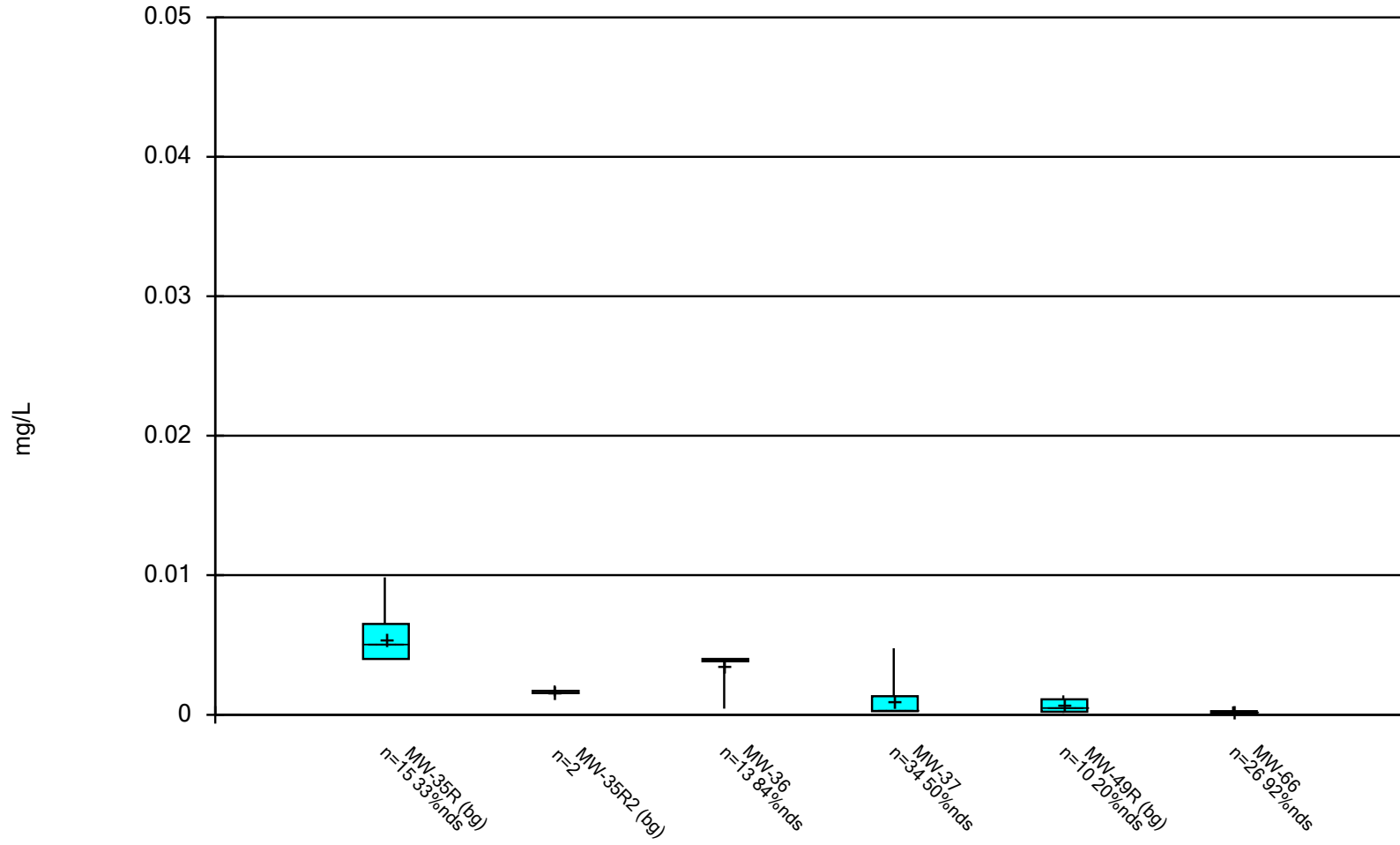
Constituent: Cobalt Analysis Run 12/3/2024 1:15 PM View: Former CWTS - Appendix I
Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE CWTS flat

Box & Whiskers Plot



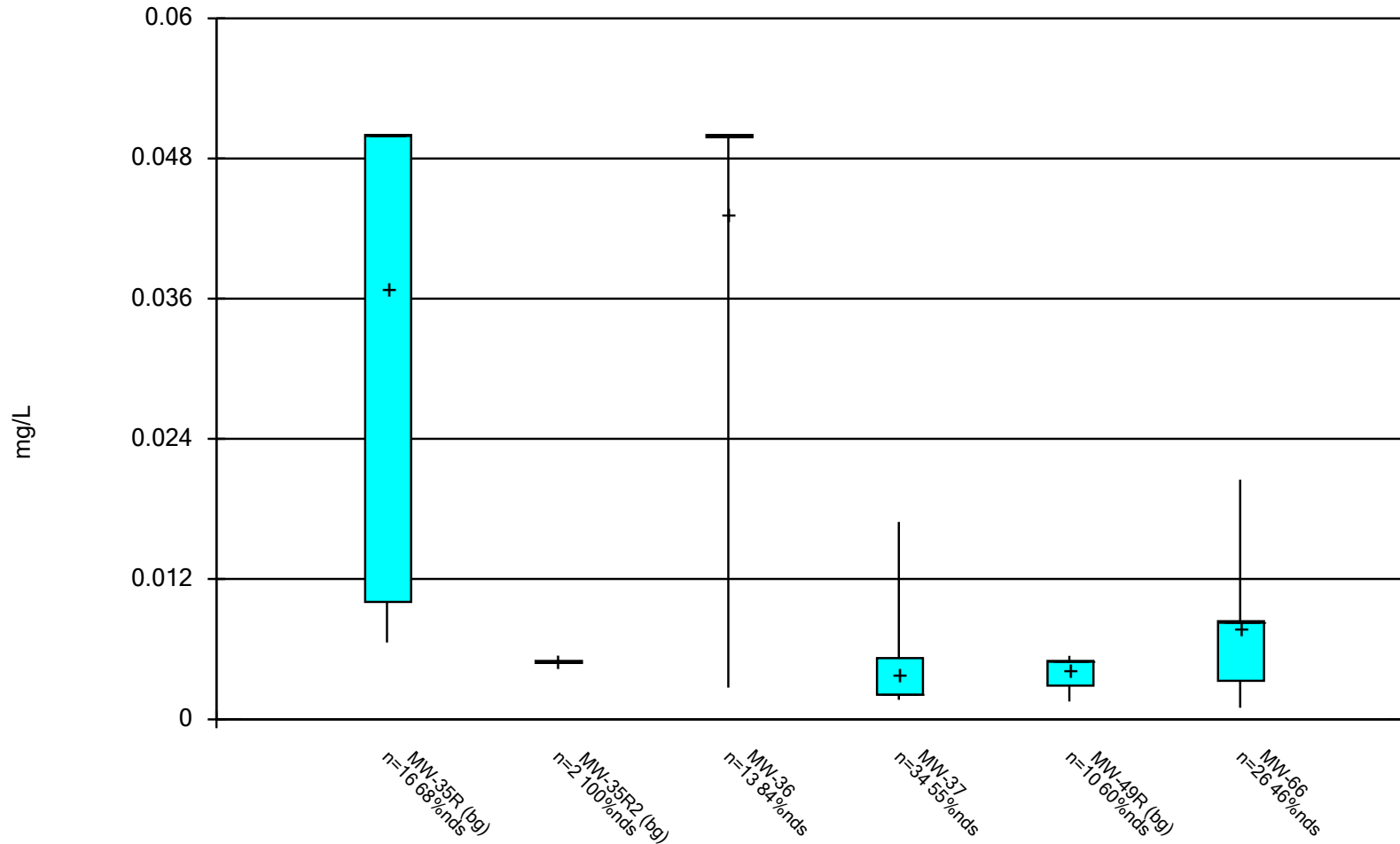
Constituent: Copper Analysis Run 12/3/2024 1:15 PM View: Former CWTS - Appendix I
Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE CWTS flat

Box & Whiskers Plot



Constituent: Lead Analysis Run 12/3/2024 1:15 PM View: Former CWTS - Appendix I
Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE CWTS flat

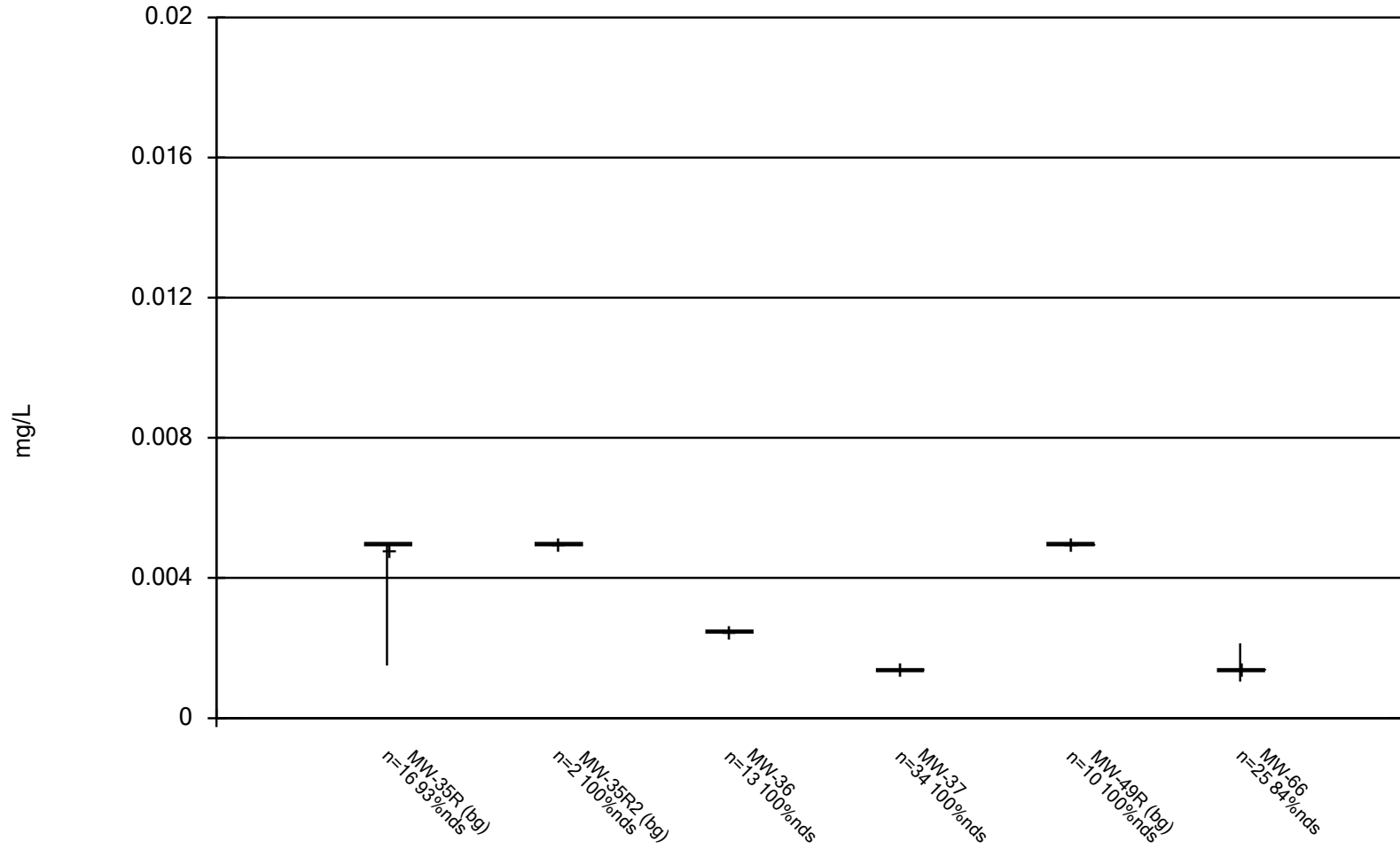
Box & Whiskers Plot



Constituent: Nickel Analysis Run 12/3/2024 1:15 PM View: Former CWTS - Appendix I

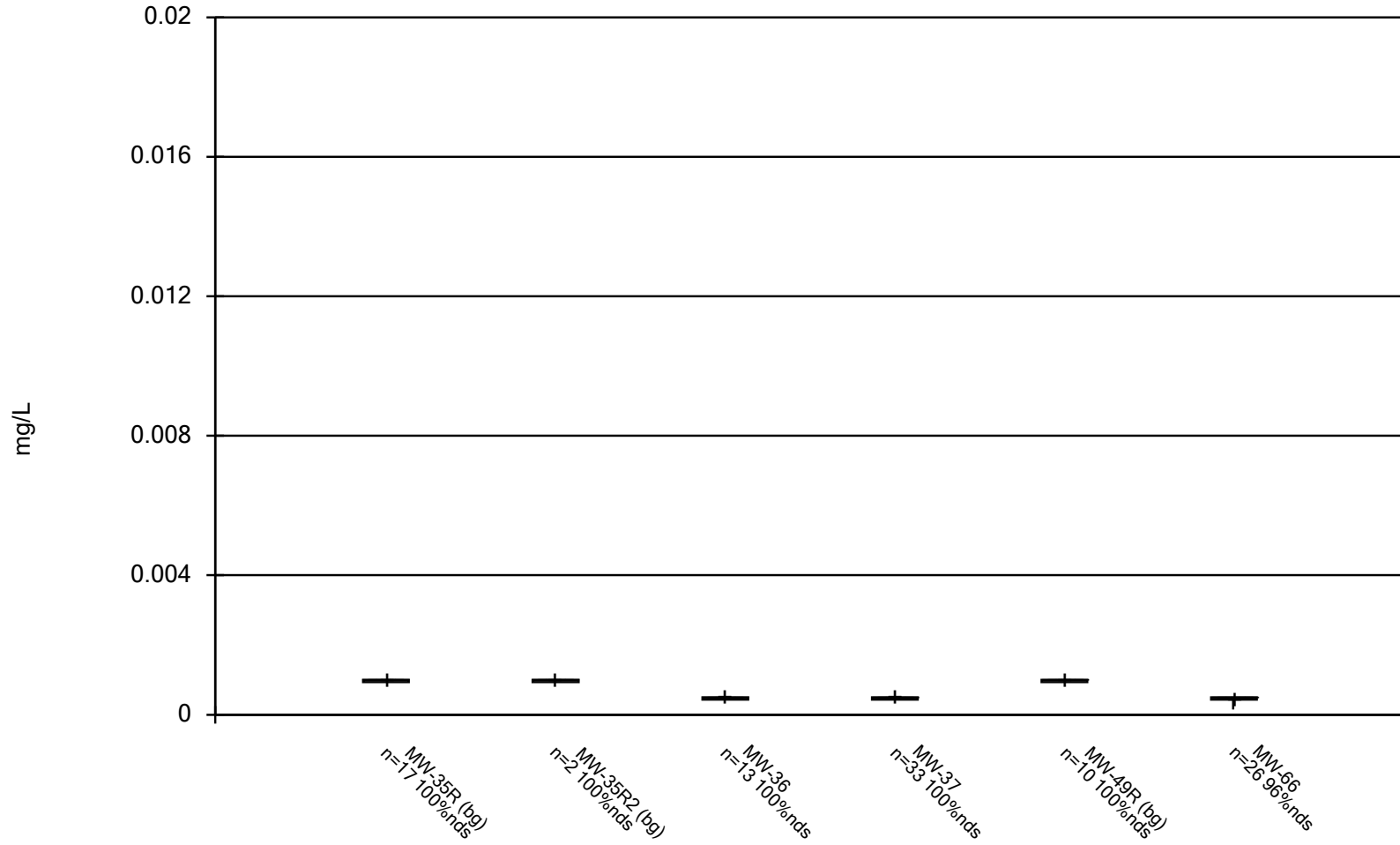
Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE CWTS flat

Box & Whiskers Plot



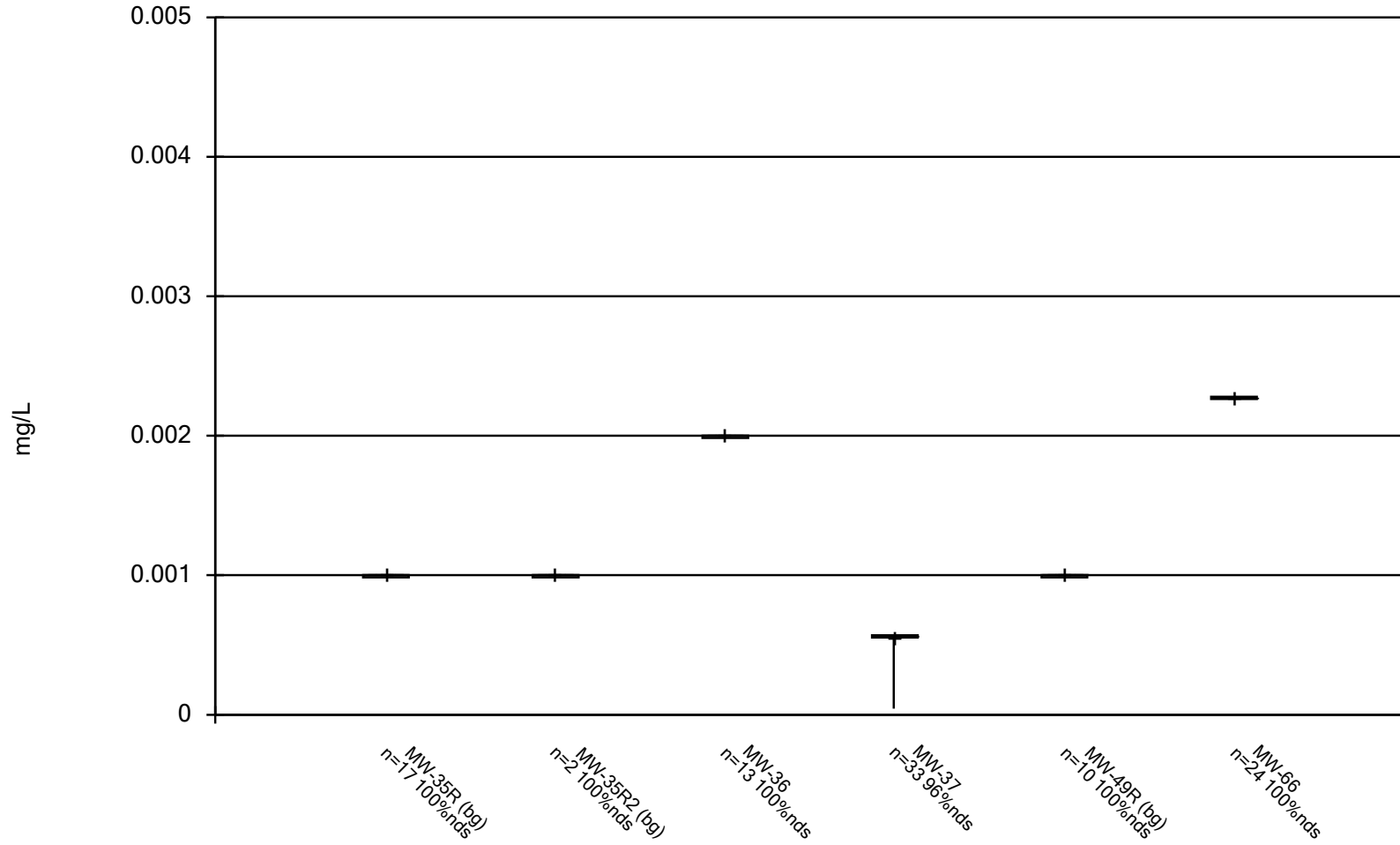
Constituent: Selenium Analysis Run 12/3/2024 1:15 PM View: Former CWTS - Appendix I
Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE CWTS flat

Box & Whiskers Plot



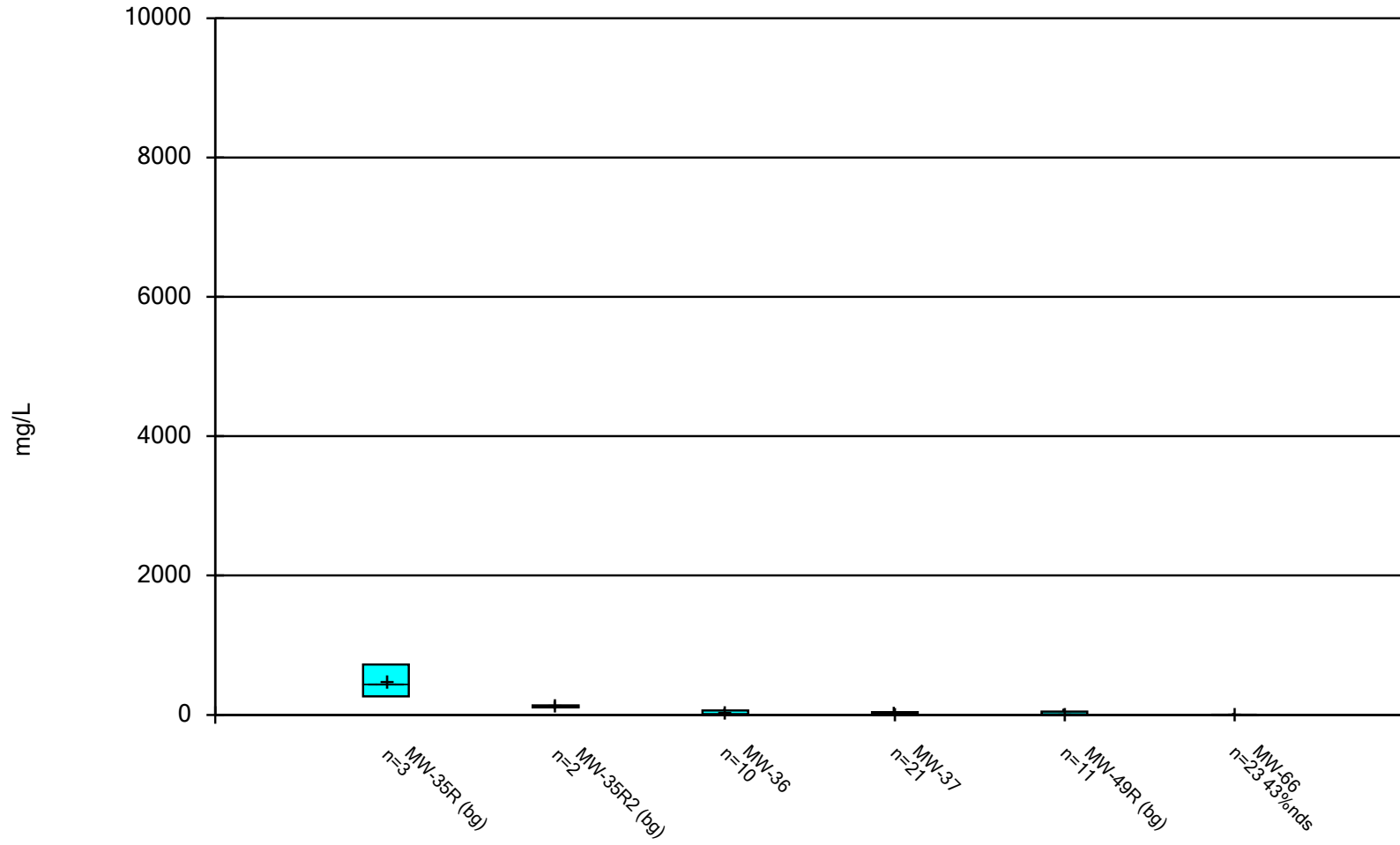
Constituent: Silver Analysis Run 12/3/2024 1:16 PM View: Former CWTS - Appendix I
Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE CWTS flat

Box & Whiskers Plot



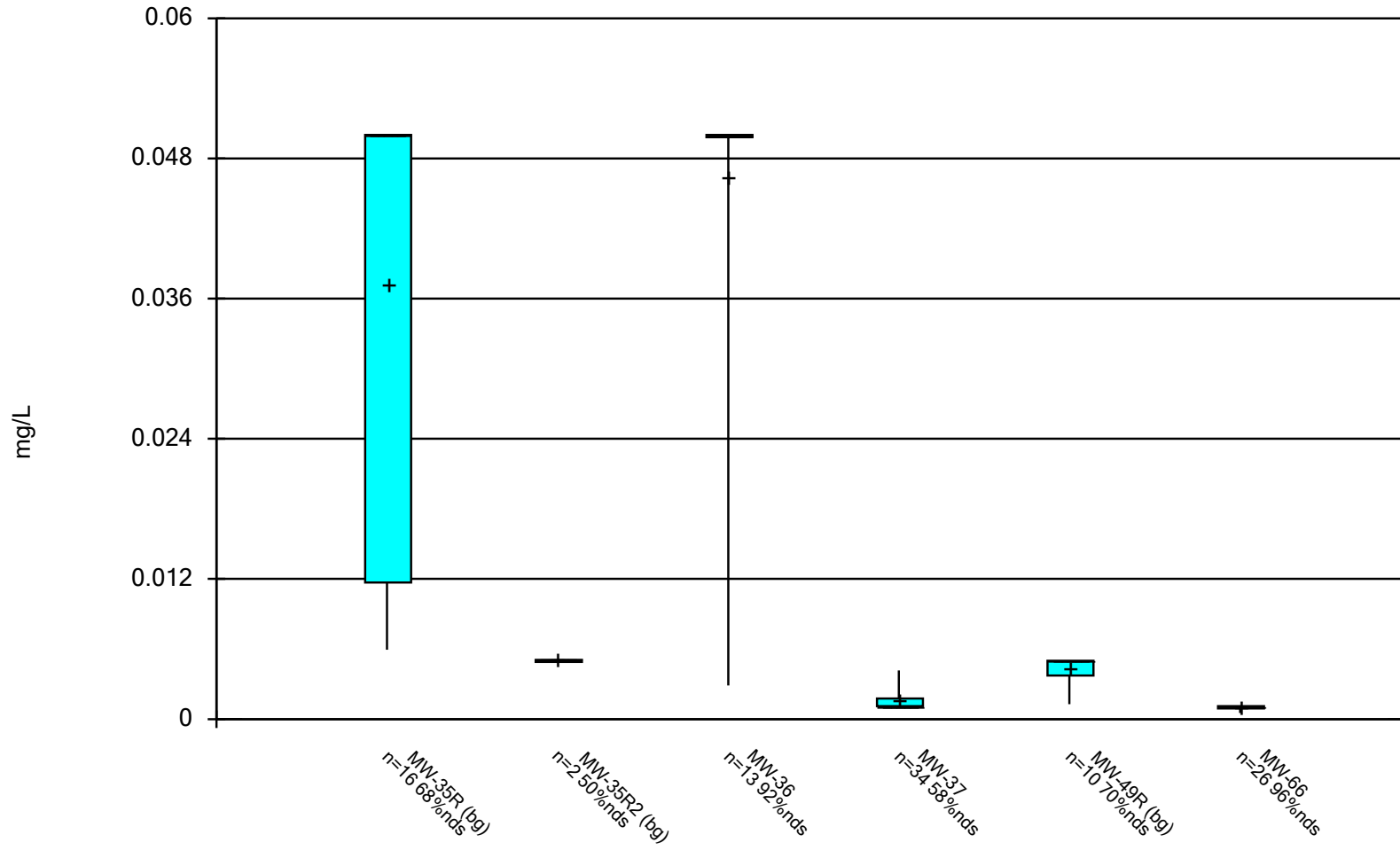
Constituent: Thallium Analysis Run 12/3/2024 1:16 PM View: Former CWTS - Appendix I
Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE CWTS flat

Box & Whiskers Plot



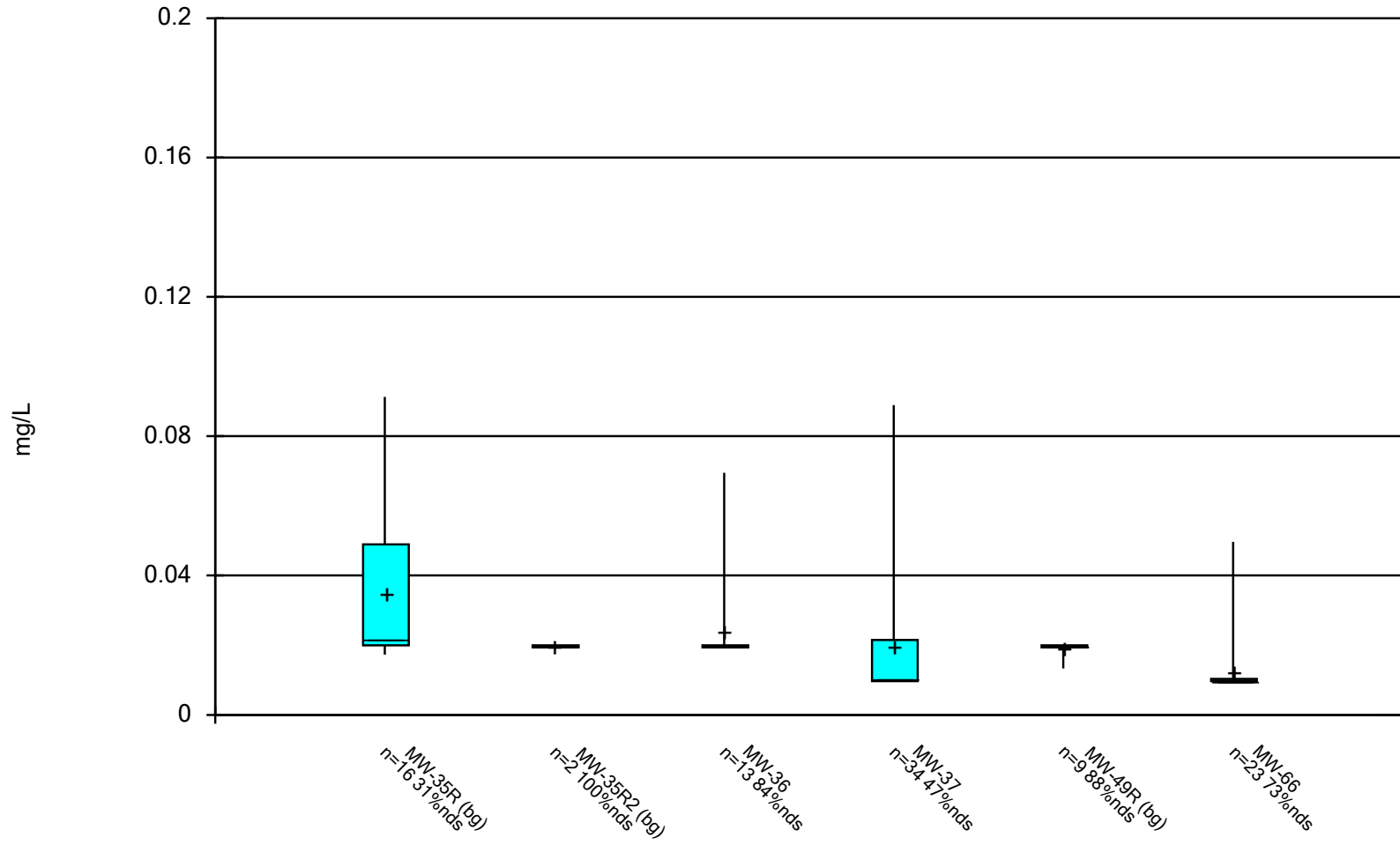
Constituent: Total Suspended Solids Analysis Run 12/3/2024 1:16 PM View: Former CWTS - Appendix I
Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE CWTS flat

Box & Whiskers Plot



Constituent: Vanadium Analysis Run 12/3/2024 1:16 PM View: Former CWTS - Appendix I
Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE CWTS flat

Box & Whiskers Plot



Constituent: Zinc Analysis Run 12/3/2024 1:16 PM View: Former CWTS - Appendix I
Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE CWTS flat

Box & Whiskers Plot

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE CWTS flat Printed 12/3/2024, 1:16 PM

Constituent	Well	N	Mean	Std. Dev.	Std. Err.	Median	Lower Q.	Upper Q.	Min.	Max.	%NDs
Antimony (mg/L)	MW-35R (bg)	17	0.001	0	0	0.001	0.001	0.001	0.001	0.001	100
Antimony (mg/L)	MW-35R2 (bg)	2	0.001	0	0	0.001	0.001	0.001	0.001	0.001	100
Antimony (mg/L)	MW-36	13	0.003	0	0	0.003	0.003	0.003	0.003	0.003	100
Antimony (mg/L)	MW-37	34	0.0009856	0.00008421	0.00001444	0.001	0.001	0.001	0.000509	0.001	97.06
Antimony (mg/L)	MW-49R (bg)	10	0.001846	0.0004886	0.0001545	0.002	0.002	0.002	0.000455	0.002	90
Antimony (mg/L)	MW-66	25	0.0009707	0.0001463	0.00002926	0.001	0.001	0.001	0.000...	0.001	96
Arsenic (mg/L)	MW-35R (bg)	15	0.001658	0.0005194	0.0001341	0.00172	0.001275	0.002	0.000509	0.00254	26.67
Arsenic (mg/L)	MW-35R2 (bg)	2	0.002	0	0	0.002	0.002	0.002	0.002	0.002	100
Arsenic (mg/L)	MW-36	13	0.0009908	0.00003328	0.000009231	0.001	0.001	0.001	0.00088	0.001	92.31
Arsenic (mg/L)	MW-37	34	0.001195	0.0006121	0.000105	0.00075	0.00075	0.00178	0.000596	0.00259	47.06
Arsenic (mg/L)	MW-49R (bg)	9	0.00164	0.000548	0.0001827	0.002	0.001025	0.002	0.000711	0.002	66.67
Arsenic (mg/L)	MW-66	25	0.001065	0.0008659	0.0001732	0.00075	0.00075	0.001026	0.000...	0.00405	60
Barium (mg/L)	MW-35R (bg)	16	0.2231	0.0653	0.01632	0.2185	0.1775	0.2475	0.151	0.407	0
Barium (mg/L)	MW-35R2 (bg)	2	0.189	0	0	0.189	0.189	0.189	0.189	0.189	0
Barium (mg/L)	MW-36	13	0.1551	0.03166	0.008781	0.15	0.136	0.1865	0.0987	0.2135	0
Barium (mg/L)	MW-37	34	0.19	0.1198	0.02054	0.1958	0.07425	0.279	0.02065	0.47	0
Barium (mg/L)	MW-49R (bg)	10	0.2038	0.06115	0.01934	0.216	0.138	0.26	0.124	0.294	0
Barium (mg/L)	MW-66	27	0.1003	0.08406	0.01618	0.0336	0.0211	0.185	0.0113	0.219	0
Beryllium (mg/L)	MW-35R (bg)	15	0.0008942	0.0002301	0.00005942	0.001	0.001	0.001	0.000315	0.001035	73.33
Beryllium (mg/L)	MW-35R2 (bg)	2	0.001	0	0	0.001	0.001	0.001	0.001	0.001	100
Beryllium (mg/L)	MW-36	13	0.001	0	0	0.001	0.001	0.001	0.001	0.001	100
Beryllium (mg/L)	MW-37	34	0.00033	0	0	0.00033	0.00033	0.00033	0.00033	0.00033	100
Beryllium (mg/L)	MW-49R (bg)	10	0.001	0	0	0.001	0.001	0.001	0.001	0.001	100
Beryllium (mg/L)	MW-66	25	0.00033	0	0	0.00033	0.00033	0.00033	0.00033	0.00033	100
Boron (mg/L)	MW-35R (bg)	34	0.1301	0.05263	0.009026	0.1	0.1	0.155	0.05	0.253	44.12
Boron (mg/L)	MW-36	49	0.3182	0.1672	0.02389	0.291	0.19	0.45	0.063	0.7	8.163
Cadmium (mg/L)	MW-35R (bg)	15	0.0004267	0.0001401	0.00003618	0.0005	0.00026	0.0005	0.00014	0.000...	60
Cadmium (mg/L)	MW-35R2 (bg)	2	0.0005	0	0	0.0005	0.0005	0.0005	0.0005	0.0005	100
Cadmium (mg/L)	MW-36	13	0.0004684	0.0001138	0.00003155	0.0005	0.0005	0.0005	0.000...	0.0005	92.31
Cadmium (mg/L)	MW-37	34	0.0001239	0.00006609	0.00001133	0.0001	0.0001	0.000103	0.000...	0.000363	67.65
Cadmium (mg/L)	MW-49R (bg)	10	0.0001106	0.00003352	0.0000106	0.0001	0.0001	0.0001	0.0001	0.000206	90
Cadmium (mg/L)	MW-66	26	0.0001115	0.00005078	0.000009959	0.0001	0.0001	0.0001	0.000058	0.000331	73.08
Chromium (mg/L)	MW-35R (bg)	16	0.01	0	0	0.01	0.01	0.01	0.01	0.01	100
Chromium (mg/L)	MW-35R2 (bg)	2	0.005	0	0	0.005	0.005	0.005	0.005	0.005	100
Chromium (mg/L)	MW-36	13	0.01863	0.004945	0.001372	0.02	0.02	0.02	0.00217	0.02	92.31
Chromium (mg/L)	MW-37	34	0.001629	0.001702	0.0002918	0.0012	0.0012	0.0012	0.0012	0.01077	82.35
Chromium (mg/L)	MW-49R (bg)	10	0.003973	0.00134	0.0004238	0.00462	0.00267	0.005	0.00155	0.005	50
Chromium (mg/L)	MW-66	25	0.001211	0.00007746	0.00001549	0.0012	0.0012	0.0012	0.0011	0.00157	96
Cobalt (mg/L)	MW-35R (bg)	19	0.004623	0.003557	0.000816	0.00367	0.00155	0.00576	0.00155	0.0155	26.32
Cobalt (mg/L)	MW-35R2 (bg)	2	0.00144	0.000495	0.00035	0.00144	0.00144	0.00144	0.00109	0.00179	0
Cobalt (mg/L)	MW-36	13	0.001308	0.0001364	0.00003782	0.00132	0.00132	0.00132	0.000917	0.00157	84.62
Cobalt (mg/L)	MW-37	34	0.001546	0.001286	0.0002205	0.001	0.000933	0.00185	0.000343	0.00655	32.35
Cobalt (mg/L)	MW-49R (bg)	9	0.0005346	0.0002322	0.00007739	0.0005	0.000425	0.000572	0.000263	0.0011	22.22
Cobalt (mg/L)	MW-66	26	0.0003206	0.0003236	0.00006347	0.00017	0.00017	0.000404	0.000129	0.00149	57.69
Copper (mg/L)	MW-35R (bg)	16	0.01619	0.005933	0.001483	0.02	0.009853	0.02	0.00539	0.02	68.75
Copper (mg/L)	MW-35R2 (bg)	2	0.005	0	0	0.005	0.005	0.005	0.005	0.005	100
Copper (mg/L)	MW-36	13	0.01752	0.006063	0.001681	0.02	0.02	0.02	0.00303	0.02	84.62
Copper (mg/L)	MW-37	34	0.00244	0.001304	0.0002237	0.0018	0.0018	0.002665	0.00148	0.00717	58.82
Copper (mg/L)	MW-49R (bg)	9	0.004441	0.001135	0.0003782	0.005	0.003865	0.005	0.00218	0.00506	66.67
Copper (mg/L)	MW-66	26	0.001884	0.0007377	0.0001447	0.0018	0.0018	0.0018	0.00072	0.00527	84.62

Box & Whiskers Plot

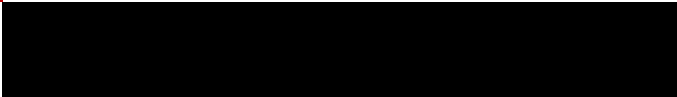
Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE CWTS flat Printed 12/3/2024, 1:16 PM

Constituent	Well	N	Mean	Std. Dev.	Std. Err.	Median	Lower Q.	Upper Q.	Min.	Max.	%NDs
Lead (mg/L)	MW-35R (bg)	15	0.005431	0.001621	0.0004186	0.00515	0.004	0.00651	0.004	0.009855	33.33
Lead (mg/L)	MW-35R2 (bg)	2	0.00171	0.0005374	0.00038	0.00171	0.00171	0.00171	0.00133	0.00209	0
Lead (mg/L)	MW-36	13	0.00355	0.00113	0.0003133	0.004	0.004	0.004	0.000433	0.004	84.62
Lead (mg/L)	MW-37	34	0.0009665	0.001103	0.0001891	0.000...	0.00026	0.001325	0.00026	0.00476	50
Lead (mg/L)	MW-49R (bg)	10	0.0006555	0.0004332	0.000137	0.000587	0.000213	0.001098	0.000135	0.00138	20
Lead (mg/L)	MW-66	26	0.000275	0.00006632	0.00001301	0.00026	0.00026	0.00026	0.00026	0.000596	92.31
Nickel (mg/L)	MW-35R (bg)	16	0.03693	0.02006	0.005015	0.05	0.01005	0.05	0.00656	0.05	68.75
Nickel (mg/L)	MW-35R2 (bg)	2	0.005	0	0	0.005	0.005	0.005	0.005	0.005	100
Nickel (mg/L)	MW-36	13	0.04313	0.0168	0.00466	0.05	0.05	0.05	0.0027	0.05	84.62
Nickel (mg/L)	MW-37	34	0.003895	0.003284	0.0005633	0.0021	0.0021	0.005242	0.00166	0.0169	55.88
Nickel (mg/L)	MW-49R (bg)	10	0.004272	0.001356	0.0004288	0.005	0.002885	0.005	0.00151	0.00544	60
Nickel (mg/L)	MW-66	26	0.007772	0.004709	0.0009236	0.0084	0.003295	0.0084	0.000989	0.0205	46.15
Selenium (mg/L)	MW-35R (bg)	16	0.004781	0.000875	0.0002187	0.005	0.005	0.005	0.0015	0.005	93.75
Selenium (mg/L)	MW-35R2 (bg)	2	0.005	0	0	0.005	0.005	0.005	0.005	0.005	100
Selenium (mg/L)	MW-36	13	0.0025	0	0	0.0025	0.0025	0.0025	0.0025	0.0025	100
Selenium (mg/L)	MW-37	34	0.0014	0	0	0.0014	0.0014	0.0014	0.0014	0.0014	100
Selenium (mg/L)	MW-49R (bg)	10	0.005	0	0	0.005	0.005	0.005	0.005	0.005	100
Selenium (mg/L)	MW-66	25	0.001429	0.0001906	0.00003812	0.0014	0.0014	0.0014	0.001043	0.00213	84
Silver (mg/L)	MW-35R (bg)	17	0.001	0	0	0.001	0.001	0.001	0.001	0.001	100
Silver (mg/L)	MW-35R2 (bg)	2	0.001	0	0	0.001	0.001	0.001	0.001	0.001	100
Silver (mg/L)	MW-36	13	0.0005	0	0	0.0005	0.0005	0.0005	0.0005	0.0005	100
Silver (mg/L)	MW-37	33	0.0005	0	0	0.0005	0.0005	0.0005	0.0005	0.0005	100
Silver (mg/L)	MW-49R (bg)	10	0.001	0	0	0.001	0.001	0.001	0.001	0.001	100
Silver (mg/L)	MW-66	26	0.0004864	0.00006923	0.00001358	0.0005	0.0005	0.0005	0.000147	0.0005	96.15
Thallium (mg/L)	MW-35R (bg)	17	0.001	0	0	0.001	0.001	0.001	0.001	0.001	100
Thallium (mg/L)	MW-35R2 (bg)	2	0.001	0	0	0.001	0.001	0.001	0.001	0.001	100
Thallium (mg/L)	MW-36	13	0.002	0	0	0.002	0.002	0.002	0.002	0.002	100
Thallium (mg/L)	MW-37	33	0.000554	0.00009174	0.00001597	0.00057	0.00057	0.00057	0.000043	0.00057	96.97
Thallium (mg/L)	MW-49R (bg)	10	0.001	0	0	0.001	0.001	0.001	0.001	0.001	100
Thallium (mg/L)	MW-66	24	0.00228	0	0	0.00228	0.00228	0.00228	0.00228	0.00228	100
Total Suspended Solids (mg/L)	MW-35R (bg)	3	480	230.1	132.8	449	267	724	267	724	0
Total Suspended Solids (mg/L)	MW-35R2 (bg)	2	137.7	83.86	59.3	137.7	137.7	137.7	78.4	197	0
Total Suspended Solids (mg/L)	MW-36	10	32.94	29.73	9.402	18.25	10.2	65.2	6.25	89.3	0
Total Suspended Solids (mg/L)	MW-37	21	28.88	25.06	5.469	23.3	13.65	38.15	2.88	114	0
Total Suspended Solids (mg/L)	MW-49R (bg)	11	27.52	31.08	9.371	11.8	6.75	46.4	4.13	86	0
Total Suspended Solids (mg/L)	MW-66	23	3.476	5.154	1.075	1.875	1.39	2.38	1.39	25.4	43.48
Vanadium (mg/L)	MW-35R (bg)	16	0.03724	0.01959	0.004896	0.05	0.0117	0.05	0.00595	0.05	68.75
Vanadium (mg/L)	MW-35R2 (bg)	2	0.005075	0.0001061	0.000075	0.005075	0.005075	0.005075	0.005	0.00515	50
Vanadium (mg/L)	MW-36	13	0.04638	0.01307	0.003624	0.05	0.05	0.05	0.00289	0.05	92.31
Vanadium (mg/L)	MW-37	34	0.001651	0.0009728	0.0001668	0.0011	0.0011	0.001755	0.00103	0.00416	58.82
Vanadium (mg/L)	MW-49R (bg)	10	0.004372	0.001285	0.0004064	0.005	0.00372	0.005	0.00128	0.005	70
Vanadium (mg/L)	MW-66	26	0.001078	0.0001143	0.00002242	0.0011	0.0011	0.0011	0.000517	0.0011	96.15
Zinc (mg/L)	MW-35R (bg)	16	0.03487	0.02381	0.005953	0.02185	0.02	0.04895	0.0173	0.0913	31.25
Zinc (mg/L)	MW-35R2 (bg)	2	0.02	0	0	0.02	0.02	0.02	0.02	0.02	100
Zinc (mg/L)	MW-36	13	0.02405	0.01368	0.003795	0.02	0.02	0.02	0.02	0.0695	84.62
Zinc (mg/L)	MW-37	34	0.01949	0.01811	0.003106	0.01053	0.0097	0.0215	0.0097	0.0889	47.06
Zinc (mg/L)	MW-49R (bg)	9	0.01926	0.002233	0.0007444	0.02	0.02	0.02	0.0133	0.02	88.89
Zinc (mg/L)	MW-66	23	0.01243	0.00846	0.001764	0.0097	0.0097	0.0103	0.0097	0.0497	73.91



CWTS - Metals

Trends Analysis



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Trend Test

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE CWTS flat Printed 12/3/2024, 1:21 PM

<u>Constituent</u>	<u>Well</u>	<u>Slope</u>	<u>Calc.</u>	<u>Critical</u>	<u>Sig.</u>	<u>N</u>	<u>%NDs</u>	<u>Alpha</u>	<u>Method</u>
Antimony (mg/L)	MW-37	0	0	39	No	13	100	0.02	NP
Antimony (mg/L)	MW-49R (bg)	0	6	17	No	7	85.71	0.02	NP
Antimony (mg/L)	MW-66	0	0	35	No	12	100	0.02	NP
Arsenic (mg/L)	MW-37	-0.0000355	-5	-39	No	13	15.38	0.02	NP
Arsenic (mg/L)	MW-49R (bg)	0.0003492	9	17	No	7	57.14	0.02	NP
Arsenic (mg/L)	MW-66	0	-9	-35	No	12	50	0.02	NP
Barium (mg/L)	MW-37	-0.03539	-26	-39	No	13	0	0.02	NP
Barium (mg/L)	MW-49R (bg)	0.02633	15	17	No	7	0	0.02	NP
Barium (mg/L)	MW-66	0.001033	15	44	No	14	0	0.02	NP
Beryllium (mg/L)	MW-37	0	0	39	No	13	100	0.02	NP
Beryllium (mg/L)	MW-49R (bg)	0	0	17	No	7	100	0.02	NP
Beryllium (mg/L)	MW-66	0	0	35	No	12	100	0.02	NP
Boron (mg/L)	MW-36	-0.03845	-2	-10	No	5	20	0.02	NP
Cadmium (mg/L)	MW-37	0	4	39	No	13	61.54	0.02	NP
Cadmium (mg/L)	MW-49R (bg)	0	-6	-17	No	7	85.71	0.02	NP
Cadmium (mg/L)	MW-66	0	1	39	No	13	53.85	0.02	NP
Chromium (mg/L)	MW-37	0	-23	-39	No	13	76.92	0.02	NP
Chromium (mg/L)	MW-49R (bg)	0	0	17	No	7	28.57	0.02	NP
Chromium (mg/L)	MW-66	0	-17	-35	No	12	91.67	0.02	NP
Cobalt (mg/L)	MW-37	-0.0001742	-18	-39	No	13	7.692	0.02	NP
Cobalt (mg/L)	MW-49R (bg)	-0.00004162	-8	-17	No	7	28.57	0.02	NP
Cobalt (mg/L)	MW-66	-0.00005741	-18	-39	No	13	23.08	0.02	NP
Copper (mg/L)	MW-37	-0.00004399	-8	-39	No	13	30.77	0.02	NP
Copper (mg/L)	MW-49R (bg)	0	0	13	No	6	50	0.02	NP
Copper (mg/L)	MW-66	0	-1	-39	No	13	84.62	0.02	NP
Lead (mg/L)	MW-37	-0.0001383	-18	-39	No	13	30.77	0.02	NP
Lead (mg/L)	MW-49R (bg)	-0.000247	-4	-17	No	7	28.57	0.02	NP
Lead (mg/L)	MW-66	0	-11	-39	No	13	84.62	0.02	NP
Nickel (mg/L)	MW-37	-0.0009233	-34	-39	No	13	30.77	0.02	NP
Nickel (mg/L)	MW-49R (bg)	0.0008089	11	17	No	7	57.14	0.02	NP
Nickel (mg/L)	MW-66	0.0008853	25	39	No	13	23.08	0.02	NP
Selenium (mg/L)	MW-37	0	0	39	No	13	100	0.02	NP
Selenium (mg/L)	MW-49R (bg)	0	0	17	No	7	100	0.02	NP
Selenium (mg/L)	MW-66	0	-1	-35	No	12	91.67	0.02	NP
Silver (mg/L)	MW-37	0	0	39	No	13	100	0.02	NP
Silver (mg/L)	MW-49R (bg)	0	0	17	No	7	100	0.02	NP
Silver (mg/L)	MW-66	0	0	39	No	13	100	0.02	NP
Thallium (mg/L)	MW-37	0	0	39	No	13	100	0.02	NP
Thallium (mg/L)	MW-49R (bg)	0	0	17	No	7	100	0.02	NP
Thallium (mg/L)	MW-66	0	0	31	No	11	100	0.02	NP
Vanadium (mg/L)	MW-37	-0.0002019	-30	-39	No	13	30.77	0.02	NP
Vanadium (mg/L)	MW-49R (bg)	0.000117	7	17	No	7	57.14	0.02	NP
Vanadium (mg/L)	MW-66	0	0	39	No	13	100	0.02	NP
Zinc (mg/L)	MW-37	-0.0009447	-34	-39	No	13	30.77	0.02	NP
Zinc (mg/L)	MW-49R (bg)	0	5	13	No	6	83.33	0.02	NP
Zinc (mg/L)	MW-66	0	-5	-35	No	12	58.33	0.02	NP



CWTS - Metals

Intrawell Prediction Limits



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Prediction Limit

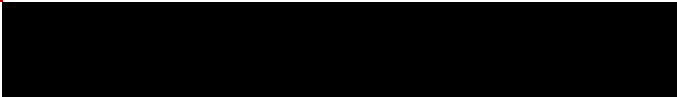
Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE CWTS flat Printed 12/5/2024, 2:05 PM

<u>Constituent</u>	<u>Well</u>	<u>Upper Lim.</u>	<u>Date</u>	<u>Observ.</u>	<u>Sig.</u>	<u>Bg N</u>	<u>Bg Wells</u>	<u>%NDs</u>	<u>ND Adj.</u>	<u>Transform</u>	<u>Alpha</u>	<u>Method</u>
Antimony (mg/L)	MW-37	0.006	10/10/2024	0.001ND	No	25	n/a	96	n/a	n/a	0.002849	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	MW-37	0.003	10/10/2024	0.00182J	No	25	n/a	56	n/a	n/a	0.002849	NP Intra (NDs) 1 of 2
Barium (mg/L)	MW-37	0.3662	10/10/2024	0.0771	No	25	n/a	0	None	No	0.01741	Param Intra 1 of 2
Beryllium (mg/L)	MW-37	0.001	10/10/2024	0.00033ND	No	25	n/a	100	n/a	n/a	0.002849	NP Intra (NDs) 1 of 2
Cadmium (mg/L)	MW-37	0.0005	10/10/2024	0.0001ND	No	25	n/a	72	n/a	n/a	0.002849	NP Intra (NDs) 1 of 2
Chromium (mg/L)	MW-37	0.02	10/10/2024	0.0012ND	No	25	n/a	80	n/a	n/a	0.002849	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	MW-37	0.02	10/10/2024	0.00077	No	25	n/a	44	n/a	n/a	0.002849	NP Intra (xform) 1 of 2
Copper (mg/L)	MW-37	0.02	10/10/2024	0.0018ND	No	25	n/a	72	n/a	n/a	0.002849	NP Intra (NDs) 1 of 2
Lead (mg/L)	MW-37	0.004025	10/10/2024	0.00026ND	No	25	n/a	56	n/a	n/a	0.002849	NP Intra (NDs) 1 of 2
Nickel (mg/L)	MW-37	0.05	10/10/2024	0.0021ND	No	25	n/a	60	n/a	n/a	0.002849	NP Intra (NDs) 1 of 2
Selenium (mg/L)	MW-37	0.005	10/10/2024	0.0014ND	No	25	n/a	100	n/a	n/a	0.002849	NP Intra (NDs) 1 of 2
Silver (mg/L)	MW-37	0.02	10/10/2024	0.0005ND	No	24	n/a	100	n/a	n/a	0.003145	NP Intra (NDs) 1 of 2
Thallium (mg/L)	MW-37	0.002	10/10/2024	0.00057ND	No	24	n/a	95.83	n/a	n/a	0.003145	NP Intra (NDs) 1 of 2
Vanadium (mg/L)	MW-37	0.05	10/10/2024	0.0011ND	No	25	n/a	68	n/a	n/a	0.002849	NP Intra (NDs) 1 of 2
Zinc (mg/L)	MW-37	0.0889	10/10/2024	0.0097ND	No	25	n/a	48	n/a	n/a	0.002849	NP Intra (normality) ...



CWTS - Metals

Interwell Prediction Limits



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Prediction Limit

Metro Park East LF Client: Iowa Metro Waste Authority Data: MPE CWTS flat Printed 12/5/2024, 2:02 PM

<u>Constituent</u>	<u>Well</u>	<u>Upper Lim.</u>	<u>Date</u>	<u>Observ.</u>	<u>Sig.</u>	<u>Bg N</u>	<u>Bg Wells</u>	<u>%NDs</u>	<u>ND Adj.</u>	<u>Transform</u>	<u>Alpha</u>	<u>Method</u>
Antimony (mg/L)	MW-66	0.003	10/10/2024	0.001ND	No	10	MW-49R	90	n/a	n/a	0.0144	NP Inter (NDs) 1 of 2
Arsenic (mg/L)	MW-66	0.002	10/10/2024	0.000971J	No	9	MW-49R	66.67	n/a	n/a	0.01756	NP Inter (NDs) 1 of 2
Barium (mg/L)	MW-66	0.2888	10/10/2024	0.0238	No	10	MW-49R	0	None	No	0.01741	Param Inter 1 of 2
Beryllium (mg/L)	MW-66	0.001	10/10/2024	0.00033ND	No	10	MW-49R	100	n/a	n/a	0.0144	NP Inter (NDs) 1 of 2
Cadmium (mg/L)	MW-66	0.0005	10/10/2024	0.0001ND	No	10	MW-49R	90	n/a	n/a	0.0144	NP Inter (NDs) 1 of 2
Chromium (mg/L)	MW-66	0.003794	10/10/2024	0.0012ND	No	10	MW-49R	50	Aitchison`s	x^2	0.01741	Param Inter 1 of 2
Cobalt (mg/L)	MW-66	0.0009019	10/10/2024	0.000204J	No	9	MW-49R	22.22	Aitchison`s	No	0.01741	Param Inter 1 of 2
Copper (mg/L)	MW-66	0.00506	10/10/2024	0.0018ND	No	9	MW-49R	66.67	n/a	n/a	0.01756	NP Inter (NDs) 1 of 2
Lead (mg/L)	MW-66	0.001273	10/10/2024	0.00026ND	No	10	MW-49R	20	Aitchison`s	No	0.01741	Param Inter 1 of 2
Nickel (mg/L)	MW-66	0.00544	10/10/2024	0.0084ND	No	10	MW-49R	60	n/a	n/a	0.0144	NP Inter (NDs) 1 of 2
Selenium (mg/L)	MW-66	0.005	10/10/2024	0.0014ND	No	10	MW-49R	100	n/a	n/a	0.0144	NP Inter (NDs) 1 of 2
Silver (mg/L)	MW-66	0.001	10/10/2024	0.0005ND	No	10	MW-49R	100	n/a	n/a	0.0144	NP Inter (NDs) 1 of 2
Thallium (mg/L)	MW-66	0.002	10/10/2024	0.00228ND	No	10	MW-49R	100	n/a	n/a	0.0144	NP Inter (NDs) 1 of 2
Vanadium (mg/L)	MW-66	0.005	10/10/2024	0.0011ND	No	10	MW-49R	70	n/a	n/a	0.0144	NP Inter (NDs) 1 of 2
Zinc (mg/L)	MW-66	0.02	10/10/2024	0.0097ND	No	9	MW-49R	88.89	n/a	n/a	0.01756	NP Inter (NDs) 1 of 2



Appendix D

2024 Spring Statistical
Report

(See IDNR Doc # 110585)




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Appendix E

Leachate Collection System
Performance Evaluation
Report



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July 2023 through December 2024 Leachate Control System Performance Evaluation Report

Metro Waste Authority

Metro Park East Landfill

Permit No. 77-SDP-01-72P

January 2025

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Executive Summary

The purpose of this Leachate Control System Performance Evaluation Report (LCSPER) is to summarize the performance of the Metro Park East (MPE) Landfill (Site) leachate control system. The reporting period for this report is the period from July 1, 2023, through December 31, 2024. Historically, the MPE LCSPER had data reported on the fiscal year which would run from July through June. As indicated in HDR's letter dated May 6, 2024, the MPE LCSPER reporting period would be adjusted to align with the calendar year (CY) reporting period of the Annual Water Quality Report (AWQR) at the Site. This LCSPER covers an 18-month period. Beginning in 2025, the LCSPER will only cover the calendar year (12-month) period.

Items of note include the following:

- The Iowa Department of Natural Resources (DNR) has approved an AWQR template that includes a “Leachate Management Summary” table (**Table 12** of the AWQR template). **Table 12** has been included in this LCSPER in the **Tables** attachment included at the end of this report. It includes leachate head levels, total collection and disposal volumes, and annual precipitation at the Site.
- During the July 2023 through December 2024 reporting period, approximately 12.5 million gallons of leachate was collected from the Phase I and Phase II municipal solid waste landfill (MSWLF) units, collectively, and either treated on site or discharged to a wastewater treatment facility. Approximately 8.0 million gallons (64% of the total disposal/treatment volume) were hauled to the Des Moines Wastewater Reclamation Authority (WRA) for treatment. Approximately 4.5 million gallons were treated on-site (36% of the total disposal/treatment volume) through recirculation or evaporation/misting.
- The leachate levels measured within the composite-lined cells (including Phase I and Phase II leachate sumps and the Phase II leachate piezometer), remained in compliance throughout this reporting period with the exception of Phase II Sump A1 in January 2024 and LHR-B in September 2023. For both the Phase II Sump A1 and LHR-B, the leachate was pumped down and both monitoring locations were brought back into compliance following each exceedance.
- Leachate levels in the unlined areas of the Phase I MSWLF unit are calculated using the levels measured in the dual-extraction wells (DEWs).
- Annual leachate sampling is required as part of the treatment agreement with the Des Moines WRA. The sampling results collected during this reporting period were within the treatment limits specified in the applicable permit with WRA.

Recommendations regarding the leachate control system for the CY2025 reporting period are summarized below.

- Continue to maintain the leachate collection system to operate as required.



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Figure 1: Site Map

Figure 2: Leachate Control System

Tables

Table 12: July 2023 through December 2024 Leachate Generation and Disposal

Appendices

Appendix A Manual Liquid Level Measurement

Appendix B Sump and Piezometer Level Graphs

Appendix C Annual Leachate Laboratory Analytical Data Sheets

Appendix D Leachate Line Inspection and Cleaning Summary

1 Introduction

The purpose of this Leachate Control System Performance Evaluation Report (LCSPER) is to summarize the performance of the Metro Park East (MPE) Landfill (Landfill or Site) leachate control system in accordance with the requirements of the Iowa Administrative Code (IAC) 567-113.7(5)"b"(14), Special Provision X-Items 2.b, 2.c, 3, 5, 6, 8, and 19.j., and Special Provision XI-Items 5.i. and 8 of the Iowa Department of Natural Resources (DNR) Sanitary Disposal Project operating permit for the MPE Landfill, renewed on October 19, 2020 (Document # 98730) and the most recent revised version dated October 31, 2024 (Document # 111202). The reporting period for this report is the period from July 1, 2023, through December 31, 2024. Historically, the MPE LCSPER had data reported on the fiscal year which would run from July through June. As indicated in HDR's letter dated May 6, 2024, the MPE LCSPER reporting period would be adjusted to align with the calendar year (CY) reporting period of the Annual Water Quality Report (AWQR) at the Site. This LCSPER covers an 18-month period. Beginning in 2025, the LCSPER will only cover the calendar year (12-month) period.

1.1 Site Location

The MPE Landfill, owned and operated by Metro Waste Authority (MWA), is located approximately ten miles east of Des Moines and five miles south of Mitchellville, Iowa. The Site is situated in Sections 1 and 2, Township 78 North, Range 22 West, in Polk County, Iowa. The Site is bounded by Highway 163 to the north, State Highway 316 to the west, SE 128th Street to the east, and SE 6th Avenue and SE 3rd Avenue to the south. A site map is included as **Figure 1**.

1.2 Description of Leachate Collection System

The MPE Landfill consists of two main areas: the closed Phase I municipal solid waste landfill (MSWLF) unit and the active Phase II MSWLF unit. Each unit has leachate collection system (LCS) components. The LCS consisted of the following components during this reporting period as shown in **Figure 2**:

- 99 vertical dual-extraction wells (DEWs) installed in the Phase I MSWLF unit.
- 29 vertical DEWs installed in the Phase II MSWLF unit.
- 21-acre Phase I MSWLF unit North Area leachate collection system.
- 20-acre Phase IA Cells A and B leachate collection system.
- 8-acre Phase IB leachate collection system.
- 2,300-foot Phase I MSWLF unit West toe drain line.
- 2,300-foot Phase I MSWLF unit East toe drain/seep tie-in line.
- 2,100-foot Phase I MSWLF unit 2008 addition east toe drain/seep tie-in line.
- 104-acre Phase II MSWLF unit Cells A, B, C, D, and E leachate collection systems.

1.3 Leachate Storage and Treatment System Components

A Leachate Management Summary, attached as **Table 12**, includes the information requested by IDNR in the AWQR. The table includes leachate head levels, total collection and disposal volumes, and annual precipitation at the Site.

Additional information on the leachate storage and treatment system components at the MPE Landfill during this reporting period are listed below. The storage system components are shown in **Figure 2**.

Storage Components

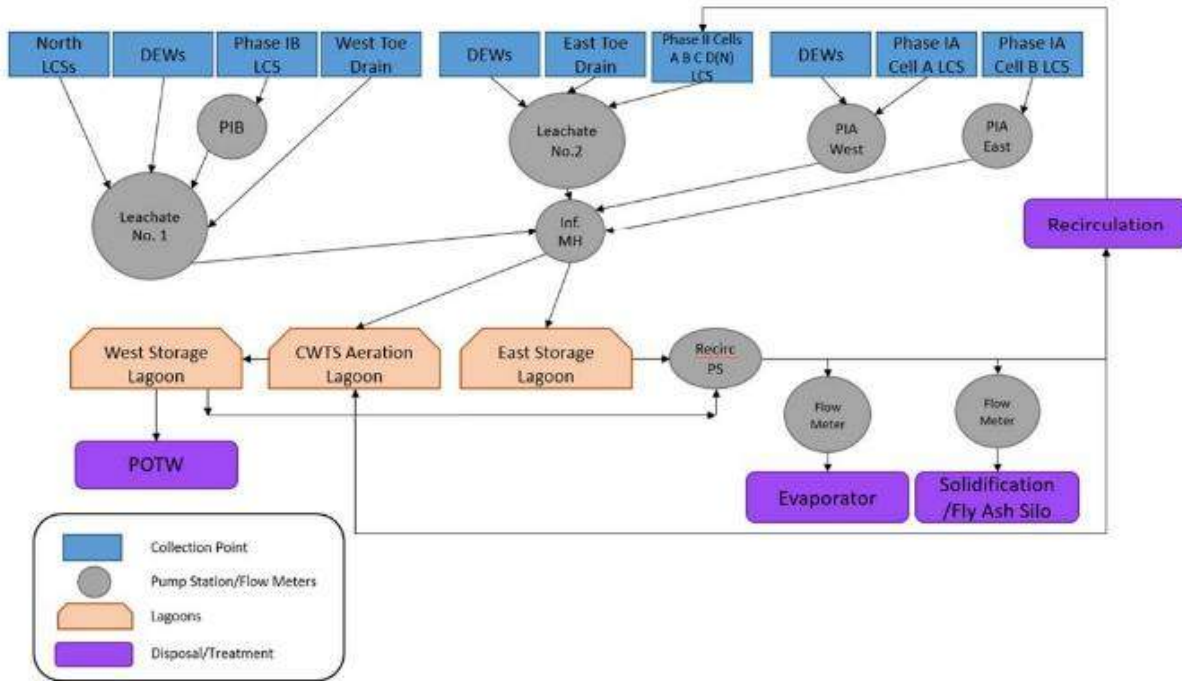
- 609,000-gallon Aeration Lagoon
- 2,485,000-gallon West Storage Lagoon
- 3,554,000-gallon East Storage Lagoon
- Two (East and West) 10,000-gallon underground storage tanks

Treatment Components

- Recirculation into the Phase II MSWLF unit working face
- Application to the Phase II MSWLF unit intermediate cover via tanker truck
- Application to the Phase II MSWLF unit intermediate cover via sprinkler system
- Misting/Evaporation system with containment pad located on the closed Phase I MSWLF unit.
- Treatment at the Publicly Owned Treatment Works (POTW)

Exhibit 1: Leachate Flow Scheme provides a visual representation of the leachate flow scheme from collection to treatment/disposal during this reporting period.

Exhibit 1: Leachate Flow Scheme



Source: SCS Engineers.

2 Maintenance

MWA continues to perform improvement/maintenance activities for the LCS. During this reporting period, the activities included continued management and maintenance of the pumping and telemetry/supervisory control and data acquisition (SCADA) systems, which are used to obtain data from the dual extraction wells, sumps, and pumps within the LCS.

Per IAC 56-113.8(3)i, leachate collection pipes shall be cleaned and inspected as necessary, but not less than once every three years. Leachate lines in the active Phase II MSWLF unit and closed Phase I MSWLF unit were inspected and cleaned in November 2023. A summary of the November 2023 inspection and cleaning of the leachate lines is included in **Appendix D**.

MWA has an internal process using Corrective/Preventive Action Requests (CPARs) and Work Orders for tracking and addressing issues related to the LCS. With this process in place, issues are identified and addressed in a short period of time. Upon issuance of CPARs/Work Orders, the maintenance activities are typically completed within two to four weeks, depending on the extent of the maintenance items. Copies of CPARs/Work Orders are available for review through MWA's electronic file-sharing system.

The following maintenance activities were conducted during the period from July 1, 2023 through December 31, 2024:

- September 2023:
 - Phase II Sump B1 pump was replaced,
 - Phase I Sump 1B transducer was replaced.
- October 2023:
 - Pressure transducer in the Phase II Sump B3 was replaced.
- November 2023:
 - New pump and pressure transducer were installed in Phase II Sump A2,
 - Select cleanouts and leachate lines were jetted (see **Appendix D**).
- December 2023:
 - Electrical repair was conducted on the power supply to leachate head riser, LHR-B, equipment,
 - LHR-B pump failed and was not operational,
 - Pumps were replaced in DEW-104, DEW-106, and TEW-7,
 - Leachate storage lagoons' aerators were repaired and turned on.
- January 2024:
 - Phase II Sump A1 pump failed and was not operational.
- February 2024:
 - Phase II Sump A1 and LHR-B pumps were removed for service/repair,
 - Leachate No.1 pumps 1 and 2 and Leachate No. 2 pumps 1 and 2 were serviced,
 - Vertical dosing pumps 1 and 2 were serviced.
- March 2024:
 - Dosing pump P2 failed to run,

- April 2024:
 - Dosing pump P2 removed for repair,
 - Dosing pump P1 had a high temperature alarm triggered and would not run in auto, wiring issue found and fixed allowing P1 to run in auto as normal
 - Phase II Sump A1 and LHR-B pumps were reinstalled,
 - A power supply issue was identified and repaired for aerators 5 and 6 in the east leachate lagoon.
- May 2024:
 - Acid treatment was conducted on LHR-B,
 - Phase II Sump B2 pressure transducer power supply wire no longer working, unwired, tested, and re-connected to get working again,
 - Pump removed, cleaned, and reinstalled and pump lines replaced at HZ(HC)-01,
 - Power outage on May 24th possibly impacted pressure transducers at Phase II Sumps B1 and B2 and Phase I Sump IB which caused them to not function properly.
- June 2024:
 - Phase II A & B sumps' pressure transducers periodic malfunction cause identified, parts ordered to fix issue,
 - Pump in DEW-39 was replaced along with discharge pump line,
 - Phase II Sump A3 transducer malfunctioned, unwired, tested, re-connected to get working again,
 - Pump in DEW-123 was replaced.
- July 2024:
 - Phase II A & B sumps' pressure transducers periodic malfunctions fixed.
- September 2024:
 - Pump and pump lines were replaced on DEW-39
 - Pump was replaced in DEW-125R.
- October 2024:
 - Pump was replaced in GEW-151,
 - Pump and pump lines were replaced in GEW-161R,
 - Pneumatic pump was installed in DEW-198.
- November 2024:
 - Pneumatic pumps were installed in DEW-199 and DEW-200,
 - Pump was replaced in DEW-111.

3 Performance

3.1 Head Level Measurements and Liquid Levels

Liquid levels in the Phase I MSWLF unit DEWs were manually measured. In previous years, liquid levels were measured quarterly and recorded on the Gas Recovery Liquid Level Field Logs. On March 11, 2022, MWA requested that IDNR approve modifications to leachate level sampling protocols, including a reduced number of gauging events per year and a reduced

number of sampling points (Document #102582). IDNR approved the request on March 31, 2022 (Document #102676). During July 2023 through December 2024 reporting period, semiannual gauging was conducted on September 21, 2023, May 16, 2024, and October 10, 2024. Copies of the manual liquid level measurements are included in **Appendix A**.

The number of sampling points was decreased from approximately 100 sampling points to the following 14 sampling points that are representative of existing contours:

- DEW-4R
- DEW-8R
- DEW-18
- DEW-21
- DEW-23
- DEW-36
- DEW-44
- DEW-57
- DEW-65R
- DEW-72
- DEW-89
- DEW-91
- DEW-113
- DEW-125

3.2 Effectiveness in Maintaining Less than One Foot of Head

3.2.1 Phase I MSWLF Unit

Leachate levels at the Phase IA Cells A and B sumps (PIA East and West Sumps, respectively) and Phase IB sump (PIB Sump) of the Phase I MSWLF unit were measured using transducers. The sump pumps turn on automatically when the leachate in each sump reaches pre-set elevations to maintain less than 12 inches of head over the liner. The SCADA system is capable of signaling an alarm if the pre-set elevations are exceeded. When alarms are set off, MWA evaluates and corrects the level exceedances in a short time. Graphs of sump levels are included in **Appendix B**. Leachate levels in the Phase I sumps remained below the compliance level throughout this reporting period.

3.2.2 Phase II MSWLF

Leachate levels in the three Cell A sumps and three Cell B sumps of the Phase II MSWLF unit were measured using transducers. The sump pumps turn on automatically when the leachate in each sump reaches pre-set elevations to maintain less than 12 inches of head over the liner. The SCADA system is capable of signaling an alarm if the pre-set elevations are exceeded. When alarms are set off, MWA evaluates and corrects the level exceedances as soon as feasible. Graphs of sump levels are included in **Appendix B**. Leachate levels in the Phase II sumps remained below the compliance level throughout this reporting period except for sump A1 which was in exceedance in January 2024. The Phase II Sump A1 pump was not

operational in January 2024. The pump was removed in February 2024 and repaired. The repaired pump was installed back in the Phase II Sump A1 in April 2024.

In compliance with IAC 567-113.7(5)"b"(3), leachate head riser LHR-B was installed for the Phase II MSWLF unit to measure leachate thickness directly on the liner in the least conductive drainage material outside of the sumps. A transducer with telemetry system was installed in leachate head riser LHR-B to continuously measure leachate thickness at this point. Levels in leachate head riser LHR-B were in compliance in each month of the reporting period except for September 2023, as shown in the graph included in **Appendix B**. Leachate levels in LHR-B were pumped down and brought back into compliance.

A graph of the monthly precipitation amounts measured in the area of the Site is included in **Appendix B**.

3.3 Volume of Leachate Collected

As noted in **Section 1**, there are multiple areas where leachate is collected throughout the closed Phase I MSWLF unit and active Phase II MSWLF unit. **Table 12**, located in the attachments of this report, provides details on the monthly volumes of leachate collected from these locations.

3.4 Storage Capacity

The leachate storage system at the MPE Landfill has a total capacity of approximately 6,668,000 gallons and consists of the following components:

- 609,000-gallon Aeration Lagoon
- 2,485,000-gallon West Storage Lagoon
- 3,554,000-gallon East Storage Lagoon
- Two (East and West) 10,000-gallon underground storage tanks

3.5 Volume of Leachate Treated On-Site

3.5.1 Recirculation

Leachate was recirculated into the Phase II MSWLF unit during the July 2023 through December 2024 reporting period. Leachate recirculation was accomplished by surface application to the working face and spraying over intermediate cover of the Phase II MSWLF unit via tanker trucks. Recirculated leachate was applied to intermediate cover of the Phase II MSWLF unit using an irrigation sprinkler system.

The quantity of liquid to be applied is based on the moisture content of the waste. As stated in the Leachate Management Plan (Appendix 5B, 2020 Permit Renewal [Document ID # 98377]), recirculation volumes may be changed based on operational experience or analysis.

Approximately 1,149,800 gallons of leachate were recirculated through application to the working face and 1,251,456 tons of solid waste were placed during the period of July 2023 through December 2024. This resulted in a recirculation rate of approximately 0.92 gallons per



ton of waste during this reporting period. **Table 1** below summarizes the leachate recirculation rate for previous reporting periods.

Table 1: Leachate Recirculation Rates – Phase II MSWLF Unit

Period	Waste Place (tons)	Leachate Recirculated (gallons)	Leachate Recirculation (gallons/tons of waste)
FY 2017	678,715	4,545,800	6.70
FY 2018	716,988	2,856,000	3.98
FY 2019	650,110	1,742,700	2.68
FY 2020	692,757	1,156,400	1.67
FY 2021	697,775	1,161,400	1.66
FY 2022	839,022	411,600	0.49
FY 2023	837,456	105,000	0.13
July 2023 – December 2024	1,251,456	1,149,800	0.92

There was an increase in the volume of leachate that was applied to the working face when comparing the July 2023 through December 2024 reporting period to FY2022 and FY2023, but it is still below values calculated for FY2021 and prior.

Approximately 495,400 gallons of leachate was applied to the Phase II intermediate cover via a tanker truck, while approximately 2,346,049 gallons were applied using the sprinkler system.

3.5.2 Evaporator/Mister

MPE Landfill’s permit allows leachate to be discharged via a misting/evaporator system. An evaporator system and containment pad are constructed on the closed Phase I MSWLF unit. During the July 2023 through December 2024 reporting period, leachate was disposed of via the misting/evaporator system. Approximately 465,655 gallons of leachate was directed through the misting/evaporator system during the reporting period. During operation of the misting/evaporator system, regular visual observations were conducted by Site personnel around the mister and containment pad. Site personnel did not observe negative impacts to vegetation or the Phase I cap as well as any water ponding or running off of the cap. The mister was not operated during high wind or wet weather conditions.

3.5.3 Solidification

MPE Landfill’s permit allows leachate to be solidified as part of the MPE Landfill’s liquid solidification program. Leachate was not solidified during the July 2023 through December 2024 reporting period.

3.6 Volume of Leachate Treated Off-Site

A disposal agreement is currently in place with the Des Moines WRA for the treatment of MPE Landfill leachate. A total of 8,007,827 gallons of leachate were hauled to the Des Moines WRA POTW during July 2023 through December 2024 reporting period.

Annual raw leachate sample analysis (as required by the WRA POTW agreement) was conducted on September 21, 2023, and October 10, 2024, at the Site. Constituents listed in

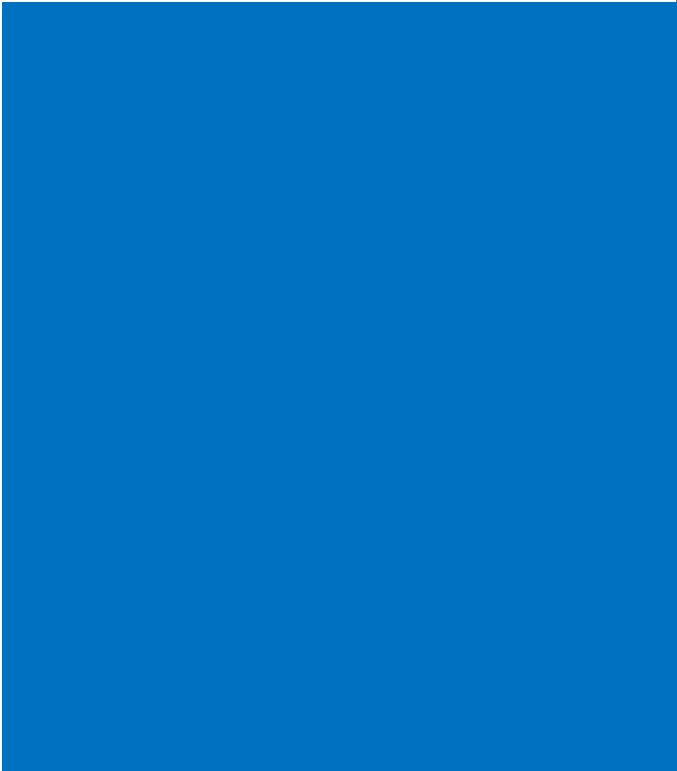


Appendix A to 40 CFR, Part 423-126 Priority Pollutants are required to be analyzed. The analytical data reports for the two sampling events conducted during the July 2023 through December 2024 reporting period are included in **Appendix C**.

The WRA POTW treatment agreement dated April 24, 2023, specifies daily maximum limits on arsenic as shown in **Table 2**. Under this agreement, Total Toxic Organics (TTO) are also monitored by WRA. A review of the analytical results for the raw leachate samples collected from the influent manhole on September 21, 2023, and October 10, 2024, indicated the daily effluent limitations were not exceeded during July 2023 through December 2024 reporting period, and the arsenic values were within the allowable limits range. **Table 2** summarizes the POTW agreement effluent limitations and analytical results for the two annual sampling events.

Table 2: POTW Limitations and FY2023 Sampling Results

Parameter	Sampling Date	POTW Limit (mg/L)	Leachate Sample Results (mg/L)
Arsenic	9/21/2023	0.38	0.0805
Arsenic	10/10/2024	0.38	0.0672

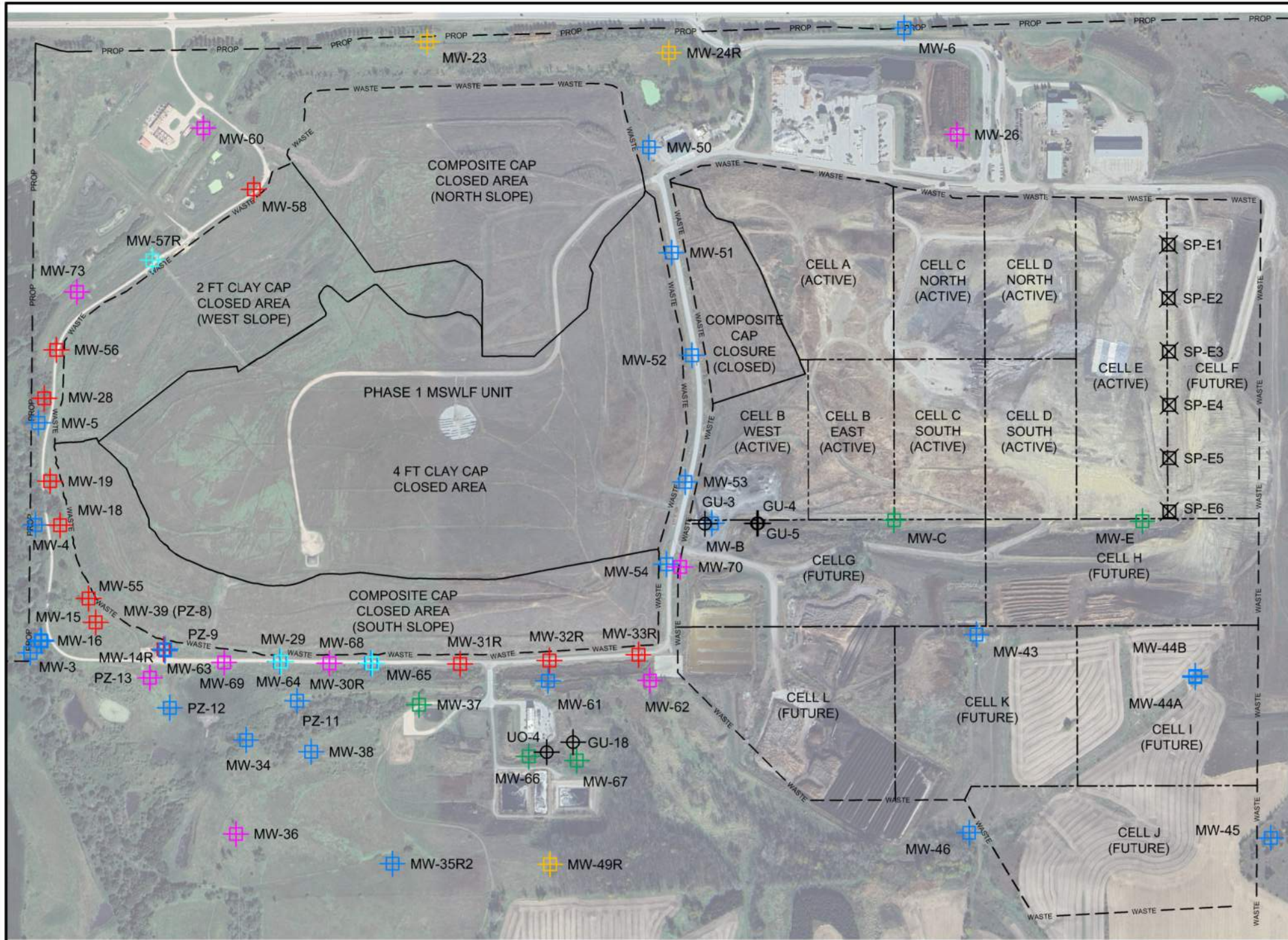


Figures



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C:\pwworking\central\01\44160156\Figure 1 - Site Map Spring 2024.dwg, Plot, 1/21/2025 9:11:35 AM, MICWALSH



PHASE I MSWLF UNIT WELL NETWORK	
WELL ID	CURRENT MONITORING PROGRAM
MW-14	ASSESSMENT/CAMP
MW-18	ASSESSMENT
MW-19	ASSESSMENT
MW-23	BACKGROUND
MW-24R	BACKGROUND
MW-28	ASSESSMENT
MW-29	CORRECTIVE ACTION/CAMP
MW-30R	CORRECTIVE ACTION/CAMP
MW-31R	ASSESSMENT/CAMP
MW-32R	ASSESSMENT/CAMP
MW-33R	ASSESSMENT/CAMP
MW-39	ASSESSMENT
MW-55	ASSESSMENT
MW-56	ASSESSMENT
MW-57R	CORRECTIVE ACTION/CAMP
MW-58	ASSESSMENT/CAMP
MW-60	CAMP
MW-62	CAMP
MW-68	CAMP
MW-69	CAMP
MW-70	CAMP
MW-73	CAMP
PZ-13	CAMP

PHASE II MSWLF UNIT WELL NETWORK	
WELL ID	CURRENT MONITORING PROGRAM
MW-26	SUPPLEMENTAL
MW-67	DETECTION
MW-B	DETECTION
MW-C	DETECTION
MW-E	DETECTION
GU-3	DETECTION
GU-4	DETECTION
GU-5	DETECTION
GU-18	DETECTION

FORMER CWTS WELL NETWORK	
WELL ID	CURRENT MONITORING PROGRAM
MW-49R	BACKGROUND
MW-37	DETECTION
MW-66	DETECTION
UO-4	DETECTION
MW-36	BORON TREND

- NOTES:**
1. AERIAL PHOTO PROVIDED BY GOOGLE EARTH ON OCTOBER 2024.
 2. MONITORING WELLS MW-20, MW-21, MW-22R, MW-47, MW-59, MW-71 AND MW-72 ARE ABANDONED AND NOT SHOWN ON THE FIGURE.

LEGEND

- PERMITTED EDGE OF WASTE
- CELL BOUNDARY
- PROPERTY LINE
- ASSESSMENT MONITORING WELL
- BACKGROUND MONITORING WELL
- DETECTION MONITORING WELL
- CAMP/DELINEATION WELL
- CORRECTIVE ACTION WELL
- WELL - WATER LEVEL ONLY
- GROUNDWATER UNDERDRAIN
- GROUNDWATER STAND PIPE

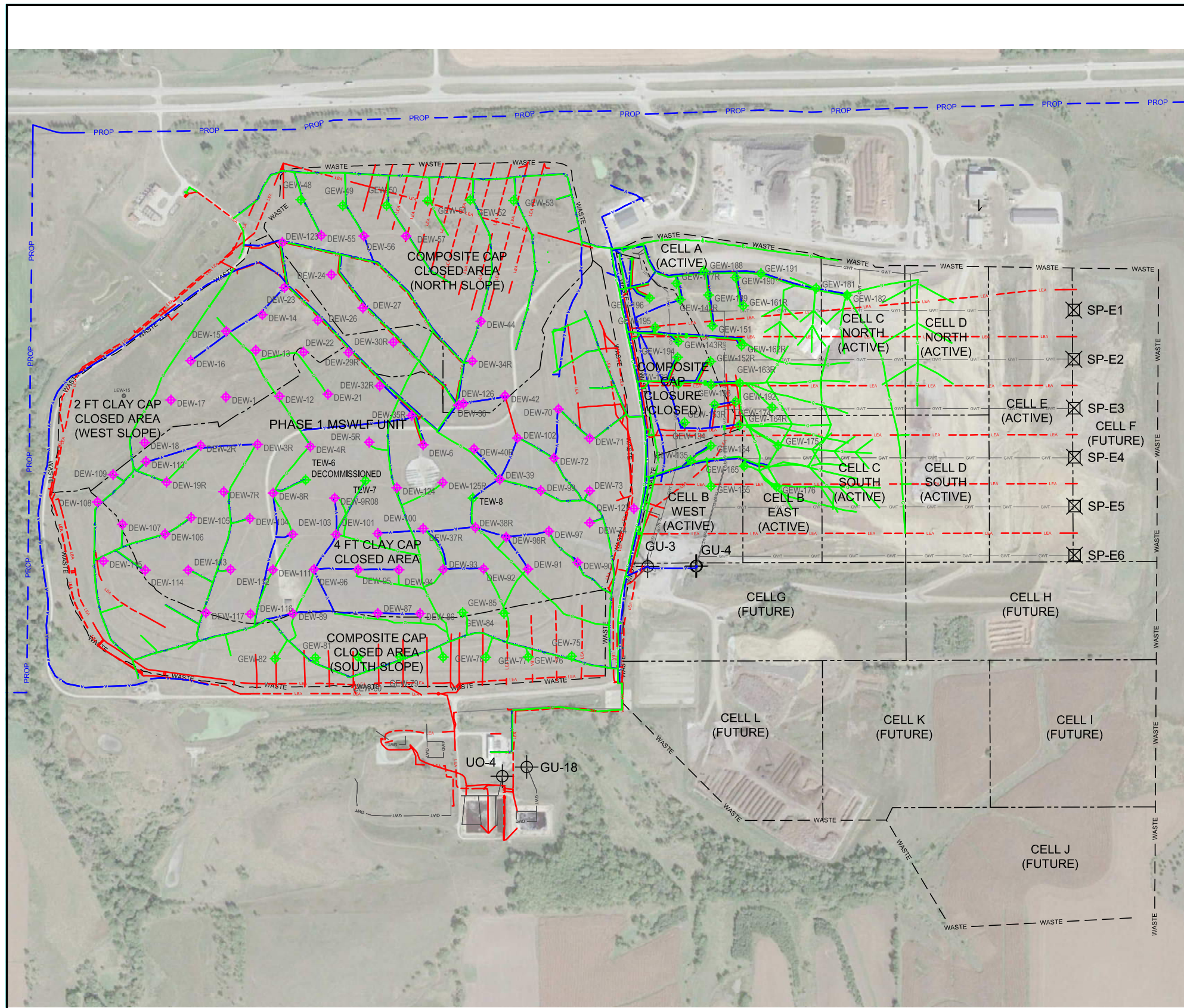


**METRO WASTE AUTHORITY
METRO PARK EAST
PHASE I & PHASE II MSWLF UNITS**

SITE MAP

DATE
JAN 2025
FIGURE

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LEGEND

- PERMITTED EDGE OF WASTE
- CELL BOUNDARY
- PROPERTY LINE
- LEACHATE CONTROL SYSTEM
- AIRLINE
- LFG LINE
- (GWT)
- GAS EXTRACTION WELL (GEW)
- DUEL EXTRACTION WELL (DEW)
- LEACHATE EXTRACTION WELL (LEW)
- STANDPIPE (SP)
- UNDERDRAIN (GU)



**METRO WASTE AUTHORITY
METRO PARK EAST
PHASE I & PHASE II MSWLF UNITS**

LEACHATE CONTROL SYSTEM

DATE
JANUARY 2025

FIGURE

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Tables



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Table 12
July 2023 through December 2024 Leachate Generation and Disposal
Metro Park East Landfill
Permit No. 77-SDP-01-72P

Month	Maximum Head on Liner (ft)										
	Phase II						Phase I				
	Sump A1	Sump A2	Sump A3	Sump B1	Sump B2	Sump B3	LHR-B	Dual Extraction Wells	Sump IA East	Sump IA West	Sump IB
July 2023	Leachate levels were below the compliance elevation of 12-inches above liner throughout the reporting period with the exception of Phase II Sump A1 during the January 2024 data collection event. Refer to Appendix B .						Leachate levels were below the compliance elevation throughout the reporting period with the exception of the September 2023 data collection event. Refer to Appendix B .	Semiannual (September 2023, May 2024, and October 2024) leachate level measurements are included in Appendix A . See Section 3.1 of the LCSPER for a discussion of gauging protocols.	Leachate Levels were below the compliance elevation of 12-inches above liner throughout the reporting period. Refer to Appendix B for graphs, and a discussion in Section 3.2.1 of the LCSPER.		
August 2023											
September 2023											
October 2023											
November 2023											
December 2023											
January 2024											
February 2024											
March 2024											
April 2024											
May 2024											
June 2024											
July 2024											
August 2024											
September 2024											
October 2024											
November 2024											
December 2024											

Month	Leachate Collection ¹ (gallons)					Leachate Treatment/Disposal ¹ (gallons)							Precipitation (in.)	
	Phase IA East	Phase IA West	PS-1	PS-2	Site-Wide Total	Volume Recirculated			Other Disposal		Total	Total		Total
						Working Face ²	Phase II Intermediate Cover ³	Phase II Sprinklers ⁴	Evaporator/Mister ⁵	Solidification ⁶	On-Site Treatment	Discharged to DMWRA ⁷		Treated or Discharged
July 2023	1,000	30,000	115,000	504,000	650,000	15,200	0	733,720	0	0	748,920	703,353	1,452,273	2.32
August 2023	3,000	65,000	130,000	371,000	569,000	0	0	127,062	0	0	127,062	484,947	612,009	2.40
September 2023	1,000	53,000	92,000	509,000	655,000	0	8,000	0	0	0	8,000	401,976	409,976	2.43
October 2023	0	8,000	82,000	535,000	625,000	0	36,000	0	0	0	36,000	513,309	549,309	1.90
November 2023	0	0	80,000	353,000	433,000	20,000	32,000	0	0	0	52,000	643,005	695,005	0.26
December 2023	0	0	82,000	291,000	373,000	8,000	60,000	0	0	0	68,000	302,115	370,115	1.54
January 2024	0	0	94,000	317,000	411,000	0	0	0	0	0	0	323,237	323,237	1.91
February 2024	3,000	0	102,000	293,000	398,000	76,000	78,000	0	0	0	154,000	477,966	631,966	0.42
March 2024	2,000	0	113,000	85,000	200,000	40,000	12,000	0	0	0	52,000	352,722	404,722	2.38
April 2024	3,000	0	102,000	302,000	407,000	15,200	0	0	0	0	15,200	111,451	126,651	2.55
May 2024	5,000	0	345,000	428,000	778,000	34,200	11,400	94,500	0	0	140,100	450,628	590,728	6.05
June 2024	1,000	0	193,000	354,000	548,000	26,600	26,600	265,160	67,250	0	385,610	576,396	962,006	4.13
July 2024	9,000	0	463,000	577,000	1,049,000	42,000	53,400	184,785	66,750	0	346,935	494,928	841,863	8.99
August 2024	3,000	0	301,000	499,000	803,000	83,600	76,000	416,652	126,750	0	703,002	736,976	1,439,978	2.90
September 2024	0	0	135,000	340,000	475,000	260,600	34,200	376,330	138,375	0	809,505	587,748	1,397,253	0.60
October 2024	0	0	105,000	329,000	434,000	467,600	67,800	147,840	66,530	0	749,770	371,727	1,121,497	2.10
November 2024	10,000	0	177,000	360,000	547,000	45,600	0	0	0	0	45,600	294,612	340,212	2.80
December 2024	0	0	144,000	268,000	412,000	15,200	0	0	0	0	15,200	180,731	195,931	1.66
July 2023 to December 2024 Total	41,000	156,000	2,855,000	6,715,000	9,767,000	1,149,800	495,400	2,346,049	465,655	0	4,456,904	8,007,827	12,464,731	47.34

Notes:

¹ Data provided by MWA on a per week basis; monthly cutoffs may not be precise on the start/end dates of the month when they occurred in the middle of the week.

² Leachate recirculated into the working face of Phase II MSWLF unit.

³ Leachate spread on intermediate cover of the Phase II MSWLF unit.

⁴ Leachate applied to the Phase II unit through a sprinkler system.

⁵ Leachate evaporated using evaporator/mister.

⁶ Leachate used for liquid solidification. Solidification with leachate did not occur during the reporting period.

⁷ Leachate hauled to Des Moines Wastewater Reclamation Authority's (DMWRA) Publicly-Owned Treatment Works (POTW).

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Appendix A

Manual Liquid Level
Measurements



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Phase I Semiannual Liquid Level Log

	Facility Name: Metro Park East Phase I	Personnel: Andy Lee
	Phase I Leachate Monitoring	Date/Time: 9/21/2023
	Weather Conditions: Not Recorded	Measuring Equipment: Solinst (Dedicated)

Well ID	MSWLF Unit	Top of Casing (ft AMSL)	Well Bottom Elevation (ft ASML)	Liquid Level Depth Measurement (ft)	Liquid Elevation (ft AMSL)	Comments
DEW-4R	Phase 1	987.61	883.50	43.46	944.15	
DEW-8R	Phase 1	972.90	888.96	19.76	953.14	
DEW-18	Phase 1	915.17	858.70	25.09	890.08	
DEW-21	Phase 1	981.46	906.10	40.57	940.89	
DEW-23	Phase 1	888.09	842.00	28.36	859.73	
DEW-36	Phase 1	981.50	856.00	27.14	954.36	
DEW-44	Phase 1	957.40	887.50	42.51	914.89	
DEW-57	Phase 1	927.70	882.20	45.04	882.66	
DEW-65R	Phase 1	940.45	897.90	26.13	914.32	
DEW-72	Phase 1	958.61	870.00	43.88	914.73	
DEW-89	Phase 1	934.00	844.10	22.16	911.84	
DEW-91	Phase 1	938.36	852.92	41.26	897.10	
DEW-113	Phase 1	944.31	852.27	18.26	926.05	
DEW-125R	Phase 1	971.70	879.28	37.13	934.57	

Notes:

MSWLF - Municipal Solid Waste Landfill


ft ASML - feet above mean sea level

ft - feet

N/A - Not applicable

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Phase I Semiannual Liquid Level Log

	Facility Name: Metro Park East Phase I	Personnel: Brian Bostock
	Phase I Leachate Monitoring	Date/Time: 5/16/2024 0800-1120
	Weather Conditions: Sunny, 68 deg. F	Measuring Equipment: Solinst (Dedicated)

Well ID	MSWLF Unit	Top of Casing (ft AMSL)	Well Bottom Elevation (ft ASML)	Liquid Level Depth Measurement (ft)	Liquid Elevation (ft AMSL)	Comments
DEW-4R	Phase 1	987.61	883.50	57.61	930.00	
DEW-8R	Phase 1	972.90	888.96	73.29	899.61	
DEW-18	Phase 1	915.17	858.70	23.68	891.49	
DEW-21	Phase 1	981.46	906.10	DRY	N/A	
DEW-23	Phase 1	888.09	842.00	23.92	864.17	
DEW-36	Phase 1	981.50	856.00	DRY	N/A	
DEW-44	Phase 1	957.40	887.50	38.28	919.12	
DEW-57	Phase 1	927.70	882.20	41.89	885.81	
DEW-65R	Phase 1	940.45	897.90	23.69	916.76	
DEW-72	Phase 1	958.61	870.00	41.26	917.35	
DEW-89	Phase 1	934.00	844.10	19.37	914.63	
DEW-91	Phase 1	938.36	852.92	43.42	894.94	
DEW-113	Phase 1	944.31	852.27	47.35	896.96	
DEW-125R	Phase 1	971.70	879.28	44.82	926.88	

Notes:

MSWLF - Municipal Solid Waste Landfill


ft ASML - feet above mean sea level

ft - feet

N/A - Not applicable

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Phase I Semiannual Liquid Level Log

	Facility Name: Metro Park East Phase I	Personnel: Richard Wilson
	Phase I Leachate Monitoring	Date/Time: 10/10/2024 1130-1510
	Weather Conditions: Sunny, Upper 50s deg. F	Measuring Equipment: Solinst (Dedicated)

Well ID	MSWLF Unit	Top of Casing (ft AMSL)	Well Bottom Elevation (ft ASML)	Liquid Level Depth Measurement (ft)	Liquid Elevation (ft AMSL)	Comments
DEW-4R	Phase 1	987.61	883.50	53.42	934.19	
DEW-8R	Phase 1	972.90	888.96	20.90	952.00	
DEW-18	Phase 1	915.17	858.70	23.42	891.75	
DEW-21	Phase 1	981.46	906.10	DRY	N/A	
DEW-23	Phase 1	888.09	842.00	24.88	863.21	
DEW-36	Phase 1	981.50	856.00	39.44	942.06	
DEW-44	Phase 1	957.40	887.50	38.65	918.75	
DEW-57	Phase 1	927.70	882.20	42.31	885.39	
DEW-65R	Phase 1	940.45	897.90	20.92	919.53	
DEW-72	Phase 1	958.61	870.00	24.78	933.83	
DEW-89	Phase 1	934.00	844.10	21.84	912.16	
DEW-91	Phase 1	938.36	852.92	48.35	890.01	
DEW-113	Phase 1	944.31	852.27	NM	N/A	See Note #1
DEW-125R	Phase 1	971.70	879.28	30.27	941.43	

Notes:

MSWLF - Municipal Solid Waste Landfill



ft ASML - feet above mean sea level

ft - feet


N/A - Not applicable

- Advancement of the water level indicator (WLI) in DEW-113 was stopped by an obstruction at a depth of ~34.00 feet below top of casing. Mud was observed on the tip of the WLI.

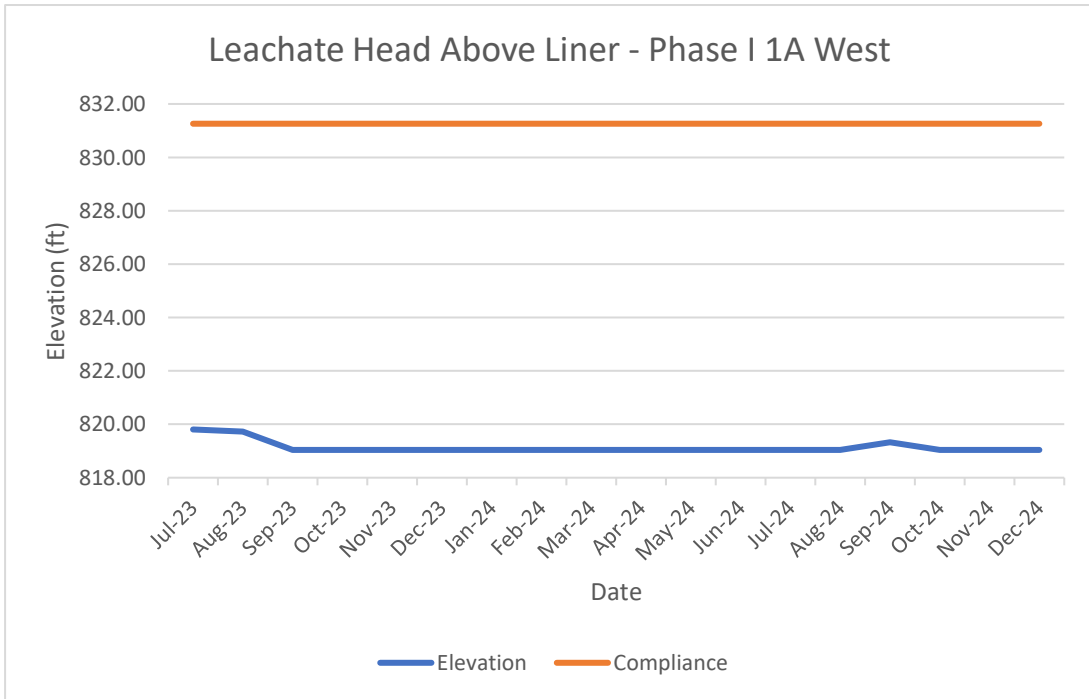
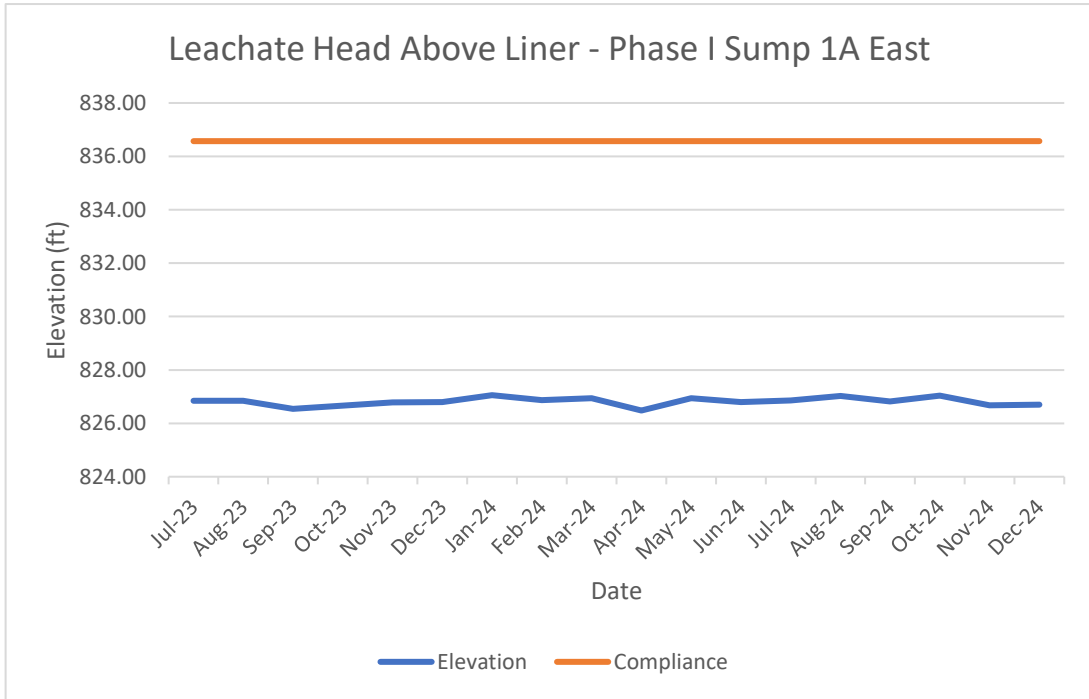
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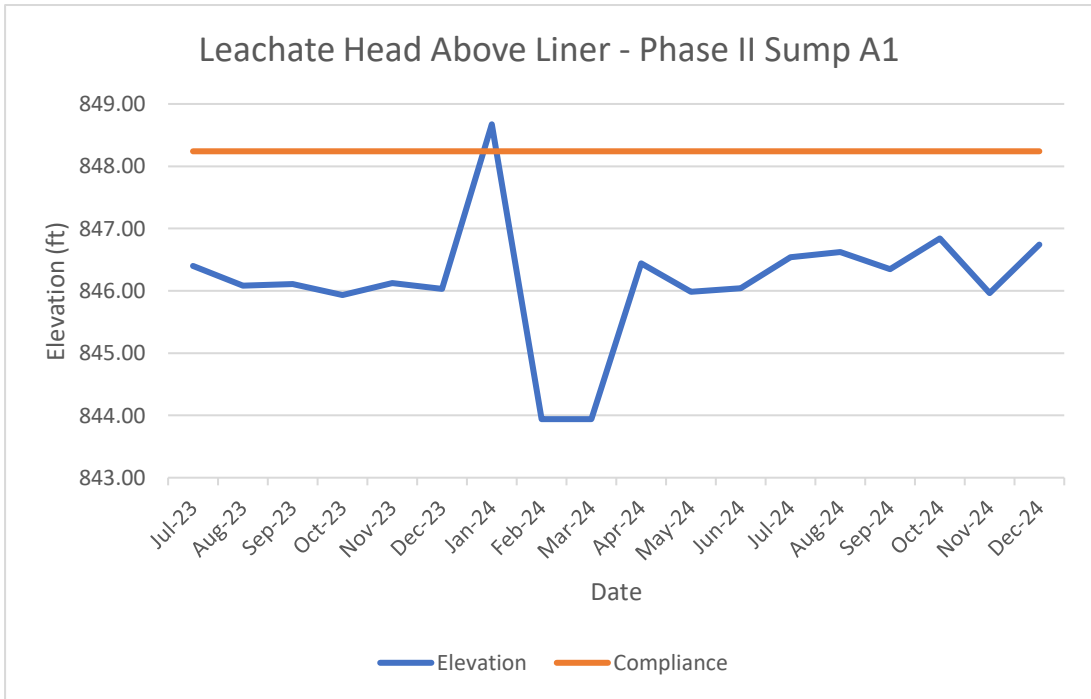
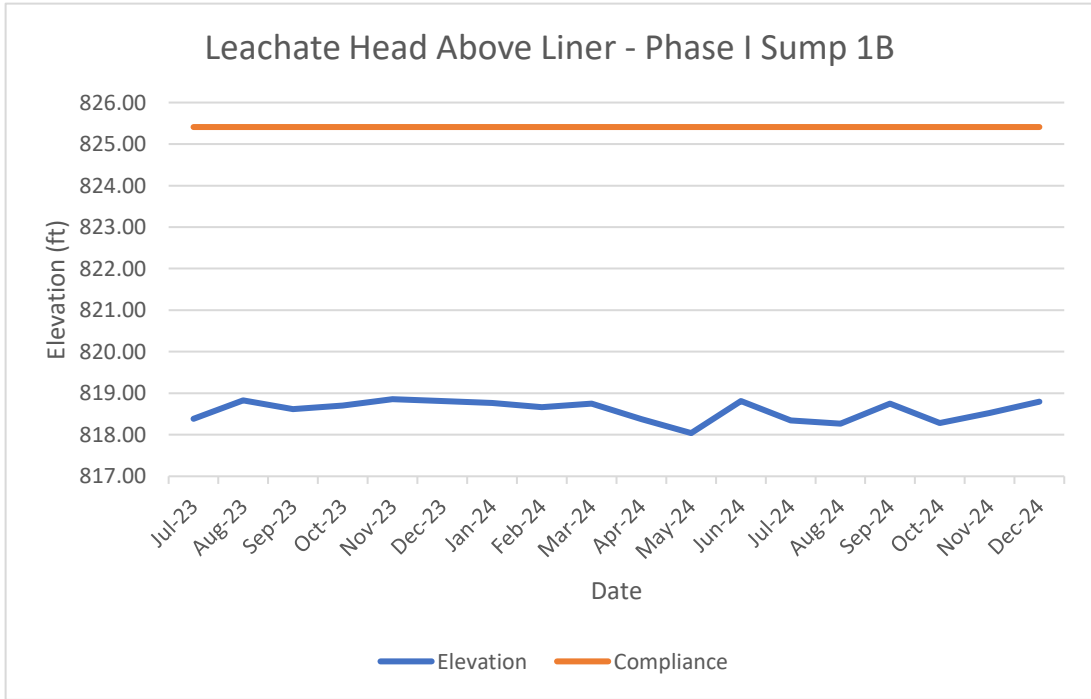


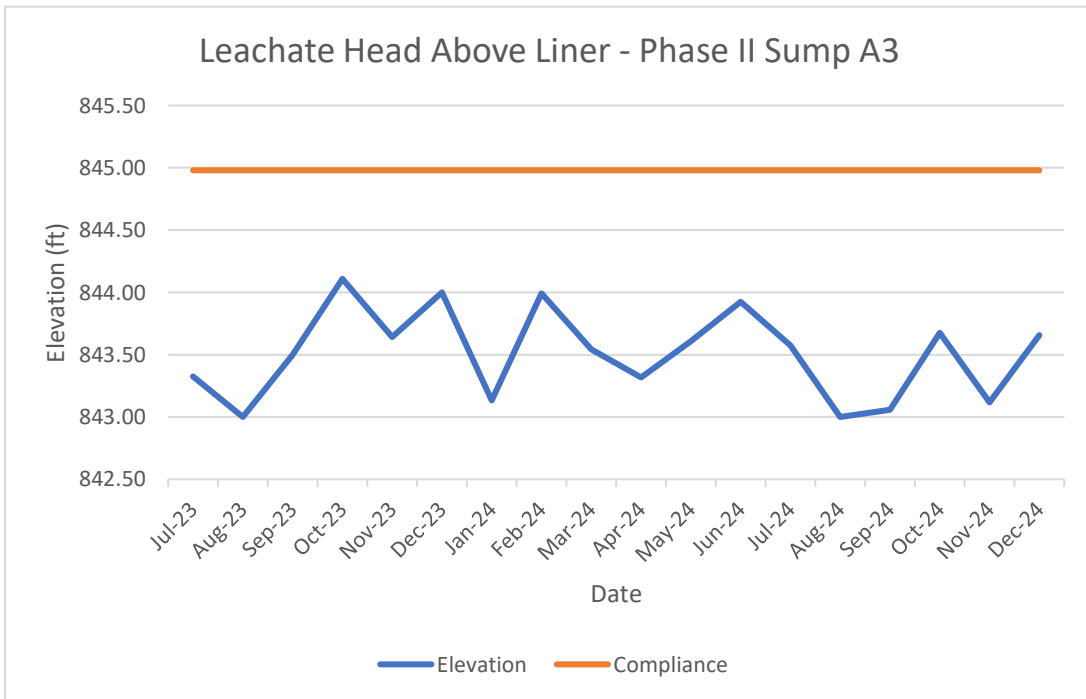
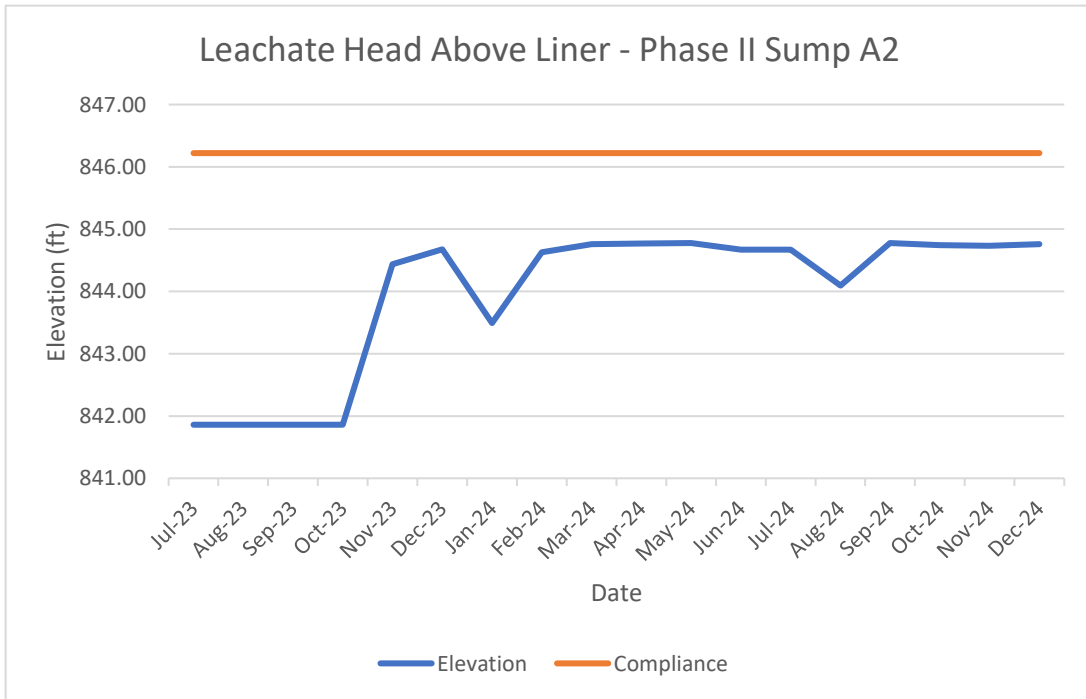
Appendix B
Sump and Piezometer
Level Graphs

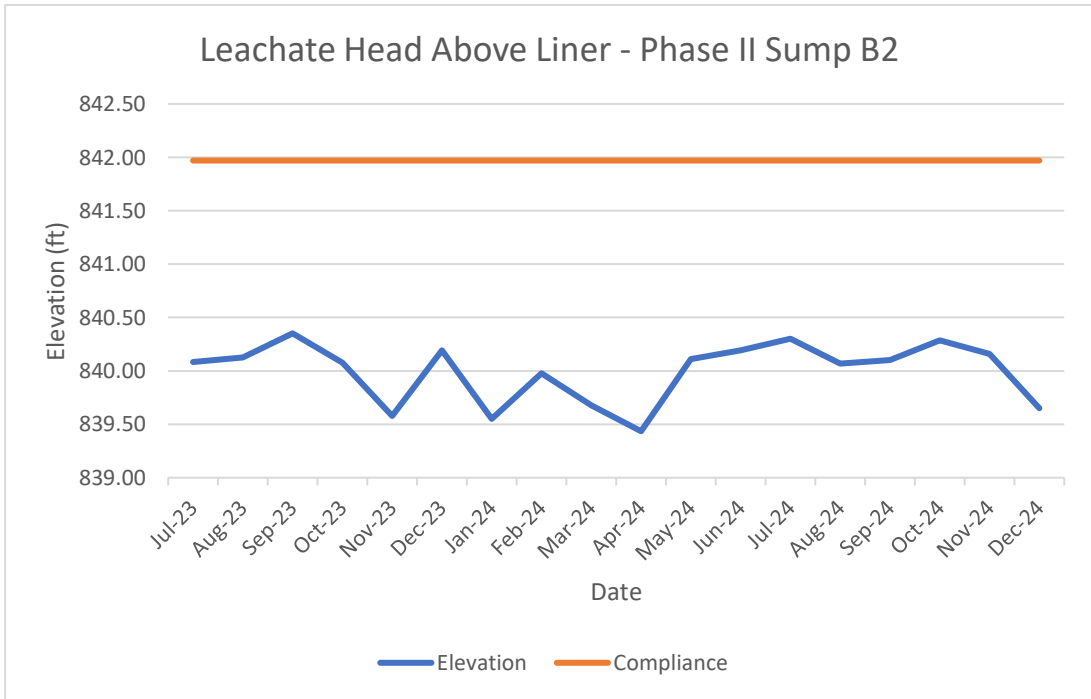
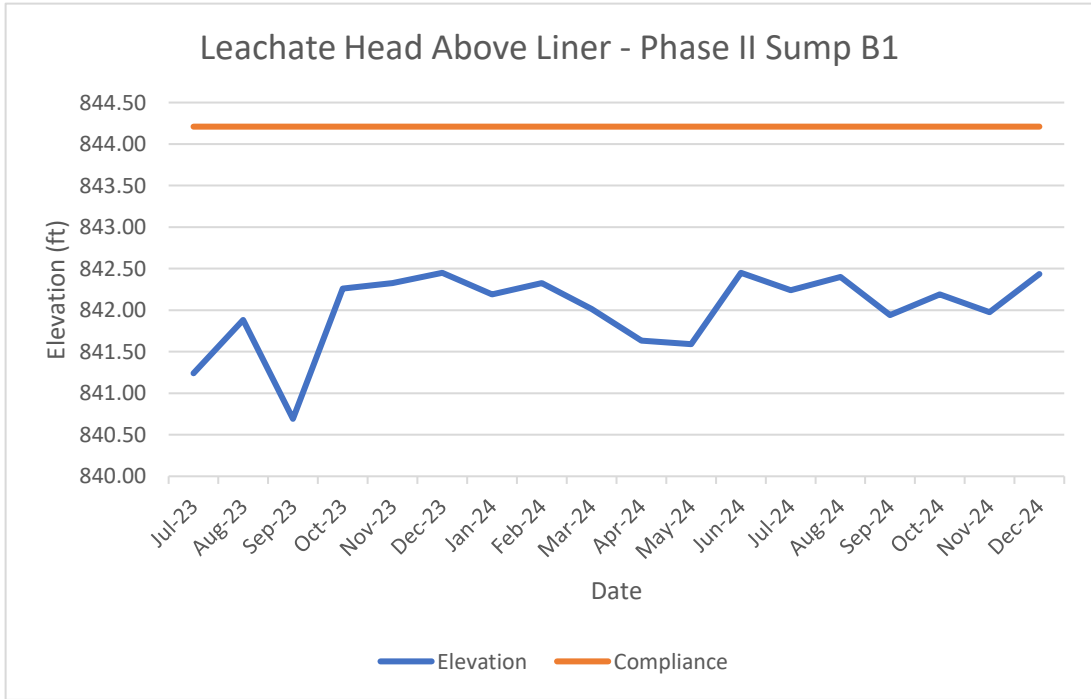


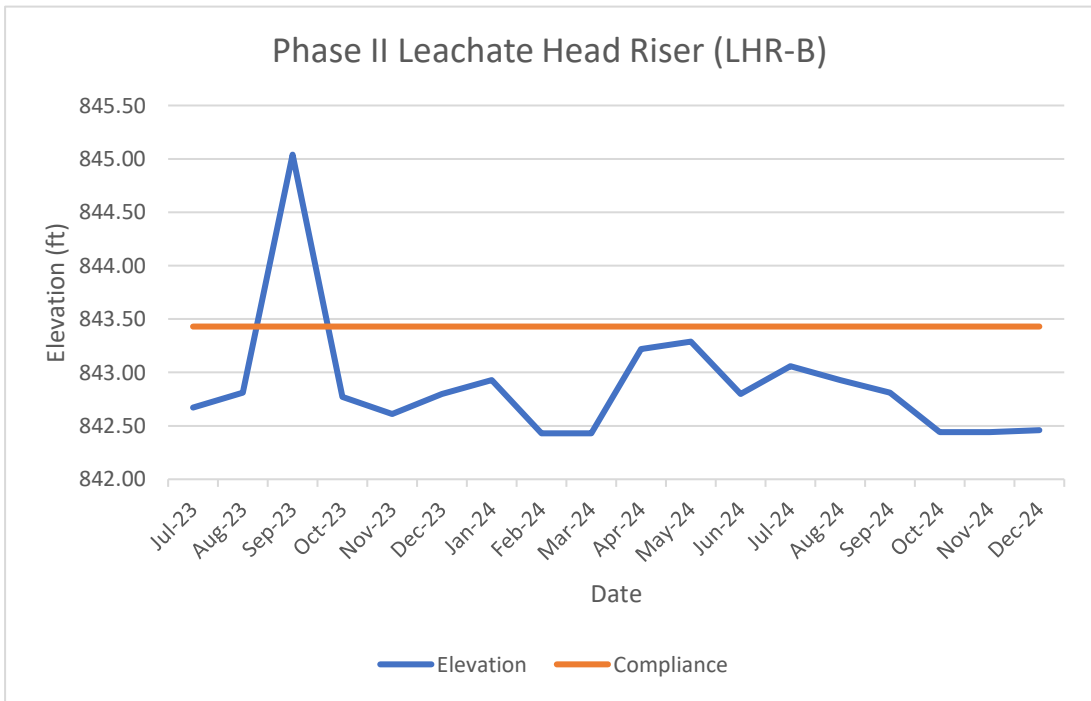
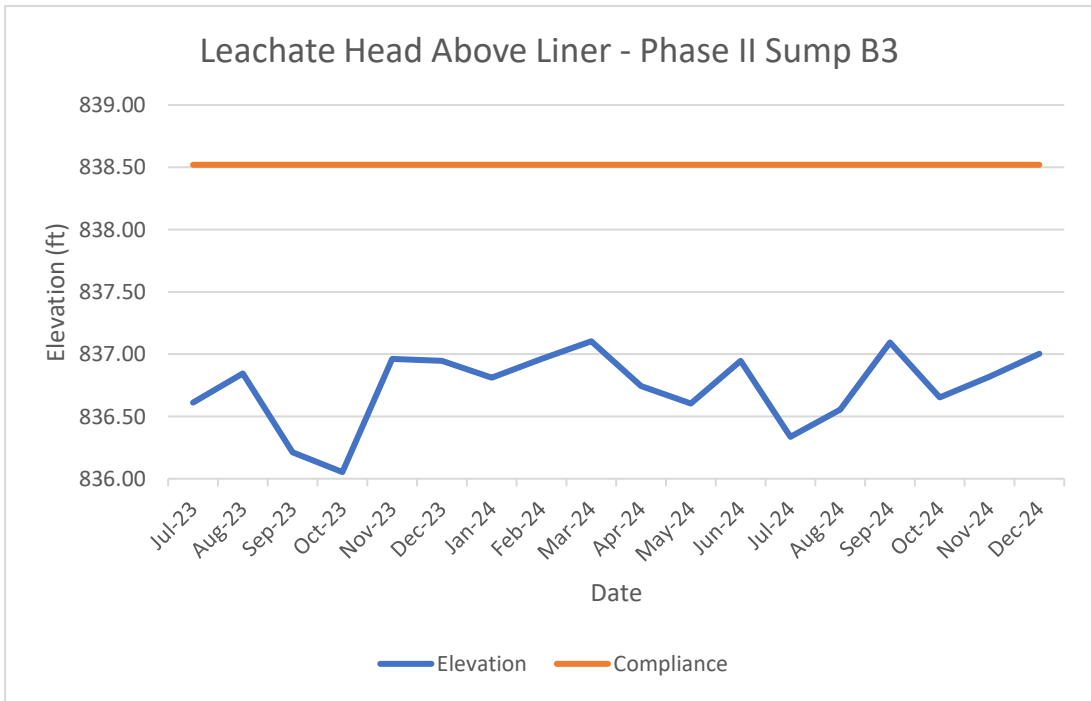
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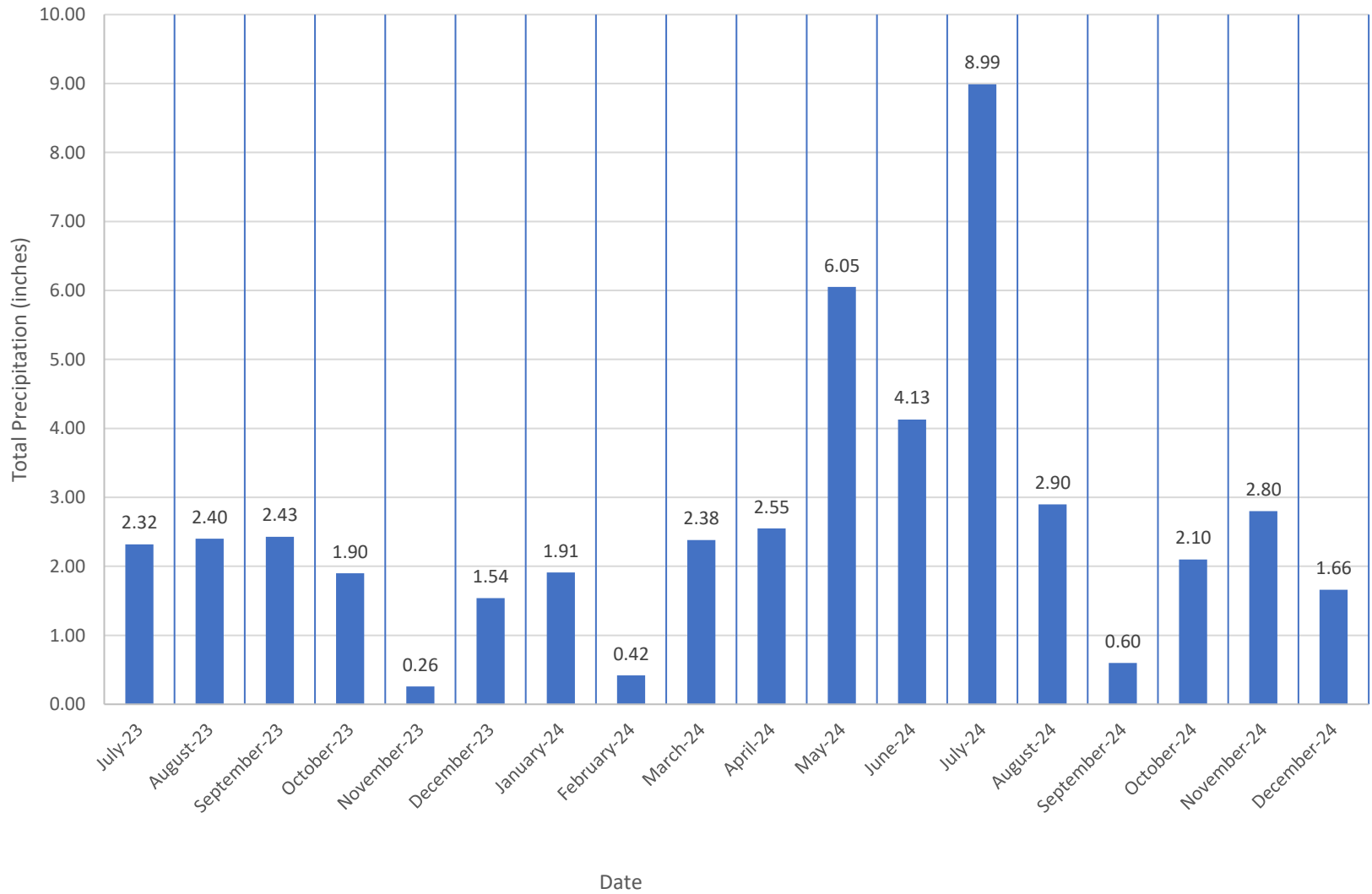




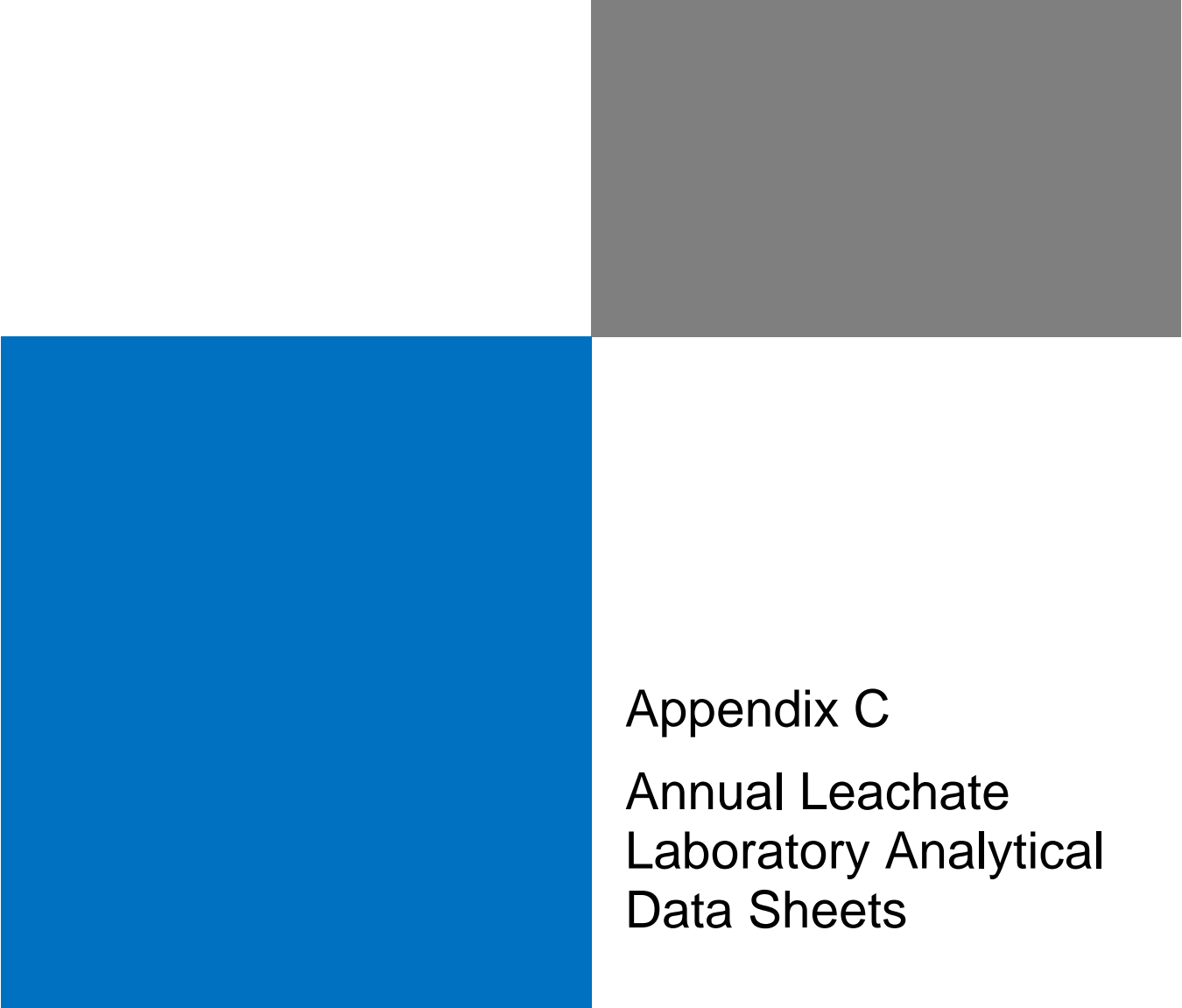


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Total Monthly Precipitation (inches)



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Appendix C
Annual Leachate
Laboratory Analytical
Data Sheets



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ANALYTICAL REPORT

PREPARED FOR

Attn: Richard Wilson
HDR Inc
1917 S 67th Street
Omaha, Nebraska 68106
Generated 10/5/2023 10:36:49 AM

JOB DESCRIPTION

Metro Park EAST-Landfill-Ph II

JOB NUMBER

310-265371-1

Eurofins Cedar Falls

Job Notes

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The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing North Central, LLC Project Manager.

Authorization



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Meredith Liechti, Service Center Manager
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(319)277-2401



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Case Narrative

Client: HDR Inc
Project/Site: Metro Park EAST-Landfill-Ph II

Job ID: 310-265371-1

Job ID: 310-265371-1

Laboratory: Eurofins Cedar Falls

Narrative

Job Narrative 310-265371-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers are applied to indicate exceptions. Noncompliant quality control (QC) is further explained in narrative comments.

Matrix QC may not be reported if insufficient sample or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method. Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Receipt

The samples were received on 9/21/2023 4:25 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 1.8°C

GC/MS VOA

Method 8260D: The following sample was collected in a properly preserved vial; however, the pH was outside the required criteria when verified by the laboratory. The sample was analyzed within the 7-day holding time specified for unpreserved samples: Leachate (310-265371-4).

Method 8260D: The continuing calibration verification (CCV) associated with batch 310-400407 recovered above the upper control limit for Trichlorofluoromethane (25.6%D). The samples associated with this CCV were non-detects for the affected analyte; therefore, the data have been reported. The associated sample is impacted: (CCV 310-400407/4).

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

GC/MS Semi VOA

Method 8270E: The continuing calibration verification (CCV) associated with batch 310-400415 recovered above the upper control limit 4-Nitrophenol (20.2%D). The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

PCBs

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Pesticides

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Metals

Method 245.2: The following sample was received with insufficient preservation: Leachate (310-265371-4). The maximum amount of preservative was added by the laboratory, but the sample remained strongly basic. No further attempt was made to acidify the sample, as it would have diluted the sample. This does not meet regulatory requirements.

Method 6020B: The following sample was received with insufficient preservation: Leachate (310-265371-4). The client was contacted and preservative was added by the laboratory, but the sample remained strongly basic. No further attempt was made to acidify the sample, as it would have diluted the sample. This does not meet regulatory requirements.

Method 6020B: Due to difficult matrix, only 10mL of sample was digested. Leachate (310-265371-4)

Case Narrative

Client: HDR Inc
Project/Site: Metro Park EAST-Landfill-Ph II

Job ID: 310-265371-1

Job ID: 310-265371-1 (Continued)

Laboratory: Eurofins Cedar Falls (Continued)

Method 6020B: The continuing calibration verification (CCV) associated with batch 310-401128 recovered above the upper control limit for Thallium. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

General Chemistry

Method 1664A: The reference method requires samples to be preserved to a pH of <2. The following sample was received with insufficient preservation at a pH of >2: Leachate (310-265371-4). The sample(s) was preserved to the appropriate pH in the laboratory.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

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Sample Summary

Client: HDR Inc
Project/Site: Metro Park EAST-Landfill-Ph II

Job ID: 310-265371-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
310-265371-1	MW-B	Ground Water	09/21/23 10:05	09/21/23 16:25
310-265371-2	MW-C	Ground Water	09/21/23 09:25	09/21/23 16:25
310-265371-3	MW-E	Ground Water	09/21/23 08:30	09/21/23 16:25
310-265371-4	Leachate	Ground Water	09/21/23 10:55	09/21/23 16:25
310-265371-5	DUP-4	Ground Water	09/21/23 07:45	09/21/23 16:25

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Client Sample Results

Client: HDR Inc
Project/Site: Metro Park EAST-Landfill-Ph II

Job ID: 310-265371-1

Client Sample ID: Leachate

Lab Sample ID: 310-265371-4

Date Collected: 09/21/23 10:55

Matrix: Ground Water

Date Received: 09/21/23 16:25

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	3790		100	31.0	ug/L			09/23/23 19:48	10
Acrylonitrile	<50.0		50.0	22.0	ug/L			09/23/23 19:48	10
Benzene	2.30	J	5.00	2.20	ug/L			09/23/23 19:48	10
Bromochloromethane	<50.0		50.0	5.40	ug/L			09/23/23 19:48	10
Bromodichloromethane	<10.0		10.0	3.90	ug/L			09/23/23 19:48	10
Bromoform	<50.0		50.0	7.80	ug/L			09/23/23 19:48	10
Bromomethane	<40.0		40.0	11.0	ug/L			09/23/23 19:48	10
2-Butanone (MEK)	2630		100	21.0	ug/L			09/23/23 19:48	10
Carbon disulfide	<10.0		10.0	4.50	ug/L			09/23/23 19:48	10
Carbon tetrachloride	<20.0		20.0	6.50	ug/L			09/23/23 19:48	10
Chlorobenzene	<10.0		10.0	4.00	ug/L			09/23/23 19:48	10
Chlorodibromomethane	<50.0		50.0	7.50	ug/L			09/23/23 19:48	10
Chloroethane	<40.0		40.0	7.90	ug/L			09/23/23 19:48	10
Chloroform	<30.0		30.0	13.0	ug/L			09/23/23 19:48	10
Chloromethane	<30.0		30.0	6.10	ug/L			09/23/23 19:48	10
cis-1,2-Dichloroethene	<10.0		10.0	2.10	ug/L			09/23/23 19:48	10
cis-1,3-Dichloropropene	<50.0		50.0	2.50	ug/L			09/23/23 19:48	10
1,2-Dibromo-3-chloropropane	<50.0		50.0	12.0	ug/L			09/23/23 19:48	10
1,2-Dibromoethane (EDB)	<10.0		10.0	3.40	ug/L			09/23/23 19:48	10
Dibromomethane	<10.0		10.0	3.30	ug/L			09/23/23 19:48	10
1,2-Dichlorobenzene	<10.0		10.0	3.70	ug/L			09/23/23 19:48	10
1,4-Dichlorobenzene	2.90	J	10.0	2.30	ug/L			09/23/23 19:48	10
1,1-Dichloroethane	<10.0		10.0	2.20	ug/L			09/23/23 19:48	10
1,2-Dichloroethane	<10.0		10.0	3.90	ug/L			09/23/23 19:48	10
1,1-Dichloroethene	<20.0		20.0	5.60	ug/L			09/23/23 19:48	10
1,2-Dichloropropane	<10.0		10.0	2.70	ug/L			09/23/23 19:48	10
Ethylbenzene	4.64	J	10.0	3.10	ug/L			09/23/23 19:48	10
2-Hexanone	<100		100	20.0	ug/L			09/23/23 19:48	10
Iodomethane	<100		100	70.0	ug/L			09/23/23 19:48	10
Methylene chloride	<50.0		50.0	17.0	ug/L			09/23/23 19:48	10
4-Methyl-2-pentanone (MIBK)	50.4	J	100	21.0	ug/L			09/23/23 19:48	10
Styrene	<10.0		10.0	3.70	ug/L			09/23/23 19:48	10
1,1,1,2-Tetrachloroethane	<10.0		10.0	3.80	ug/L			09/23/23 19:48	10
1,1,2,2-Tetrachloroethane	<10.0		10.0	4.70	ug/L			09/23/23 19:48	10
Tetrachloroethene	<10.0		10.0	4.80	ug/L			09/23/23 19:48	10
Toluene	8.02	J	10.0	4.30	ug/L			09/23/23 19:48	10
trans-1,4-Dichloro-2-butene	<100		100	11.0	ug/L			09/23/23 19:48	10
trans-1,2-Dichloroethene	<10.0		10.0	2.70	ug/L			09/23/23 19:48	10
trans-1,3-Dichloropropene	<50.0		50.0	5.60	ug/L			09/23/23 19:48	10
1,1,1-Trichloroethane	<10.0		10.0	1.90	ug/L			09/23/23 19:48	10
1,1,2-Trichloroethane	<10.0		10.0	4.50	ug/L			09/23/23 19:48	10
Trichloroethene	<10.0		10.0	4.30	ug/L			09/23/23 19:48	10
Trichlorofluoromethane	<40.0		40.0	3.80	ug/L			09/23/23 19:48	10
1,2,3-Trichloropropane	<10.0		10.0	5.90	ug/L			09/23/23 19:48	10
Vinyl acetate	<100		100	25.0	ug/L			09/23/23 19:48	10
Vinyl chloride	<10.0		10.0	1.80	ug/L			09/23/23 19:48	10
Xylenes, Total	14.9	J	30.0	4.00	ug/L			09/23/23 19:48	10

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	97		80 - 120		09/23/23 19:48	10

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Client Sample Results

Client: HDR Inc
 Project/Site: Metro Park EAST-Landfill-Ph II

Job ID: 310-265371-1

Client Sample ID: Leachate

Lab Sample ID: 310-265371-4

Date Collected: 09/21/23 10:55

Matrix: Ground Water

Date Received: 09/21/23 16:25

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Dibromofluoromethane (Surr)	115		80 - 128		09/23/23 19:48	10
Toluene-d8 (Surr)	100		80 - 120		09/23/23 19:48	10

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<9.62		9.62	0.538	ug/L		09/22/23 06:17	09/22/23 19:02	1
1,2-Dichlorobenzene	<9.62		9.62	0.596	ug/L		09/22/23 06:17	09/22/23 19:02	1
1,3-Dichlorobenzene	<9.62		9.62	0.615	ug/L		09/22/23 06:17	09/22/23 19:02	1
1,4-Dichlorobenzene	<9.62		9.62	0.615	ug/L		09/22/23 06:17	09/22/23 19:02	1
2,4,5-Trichlorophenol	<9.62		9.62	5.10	ug/L		09/22/23 06:17	09/22/23 19:02	1
2,4,6-Trichlorophenol	<9.62		9.62	4.81	ug/L		09/22/23 06:17	09/22/23 19:02	1
2,4-Dichlorophenol	3.66	J	9.62	0.817	ug/L		09/22/23 06:17	09/22/23 19:02	1
2,4-Dimethylphenol	4.96	J	9.62	0.558	ug/L		09/22/23 06:17	09/22/23 19:02	1
2,4-Dinitrophenol	<19.2		19.2	12.5	ug/L		09/22/23 06:17	09/22/23 19:02	1
2,4-Dinitrotoluene	<9.62		9.62	6.15	ug/L		09/22/23 06:17	09/22/23 19:02	1
2,6-Dinitrotoluene	9.79		9.62	0.500	ug/L		09/22/23 06:17	09/22/23 19:02	1
2-Chloronaphthalene	<9.62		9.62	0.615	ug/L		09/22/23 06:17	09/22/23 19:02	1
2-Chlorophenol	<9.62		9.62	0.519	ug/L		09/22/23 06:17	09/22/23 19:02	1
2-Methylnaphthalene	1.59	J	9.62	0.567	ug/L		09/22/23 06:17	09/22/23 19:02	1
2-Methylphenol	10.7		9.62	0.625	ug/L		09/22/23 06:17	09/22/23 19:02	1
2-Nitroaniline	<9.62		9.62	5.67	ug/L		09/22/23 06:17	09/22/23 19:02	1
2-Nitrophenol	<9.62		9.62	6.54	ug/L		09/22/23 06:17	09/22/23 19:02	1
3,3'-Dichlorobenzidine	<9.62		9.62	1.35	ug/L		09/22/23 06:17	09/22/23 19:02	1
3-Nitroaniline	<9.62		9.62	2.60	ug/L		09/22/23 06:17	09/22/23 19:02	1
4,6-Dinitro-2-methylphenol	<9.62		9.62	6.63	ug/L		09/22/23 06:17	09/22/23 19:02	1
4-Bromophenyl phenyl ether	<9.62		9.62	0.673	ug/L		09/22/23 06:17	09/22/23 19:02	1
4-Chloro-3-methylphenol	<9.62		9.62	0.808	ug/L		09/22/23 06:17	09/22/23 19:02	1
4-Chloroaniline	<9.62		9.62	0.596	ug/L		09/22/23 06:17	09/22/23 19:02	1
4-Chlorophenyl phenyl ether	<9.62		9.62	0.663	ug/L		09/22/23 06:17	09/22/23 19:02	1
4-Methylphenol (and/or 3-Methylphenol)	379		9.62	0.673	ug/L		09/22/23 06:17	09/22/23 19:02	1
4-Nitroaniline	<9.62		9.62	1.25	ug/L		09/22/23 06:17	09/22/23 19:02	1
4-Nitrophenol	<9.62		9.62	7.31	ug/L		09/22/23 06:17	09/22/23 19:02	1
Acenaphthene	2.14	J	9.62	0.615	ug/L		09/22/23 06:17	09/22/23 19:02	1
Acenaphthylene	<9.62		9.62	0.692	ug/L		09/22/23 06:17	09/22/23 19:02	1
Anthracene	<9.62		9.62	0.837	ug/L		09/22/23 06:17	09/22/23 19:02	1
Benzidine	<19.2		19.2	1.06	ug/L		09/22/23 06:17	09/22/23 19:02	1
Benzo(a)anthracene	<9.62		9.62	0.817	ug/L		09/22/23 06:17	09/22/23 19:02	1
Benzo(a)pyrene	<9.62		9.62	7.79	ug/L		09/22/23 06:17	09/22/23 19:02	1
Benzo(b)fluoranthene	<9.62		9.62	4.71	ug/L		09/22/23 06:17	09/22/23 19:02	1
Benzo(g,h,i)perylene	<9.62		9.62	6.06	ug/L		09/22/23 06:17	09/22/23 19:02	1
Benzo(k)fluoranthene	<9.62		9.62	2.12	ug/L		09/22/23 06:17	09/22/23 19:02	1
Benzoic acid	77.6	J	96.2	16.3	ug/L		09/22/23 06:17	09/22/23 19:02	1
Benzyl alcohol	<9.62		9.62	1.25	ug/L		09/22/23 06:17	09/22/23 19:02	1
Bis(2-chloroethoxy)methane	<9.62		9.62	0.731	ug/L		09/22/23 06:17	09/22/23 19:02	1
Bis(2-chloroethyl)ether	<9.62		9.62	0.788	ug/L		09/22/23 06:17	09/22/23 19:02	1
bis(2-chloroisopropyl) ether	<9.62		9.62	0.519	ug/L		09/22/23 06:17	09/22/23 19:02	1
Bis(2-ethylhexyl) phthalate	6.06	J	9.62	5.29	ug/L		09/22/23 06:17	09/22/23 19:02	1
Butyl benzyl phthalate	<9.62		9.62	5.19	ug/L		09/22/23 06:17	09/22/23 19:02	1

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Client Sample Results

Client: HDR Inc
Project/Site: Metro Park EAST-Landfill-Ph II

Job ID: 310-265371-1

Client Sample ID: Leachate

Lab Sample ID: 310-265371-4

Date Collected: 09/21/23 10:55

Matrix: Ground Water

Date Received: 09/21/23 16:25

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbazole	<9.62		9.62	0.962	ug/L		09/22/23 06:17	09/22/23 19:02	1
Chrysene	<9.62		9.62	0.837	ug/L		09/22/23 06:17	09/22/23 19:02	1
Dibenz(a,h)anthracene	<9.62		9.62	3.75	ug/L		09/22/23 06:17	09/22/23 19:02	1
Dibenzofuran	<9.62		9.62	0.712	ug/L		09/22/23 06:17	09/22/23 19:02	1
Diethyl phthalate	3.14	J	9.62	1.63	ug/L		09/22/23 06:17	09/22/23 19:02	1
Dimethyl phthalate	<9.62		9.62	0.962	ug/L		09/22/23 06:17	09/22/23 19:02	1
Di-n-butyl phthalate	<9.62		9.62	5.38	ug/L		09/22/23 06:17	09/22/23 19:02	1
Di-n-octyl phthalate	<19.2		19.2	6.73	ug/L		09/22/23 06:17	09/22/23 19:02	1
Fluoranthene	<9.62		9.62	1.63	ug/L		09/22/23 06:17	09/22/23 19:02	1
Fluorene	1.92	J	9.62	0.760	ug/L		09/22/23 06:17	09/22/23 19:02	1
Hexachlorobenzene	<9.62		9.62	0.673	ug/L		09/22/23 06:17	09/22/23 19:02	1
Hexachlorobutadiene	<9.62		9.62	0.827	ug/L		09/22/23 06:17	09/22/23 19:02	1
Hexachlorocyclopentadiene	<9.62		9.62	4.90	ug/L		09/22/23 06:17	09/22/23 19:02	1
Hexachloroethane	<9.62		9.62	0.933	ug/L		09/22/23 06:17	09/22/23 19:02	1
Indeno(1,2,3-cd)pyrene	<9.62		9.62	4.04	ug/L		09/22/23 06:17	09/22/23 19:02	1
Isophorone	<9.62		9.62	0.894	ug/L		09/22/23 06:17	09/22/23 19:02	1
Naphthalene	<9.62		9.62	5.87	ug/L		09/22/23 06:17	09/22/23 19:02	1
Nitrobenzene	<9.62		9.62	0.769	ug/L		09/22/23 06:17	09/22/23 19:02	1
N-Nitrosodimethylamine	<9.62		9.62	0.692	ug/L		09/22/23 06:17	09/22/23 19:02	1
N-Nitrosodi-n-propylamine	<9.62		9.62	0.885	ug/L		09/22/23 06:17	09/22/23 19:02	1
N-Nitrosodiphenylamine	<9.62		9.62	0.721	ug/L		09/22/23 06:17	09/22/23 19:02	1
Pentachlorophenol	10.3		9.62	9.23	ug/L		09/22/23 06:17	09/22/23 19:02	1
Phenanthrene	3.56	J	9.62	0.760	ug/L		09/22/23 06:17	09/22/23 19:02	1
Phenol	251		9.62	1.06	ug/L		09/22/23 06:17	09/22/23 19:02	1
Pyrene	<9.62		9.62	0.760	ug/L		09/22/23 06:17	09/22/23 19:02	1
Pyridine	21.7		9.62	1.54	ug/L		09/22/23 06:17	09/22/23 19:02	1
Total Cresols	390		9.62	0.673	ug/L		09/22/23 06:17	09/22/23 19:02	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorophenol (Surr)	72		25 - 110	09/22/23 06:17	09/22/23 19:02	1
Phenol-d5 (Surr)	72		21 - 110	09/22/23 06:17	09/22/23 19:02	1
Nitrobenzene-d5 (Surr)	76		45 - 129	09/22/23 06:17	09/22/23 19:02	1
2-Fluorobiphenyl (Surr)	79		39 - 118	09/22/23 06:17	09/22/23 19:02	1
2,4,6-Tribromophenol (Surr)	105		27 - 136	09/22/23 06:17	09/22/23 19:02	1
Terphenyl-d14 (Surr)	58		12 - 144	09/22/23 06:17	09/22/23 19:02	1

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aldrin	<0.0667		0.0667	0.0333	ug/L		09/22/23 06:46	09/27/23 13:08	1
alpha-BHC	<0.0667		0.0667	0.0302	ug/L		09/22/23 06:46	09/27/23 13:08	1
beta-BHC	<0.0667		0.0667	0.0385	ug/L		09/22/23 06:46	09/27/23 13:08	1
gamma-BHC (Lindane)	<0.0667		0.0667	0.0375	ug/L		09/22/23 06:46	09/27/23 13:08	1
Chlordane (technical)	<2.08		2.08	0.844	ug/L		09/22/23 06:46	09/27/23 13:08	1
delta-BHC	<0.0667		0.0667	0.0281	ug/L		09/22/23 06:46	09/27/23 13:08	1
Dieldrin	<0.0667		0.0667	0.0271	ug/L		09/22/23 06:46	09/27/23 13:08	1
4,4'-DDD	<0.0667		0.0667	0.0281	ug/L		09/22/23 06:46	09/27/23 13:08	1
4,4'-DDE	<0.0667		0.0667	0.0281	ug/L		09/22/23 06:46	09/27/23 13:08	1
4,4'-DDT	<0.0667		0.0667	0.0438	ug/L		09/22/23 06:46	09/27/23 13:08	1
Endosulfan I	<0.0667		0.0667	0.0344	ug/L		09/22/23 06:46	09/27/23 13:08	1
Endosulfan II	<0.0667		0.0667	0.0302	ug/L		09/22/23 06:46	09/27/23 13:08	1

Eurofins Cedar Falls

Client Sample Results

Client: HDR Inc
 Project/Site: Metro Park EAST-Landfill-Ph II

Job ID: 310-265371-1

Client Sample ID: Leachate

Lab Sample ID: 310-265371-4

Date Collected: 09/21/23 10:55

Matrix: Ground Water

Date Received: 09/21/23 16:25

Method: SW846 8081B - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Endosulfan sulfate	<0.0667		0.0667	0.0313	ug/L		09/22/23 06:46	09/27/23 13:08	1
Endrin	<0.0667		0.0667	0.0271	ug/L		09/22/23 06:46	09/27/23 13:08	1
Endrin aldehyde	<0.0667		0.0667	0.0302	ug/L		09/22/23 06:46	09/27/23 13:08	1
Heptachlor	<0.0667		0.0667	0.0344	ug/L		09/22/23 06:46	09/27/23 13:08	1
Heptachlor epoxide	<0.0667		0.0667	0.0302	ug/L		09/22/23 06:46	09/27/23 13:08	1
Methoxychlor	<0.0667		0.0667	0.0427	ug/L		09/22/23 06:46	09/27/23 13:08	1
Toxaphene	<2.08		2.08	0.719	ug/L		09/22/23 06:46	09/27/23 13:08	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr)	16		10 - 136				09/22/23 06:46	09/27/23 13:08	1
Tetrachloro-m-xylene (Surr)	39		10 - 130				09/22/23 06:46	09/27/23 13:08	1

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.833		0.833	0.177	ug/L		09/22/23 06:46	09/27/23 13:08	1
PCB-1221	<0.833		0.833	0.177	ug/L		09/22/23 06:46	09/27/23 13:08	1
PCB-1232	<0.833		0.833	0.177	ug/L		09/22/23 06:46	09/27/23 13:08	1
PCB-1242	<0.833		0.833	0.177	ug/L		09/22/23 06:46	09/27/23 13:08	1
PCB-1248	<0.833		0.833	0.115	ug/L		09/22/23 06:46	09/27/23 13:08	1
PCB-1254	<0.833		0.833	0.115	ug/L		09/22/23 06:46	09/27/23 13:08	1
PCB-1260	<0.833		0.833	0.115	ug/L		09/22/23 06:46	09/27/23 13:08	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr)	18		10 - 136				09/22/23 06:46	09/27/23 13:08	1
Tetrachloro-m-xylene (Surr)	30		10 - 130				09/22/23 06:46	09/27/23 13:08	1

Method: EPA 245.2 - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000600		0.000600	0.000420	mg/L		10/02/23 10:48	10/03/23 11:39	1

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.0268		0.0100	0.00500	mg/L		09/26/23 10:00	09/30/23 19:30	1
Arsenic	0.0805		0.0100	0.00265	mg/L		09/26/23 10:00	09/29/23 20:24	1
Barium	0.826		0.0100	0.00320	mg/L		09/26/23 10:00	09/29/23 20:24	1
Beryllium	<0.00500		0.00500	0.00165	mg/L		09/26/23 10:00	09/29/23 20:24	1
Cadmium	<0.00100		0.00100	0.000500	mg/L		09/26/23 10:00	09/29/23 20:24	1
Chromium	0.0757		0.0250	0.00550	mg/L		09/26/23 10:00	09/29/23 20:24	1
Cobalt	0.0165		0.00250	0.000850	mg/L		09/26/23 10:00	09/29/23 20:24	1
Copper	<0.0250		0.0250	0.00900	mg/L		09/26/23 10:00	09/29/23 20:24	1
Lead	<0.00250		0.00250	0.00120	mg/L		09/26/23 10:00	09/29/23 20:24	1
Nickel	0.142		0.0250	0.00950	mg/L		09/26/23 10:00	09/29/23 20:24	1
Selenium	<0.0250		0.0250	0.00700	mg/L		09/26/23 10:00	09/29/23 20:24	1
Silver	<0.00500		0.00500	0.00250	mg/L		09/26/23 10:00	09/29/23 20:24	1
Thallium	<0.00500	^+	0.00500	0.00130	mg/L		09/26/23 10:00	09/30/23 19:30	1
Vanadium	0.0362		0.0250	0.00550	mg/L		09/26/23 10:00	09/29/23 20:24	1
Zinc	0.0359	J	0.100	0.0320	mg/L		09/26/23 10:00	09/30/23 19:30	1

Eurofins Cedar Falls

Client Sample Results

Client: HDR Inc
 Project/Site: Metro Park EAST-Landfill-Ph II

Job ID: 310-265371-1

Client Sample ID: Leachate

Lab Sample ID: 310-265371-4

Date Collected: 09/21/23 10:55

Matrix: Ground Water

Date Received: 09/21/23 16:25

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
HEM (Oil and Grease) (40CFR136A 1664A)	5.8		5.0	4.5	mg/L		09/29/23 08:30	09/29/23 08:30	1
Cyanide, Total (EPA 335.4)	<0.0100		0.0100	0.00430	mg/L		09/25/23 09:58	09/25/23 20:35	1
Total Suspended Solids (USGS I-3765-85)	62.0		15.0	5.10	mg/L			09/22/23 09:36	1
Total Dissolved Solids (SM 2540C)	4000		2500	1700	mg/L			09/22/23 15:07	1

- 1
- 2
- 3
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- 5
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- 8
- 9
- 10
- 11
- 12
- 13
- 14
- 15

Definitions/Glossary

Client: HDR Inc

Job ID: 310-265371-1

Project/Site: Metro Park EAST-Landfill-Ph II

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

GC/MS Semi VOA

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Metals

Qualifier	Qualifier Description
^+	Continuing Calibration Verification (CCV) is outside acceptance limits, high biased.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
▫	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Surrogate Summary

Client: HDR Inc
 Project/Site: Metro Park EAST-Landfill-Ph II

Job ID: 310-265371-1

Method: 8260D - Volatile Organic Compounds by GC/MS

Matrix: Ground Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)		
		BFB (80-120)	DBFM (80-128)	TOL (80-120)
310-265371-1	MW-B	101	109	96
310-265371-1 MS	MW-B	95	105	99
310-265371-1 MSD	MW-B	99	110	98
310-265371-2	MW-C	104	118	95
310-265371-3	MW-E	100	113	97
310-265371-4	Leachate	97	115	100
310-265371-5	DUP-4	103	108	96

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)
 DBFM = Dibromofluoromethane (Surr)
 TOL = Toluene-d8 (Surr)

Method: 8260D - Volatile Organic Compounds by GC/MS

Matrix: Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)		
		BFB (80-120)	DBFM (80-128)	TOL (80-120)
LCS 310-400407/6	Lab Control Sample	96	105	99
LCS 310-400407/7	Lab Control Sample	101	107	98
MB 310-400407/5	Method Blank	101	109	96

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)
 DBFM = Dibromofluoromethane (Surr)
 TOL = Toluene-d8 (Surr)

Method: 8270E - Semivolatile Organic Compounds (GC/MS)

Matrix: Ground Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)					
		2FP (25-110)	PHL (21-110)	NBZ (45-129)	FBP (39-118)	TBP (27-136)	TPHL (12-144)
310-265371-4	Leachate	72	72	76	79	105	58

Surrogate Legend

2FP = 2-Fluorophenol (Surr)
 PHL = Phenol-d5 (Surr)
 NBZ = Nitrobenzene-d5 (Surr)
 FBP = 2-Fluorobiphenyl (Surr)
 TBP = 2,4,6-Tribromophenol (Surr)
 TPHL = Terphenyl-d14 (Surr)

Method: 8270E - Semivolatile Organic Compounds (GC/MS)

Matrix: Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)					
		2FP (25-110)	PHL (21-110)	NBZ (45-129)	FBP (39-118)	TBP (27-136)	TPHL (12-144)
LCS 310-400311/2-A	Lab Control Sample	56	46	74	65	84	72
MB 310-400311/1-A	Method Blank	72	61	93	69	102	94

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Surrogate Summary

Client: HDR Inc

Job ID: 310-265371-1

Project/Site: Metro Park EAST-Landfill-Ph II

Surrogate Legend

2FP = 2-Fluorophenol (Surr)
PHL = Phenol-d5 (Surr)
NBZ = Nitrobenzene-d5 (Surr)
FBP = 2-Fluorobiphenyl (Surr)
TBP = 2,4,6-Tribromophenol (Surr)
TPHL = Terphenyl-d14 (Surr)

Method: 8081B - Organochlorine Pesticides (GC)

Matrix: Ground Water

Prep Type: Total/NA

Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	DCB2 (10-136)	TCX2 (10-130)
310-265371-4	Leachate	16	39

Surrogate Legend

DCB = DCB Decachlorobiphenyl (Surr)
TCX = Tetrachloro-m-xylene (Surr)

Method: 8081B - Organochlorine Pesticides (GC)

Matrix: Water

Prep Type: Total/NA

Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	DCB2 (10-136)	TCX2 (10-130)
LCS 310-400313/4-A	Lab Control Sample	42	43
LCSD 310-400313/5-A	Lab Control Sample Dup	54	61
MB 310-400313/1-A	Method Blank	62	61

Surrogate Legend

DCB = DCB Decachlorobiphenyl (Surr)
TCX = Tetrachloro-m-xylene (Surr)

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Matrix: Ground Water

Prep Type: Total/NA

Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	DCB1 (10-136)	TCX1 (10-130)
310-265371-4	Leachate	18	30

Surrogate Legend

DCB = DCB Decachlorobiphenyl (Surr)
TCX = Tetrachloro-m-xylene (Surr)

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Matrix: Water

Prep Type: Total/NA

Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	DCB1 (10-136)	TCX1 (10-130)
LCS 310-400313/2-A	Lab Control Sample	37	42
LCSD 310-400313/3-A	Lab Control Sample Dup	39	50
MB 310-400313/1-A	Method Blank	51	60

Surrogate Legend

DCB = DCB Decachlorobiphenyl (Surr)
TCX = Tetrachloro-m-xylene (Surr)

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QC Sample Results

Client: HDR Inc
Project/Site: Metro Park EAST-Landfill-Ph II

Job ID: 310-265371-1

Method: 8260D - Volatile Organic Compounds by GC/MS

Lab Sample ID: MB 310-400407/5

Matrix: Water

Analysis Batch: 400407

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Acetone	<10.0		10.0	3.10	ug/L			09/23/23 11:47	1
Acrylonitrile	<5.00		5.00	2.20	ug/L			09/23/23 11:47	1
Benzene	<0.500		0.500	0.220	ug/L			09/23/23 11:47	1
Bromochloromethane	<5.00		5.00	0.540	ug/L			09/23/23 11:47	1
Bromodichloromethane	<1.00		1.00	0.390	ug/L			09/23/23 11:47	1
Bromoform	<5.00		5.00	0.780	ug/L			09/23/23 11:47	1
Bromomethane	<4.00		4.00	1.10	ug/L			09/23/23 11:47	1
2-Butanone (MEK)	<10.0		10.0	2.10	ug/L			09/23/23 11:47	1
Carbon disulfide	<1.00		1.00	0.450	ug/L			09/23/23 11:47	1
Carbon tetrachloride	<2.00		2.00	0.650	ug/L			09/23/23 11:47	1
Chlorobenzene	<1.00		1.00	0.400	ug/L			09/23/23 11:47	1
Chlorodibromomethane	<5.00		5.00	0.750	ug/L			09/23/23 11:47	1
Chloroethane	<4.00		4.00	0.790	ug/L			09/23/23 11:47	1
Chloroform	<3.00		3.00	1.30	ug/L			09/23/23 11:47	1
Chloromethane	<3.00		3.00	0.610	ug/L			09/23/23 11:47	1
cis-1,2-Dichloroethene	<1.00		1.00	0.210	ug/L			09/23/23 11:47	1
cis-1,3-Dichloropropene	<5.00		5.00	0.250	ug/L			09/23/23 11:47	1
1,2-Dibromo-3-chloropropane	<5.00		5.00	1.20	ug/L			09/23/23 11:47	1
1,2-Dibromoethane (EDB)	<1.00		1.00	0.340	ug/L			09/23/23 11:47	1
Dibromomethane	<1.00		1.00	0.330	ug/L			09/23/23 11:47	1
1,2-Dichlorobenzene	<1.00		1.00	0.370	ug/L			09/23/23 11:47	1
1,4-Dichlorobenzene	<1.00		1.00	0.230	ug/L			09/23/23 11:47	1
1,1-Dichloroethane	<1.00		1.00	0.220	ug/L			09/23/23 11:47	1
1,2-Dichloroethane	<1.00		1.00	0.390	ug/L			09/23/23 11:47	1
1,1-Dichloroethene	<2.00		2.00	0.560	ug/L			09/23/23 11:47	1
1,2-Dichloropropane	<1.00		1.00	0.270	ug/L			09/23/23 11:47	1
Ethylbenzene	<1.00		1.00	0.310	ug/L			09/23/23 11:47	1
2-Hexanone	<10.0		10.0	2.00	ug/L			09/23/23 11:47	1
Iodomethane	<10.0		10.0	7.00	ug/L			09/23/23 11:47	1
Methylene chloride	<5.00		5.00	1.70	ug/L			09/23/23 11:47	1
4-Methyl-2-pentanone (MIBK)	<10.0		10.0	2.10	ug/L			09/23/23 11:47	1
Styrene	<1.00		1.00	0.370	ug/L			09/23/23 11:47	1
1,1,1,2-Tetrachloroethane	<1.00		1.00	0.380	ug/L			09/23/23 11:47	1
1,1,2,2-Tetrachloroethane	<1.00		1.00	0.470	ug/L			09/23/23 11:47	1
Tetrachloroethene	<1.00		1.00	0.480	ug/L			09/23/23 11:47	1
Toluene	<1.00		1.00	0.430	ug/L			09/23/23 11:47	1
trans-1,4-Dichloro-2-butene	<10.0		10.0	1.10	ug/L			09/23/23 11:47	1
trans-1,2-Dichloroethene	<1.00		1.00	0.270	ug/L			09/23/23 11:47	1
trans-1,3-Dichloropropene	<5.00		5.00	0.560	ug/L			09/23/23 11:47	1
1,1,1-Trichloroethane	<1.00		1.00	0.190	ug/L			09/23/23 11:47	1
1,1,2-Trichloroethane	<1.00		1.00	0.450	ug/L			09/23/23 11:47	1
Trichloroethene	<1.00		1.00	0.430	ug/L			09/23/23 11:47	1
Trichlorofluoromethane	<4.00		4.00	0.380	ug/L			09/23/23 11:47	1
1,2,3-Trichloropropane	<1.00		1.00	0.590	ug/L			09/23/23 11:47	1
Vinyl acetate	<10.0		10.0	2.50	ug/L			09/23/23 11:47	1
Vinyl chloride	<1.00		1.00	0.180	ug/L			09/23/23 11:47	1
Xylenes, Total	<3.00		3.00	0.400	ug/L			09/23/23 11:47	1

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QC Sample Results

Client: HDR Inc
Project/Site: Metro Park EAST-Landfill-Ph II

Job ID: 310-265371-1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 310-400407/5

Matrix: Water

Analysis Batch: 400407

Client Sample ID: Method Blank

Prep Type: Total/NA

Surrogate	MB MB		Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
4-Bromofluorobenzene (Surr)	101		80 - 120		09/23/23 11:47	1
Dibromofluoromethane (Surr)	109		80 - 128		09/23/23 11:47	1
Toluene-d8 (Surr)	96		80 - 120		09/23/23 11:47	1

Lab Sample ID: LCS 310-400407/6

Matrix: Water

Analysis Batch: 400407

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Acrylonitrile	200	174.6		ug/L		87	50 - 150
Benzene	20.0	17.72		ug/L		89	73 - 122
Bromochloromethane	20.0	20.90		ug/L		104	68 - 132
Bromodichloromethane	20.0	19.19		ug/L		96	72 - 121
Bromoform	20.0	17.70		ug/L		88	55 - 129
2-Butanone (MEK)	40.0	34.83		ug/L		87	50 - 150
Carbon disulfide	20.0	16.56		ug/L		83	58 - 131
Carbon tetrachloride	20.0	19.75		ug/L		99	67 - 132
Chlorobenzene	20.0	19.87		ug/L		99	69 - 121
Chlorodibromomethane	20.0	20.49		ug/L		102	69 - 122
Chloroform	20.0	19.92		ug/L		100	72 - 120
cis-1,2-Dichloroethene	20.0	18.72		ug/L		94	74 - 120
cis-1,3-Dichloropropene	20.0	17.05		ug/L		85	71 - 126
1,2-Dibromo-3-chloropropane	20.0	19.79		ug/L		99	50 - 150
1,2-Dibromoethane (EDB)	20.0	20.20		ug/L		101	73 - 125
Dibromomethane	20.0	19.71		ug/L		99	72 - 123
1,2-Dichlorobenzene	20.0	19.57		ug/L		98	68 - 120
1,4-Dichlorobenzene	20.0	18.06		ug/L		90	67 - 120
1,1-Dichloroethane	20.0	17.46		ug/L		87	71 - 123
1,2-Dichloroethane	20.0	19.44		ug/L		97	70 - 124
1,1-Dichloroethene	20.0	17.45		ug/L		87	61 - 129
1,2-Dichloropropane	20.0	18.80		ug/L		94	73 - 121
Ethylbenzene	20.0	18.96		ug/L		95	69 - 122
2-Hexanone	40.0	38.32		ug/L		96	60 - 132
Iodomethane	20.0	14.87		ug/L		74	10 - 150
Methylene chloride	20.0	18.47		ug/L		92	50 - 150
4-Methyl-2-pentanone (MIBK)	40.0	37.62		ug/L		94	62 - 130
Styrene	20.0	19.37		ug/L		97	67 - 125
1,1,1,2-Tetrachloroethane	20.0	18.70		ug/L		93	68 - 123
1,1,2,2-Tetrachloroethane	20.0	19.49		ug/L		97	64 - 124
Tetrachloroethene	20.0	20.11		ug/L		101	69 - 131
Toluene	20.0	19.21		ug/L		96	72 - 121
trans-1,4-Dichloro-2-butene	20.0	15.96		ug/L		80	48 - 150
trans-1,2-Dichloroethene	20.0	17.63		ug/L		88	68 - 125
trans-1,3-Dichloropropene	20.0	17.69		ug/L		88	68 - 124
1,1,1-Trichloroethane	20.0	18.32		ug/L		92	71 - 128
1,1,2-Trichloroethane	20.0	19.59		ug/L		98	70 - 124
Trichloroethene	20.0	17.70		ug/L		89	73 - 126

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QC Sample Results

Client: HDR Inc
Project/Site: Metro Park EAST-Landfill-Ph II

Job ID: 310-265371-1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 310-400407/6

Matrix: Water

Analysis Batch: 400407

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS	LCS	Unit	D	%Rec	%Rec Limits
		Result	Qualifier				
1,2,3-Trichloropropane	20.0	21.11		ug/L		106	64 - 125
Vinyl acetate	40.0	32.07		ug/L		80	50 - 150
Xylenes, Total	40.0	37.68		ug/L		94	68 - 124
Surrogate							
		LCS	LCS				
	%Recovery	Qualifier	Limits				
4-Bromofluorobenzene (Surr)	96		80 - 120				
Dibromofluoromethane (Surr)	105		80 - 128				
Toluene-d8 (Surr)	99		80 - 120				

Lab Sample ID: LCS 310-400407/7

Matrix: Water

Analysis Batch: 400407

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS	LCS	Unit	D	%Rec	%Rec Limits
		Result	Qualifier				
Bromomethane	20.0	17.95		ug/L		90	24 - 150
Chloroethane	20.0	20.63		ug/L		103	51 - 137
Chloromethane	20.0	17.90		ug/L		90	37 - 150
Trichlorofluoromethane	20.0	24.47		ug/L		122	56 - 144
Vinyl chloride	20.0	21.27		ug/L		106	57 - 136
Surrogate							
		LCS	LCS				
	%Recovery	Qualifier	Limits				
4-Bromofluorobenzene (Surr)	101		80 - 120				
Dibromofluoromethane (Surr)	107		80 - 128				
Toluene-d8 (Surr)	98		80 - 120				

Lab Sample ID: 310-265371-1 MS

Matrix: Ground Water

Analysis Batch: 400407

Client Sample ID: MW-B

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS	MS	Unit	D	%Rec	%Rec Limits
				Result	Qualifier				
Acetone	<10.0		50.0	42.04		ug/L		84	35 - 150
Acrylonitrile	<5.00		25.0	193.6		ug/L		77	50 - 150
Benzene	<0.500		25.0	20.33		ug/L		81	47 - 130
Bromochloromethane	<5.00		25.0	23.81		ug/L		95	54 - 132
Bromodichloromethane	<1.00		25.0	21.40		ug/L		86	58 - 130
Bromoform	<5.00		25.0	16.51		ug/L		66	42 - 130
2-Butanone (MEK)	<10.0		50.0	36.30		ug/L		73	47 - 150
Carbon disulfide	<1.00		25.0	19.86		ug/L		79	39 - 131
Carbon tetrachloride	<2.00		25.0	21.81		ug/L		87	45 - 132
Chlorobenzene	<1.00		25.0	19.69		ug/L		79	54 - 130
Chlorodibromomethane	<5.00		25.0	20.64		ug/L		83	53 - 130
Chloroform	<3.00		25.0	22.80		ug/L		91	55 - 130
cis-1,2-Dichloroethene	<1.00		25.0	21.66		ug/L		87	52 - 130
cis-1,3-Dichloropropene	<5.00		25.0	18.33		ug/L		73	55 - 130
1,2-Dibromo-3-chloropropane	<5.00		25.0	17.78		ug/L		71	45 - 150
1,2-Dibromoethane (EDB)	<1.00		25.0	21.25		ug/L		85	59 - 130
Dibromomethane	<1.00		25.0	21.46		ug/L		86	61 - 130
1,2-Dichlorobenzene	<1.00		25.0	18.20		ug/L		73	53 - 130

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QC Sample Results

Client: HDR Inc
Project/Site: Metro Park EAST-Landfill-Ph II

Job ID: 310-265371-1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 310-265371-1 MS

Matrix: Ground Water

Analysis Batch: 400407

Client Sample ID: MW-B

Prep Type: Total/NA

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec
	Result	Qualifier	Added	Result	Qualifier				
1,4-Dichlorobenzene	<1.00		25.0	17.84		ug/L		71	53 - 130
1,1-Dichloroethane	<1.00		25.0	22.09		ug/L		88	53 - 130
1,2-Dichloroethane	<1.00		25.0	22.66		ug/L		91	57 - 130
1,1-Dichloroethene	<2.00		25.0	21.49		ug/L		86	39 - 130
1,2-Dichloropropane	<1.00		25.0	21.24		ug/L		85	60 - 130
Ethylbenzene	<1.00		25.0	18.65		ug/L		75	48 - 130
2-Hexanone	<10.0		50.0	37.82		ug/L		76	45 - 132
Iodomethane	<10.0		25.0	18.69		ug/L		75	10 - 150
Methylene chloride	<5.00		25.0	22.96		ug/L		92	50 - 150
4-Methyl-2-pentanone (MIBK)	<10.0		50.0	37.79		ug/L		76	46 - 132
Styrene	<1.00		25.0	19.09		ug/L		76	46 - 130
1,1,1,2-Tetrachloroethane	<1.00		25.0	18.43		ug/L		74	52 - 130
1,1,2,2-Tetrachloroethane	<1.00		25.0	18.67		ug/L		75	51 - 130
Tetrachloroethene	<1.00		25.0	20.91		ug/L		84	42 - 131
Toluene	<1.00		25.0	20.22		ug/L		81	48 - 130
trans-1,4-Dichloro-2-butene	<10.0		25.0	15.32		ug/L		61	33 - 150
trans-1,2-Dichloroethene	<1.00		25.0	21.14		ug/L		85	54 - 130
trans-1,3-Dichloropropene	<5.00		25.0	18.18		ug/L		73	51 - 130
1,1,1-Trichloroethane	<1.00		25.0	20.91		ug/L		84	49 - 130
1,1,2-Trichloroethane	<1.00		25.0	19.65		ug/L		79	56 - 130
Trichloroethene	<1.00		25.0	19.31		ug/L		77	55 - 130
1,2,3-Trichloropropane	<1.00		25.0	19.99		ug/L		80	50 - 130
Vinyl acetate	<10.0		50.0	31.99		ug/L		64	34 - 150
Xylenes, Total	<3.00		50.0	37.29		ug/L		75	44 - 130

Surrogate	MS	MS	Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene (Surr)	95		80 - 120
Dibromofluoromethane (Surr)	105		80 - 128
Toluene-d8 (Surr)	99		80 - 120

Lab Sample ID: 310-265371-1 MSD

Matrix: Ground Water

Analysis Batch: 400407

Client Sample ID: MW-B

Prep Type: Total/NA

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec	RPD	Limit
	Result	Qualifier	Added	Result	Qualifier						
Acetone	<10.0		50.0	41.58		ug/L		83	35 - 150	1	26
Acrylonitrile	<5.00		25.0	192.4		ug/L		77	50 - 150	1	21
Benzene	<0.500		25.0	19.63		ug/L		79	47 - 130	4	20
Bromochloromethane	<5.00		25.0	24.21		ug/L		97	54 - 132	2	20
Bromodichloromethane	<1.00		25.0	20.45		ug/L		82	58 - 130	5	20
Bromoform	<5.00		25.0	16.62		ug/L		66	42 - 130	1	20
2-Butanone (MEK)	<10.0		50.0	35.42		ug/L		71	47 - 150	2	20
Carbon disulfide	<1.00		25.0	18.64		ug/L		75	39 - 131	6	32
Carbon tetrachloride	<2.00		25.0	21.47		ug/L		86	45 - 132	2	20
Chlorobenzene	<1.00		25.0	18.89		ug/L		76	54 - 130	4	20
Chlorodibromomethane	<5.00		25.0	19.85		ug/L		79	53 - 130	4	20
Chloroform	<3.00		25.0	22.50		ug/L		90	55 - 130	1	20
cis-1,2-Dichloroethene	<1.00		25.0	21.21		ug/L		85	52 - 130	2	20

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QC Sample Results

Client: HDR Inc
Project/Site: Metro Park EAST-Landfill-Ph II

Job ID: 310-265371-1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 310-265371-1 MSD

Matrix: Ground Water

Analysis Batch: 400407

Client Sample ID: MW-B

Prep Type: Total/NA

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec	RPD	RPD
	Result	Qualifier	Added	Result	Qualifier				Limits		Limit
cis-1,3-Dichloropropene	<5.00		25.0	18.22		ug/L		73	55 - 130	1	20
1,2-Dibromo-3-chloropropane	<5.00		25.0	18.38		ug/L		74	45 - 150	3	20
1,2-Dibromoethane (EDB)	<1.00		25.0	20.41		ug/L		82	59 - 130	4	20
Dibromomethane	<1.00		25.0	21.53		ug/L		86	61 - 130	0	20
1,2-Dichlorobenzene	<1.00		25.0	18.50		ug/L		74	53 - 130	2	20
1,4-Dichlorobenzene	<1.00		25.0	17.67		ug/L		71	53 - 130	1	20
1,1-Dichloroethane	<1.00		25.0	20.80		ug/L		83	53 - 130	6	20
1,2-Dichloroethane	<1.00		25.0	21.82		ug/L		87	57 - 130	4	21
1,1-Dichloroethene	<2.00		25.0	21.00		ug/L		84	39 - 130	2	28
1,2-Dichloropropane	<1.00		25.0	19.68		ug/L		79	60 - 130	8	31
Ethylbenzene	<1.00		25.0	17.81		ug/L		71	48 - 130	5	20
2-Hexanone	<10.0		50.0	37.09		ug/L		74	45 - 132	2	20
Iodomethane	<10.0		25.0	20.96		ug/L		84	10 - 150	11	35
Methylene chloride	<5.00		25.0	22.64		ug/L		91	50 - 150	1	24
4-Methyl-2-pentanone (MIBK)	<10.0		50.0	36.50		ug/L		73	46 - 132	3	20
Styrene	<1.00		25.0	18.31		ug/L		73	46 - 130	4	20
1,1,1,2-Tetrachloroethane	<1.00		25.0	17.97		ug/L		72	52 - 130	3	20
1,1,1,2-Tetrachloroethane	<1.00		25.0	18.38		ug/L		74	51 - 130	2	20
Tetrachloroethene	<1.00		25.0	20.04		ug/L		80	42 - 131	4	20
Toluene	<1.00		25.0	19.78		ug/L		79	48 - 130	2	20
trans-1,4-Dichloro-2-butene	<10.0		25.0	14.79		ug/L		59	33 - 150	3	20
trans-1,2-Dichloroethene	<1.00		25.0	20.49		ug/L		82	54 - 130	3	24
trans-1,3-Dichloropropene	<5.00		25.0	17.53		ug/L		70	51 - 130	4	20
1,1,1-Trichloroethane	<1.00		25.0	19.88		ug/L		80	49 - 130	5	20
1,1,2-Trichloroethane	<1.00		25.0	19.27		ug/L		77	56 - 130	2	20
Trichloroethene	<1.00		25.0	18.64		ug/L		75	55 - 130	4	20
1,2,3-Trichloropropane	<1.00		25.0	20.27		ug/L		81	50 - 130	1	20
Vinyl acetate	<10.0		50.0	34.62		ug/L		69	34 - 150	8	27
Xylenes, Total	<3.00		50.0	36.03		ug/L		72	44 - 130	3	20

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	99		80 - 120
Dibromofluoromethane (Surr)	110		80 - 128
Toluene-d8 (Surr)	98		80 - 120

Method: 8270E - Semivolatile Organic Compounds (GC/MS)

Lab Sample ID: MB 310-400311/1-A

Matrix: Water

Analysis Batch: 400415

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 400311

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
1,2,4-Trichlorobenzene	<10.0		10.0	0.560	ug/L		09/22/23 06:17	09/22/23 15:01	1
1,2-Dichlorobenzene	<10.0		10.0	0.620	ug/L		09/22/23 06:17	09/22/23 15:01	1
1,3-Dichlorobenzene	<10.0		10.0	0.640	ug/L		09/22/23 06:17	09/22/23 15:01	1
1,4-Dichlorobenzene	<10.0		10.0	0.640	ug/L		09/22/23 06:17	09/22/23 15:01	1
2,4,5-Trichlorophenol	<10.0		10.0	5.30	ug/L		09/22/23 06:17	09/22/23 15:01	1
2,4,6-Trichlorophenol	<10.0		10.0	5.00	ug/L		09/22/23 06:17	09/22/23 15:01	1
2,4-Dichlorophenol	<10.0		10.0	0.850	ug/L		09/22/23 06:17	09/22/23 15:01	1

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QC Sample Results

Client: HDR Inc
Project/Site: Metro Park EAST-Landfill-Ph II

Job ID: 310-265371-1

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 310-400311/1-A

Matrix: Water

Analysis Batch: 400415

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 400311

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
2,4-Dimethylphenol	<10.0		10.0	0.580	ug/L		09/22/23 06:17	09/22/23 15:01	1
2,4-Dinitrophenol	<20.0		20.0	13.0	ug/L		09/22/23 06:17	09/22/23 15:01	1
2,4-Dinitrotoluene	<10.0		10.0	6.40	ug/L		09/22/23 06:17	09/22/23 15:01	1
2,6-Dinitrotoluene	<10.0		10.0	0.520	ug/L		09/22/23 06:17	09/22/23 15:01	1
2-Chloronaphthalene	<10.0		10.0	0.640	ug/L		09/22/23 06:17	09/22/23 15:01	1
2-Chlorophenol	<10.0		10.0	0.540	ug/L		09/22/23 06:17	09/22/23 15:01	1
2-Methylnaphthalene	<10.0		10.0	0.590	ug/L		09/22/23 06:17	09/22/23 15:01	1
2-Methylphenol	<10.0		10.0	0.650	ug/L		09/22/23 06:17	09/22/23 15:01	1
2-Nitroaniline	<10.0		10.0	5.90	ug/L		09/22/23 06:17	09/22/23 15:01	1
2-Nitrophenol	<10.0		10.0	6.80	ug/L		09/22/23 06:17	09/22/23 15:01	1
3,3'-Dichlorobenzidine	<10.0		10.0	1.40	ug/L		09/22/23 06:17	09/22/23 15:01	1
3-Nitroaniline	<10.0		10.0	2.70	ug/L		09/22/23 06:17	09/22/23 15:01	1
4,6-Dinitro-2-methylphenol	<10.0		10.0	6.90	ug/L		09/22/23 06:17	09/22/23 15:01	1
4-Bromophenyl phenyl ether	<10.0		10.0	0.700	ug/L		09/22/23 06:17	09/22/23 15:01	1
4-Chloro-3-methylphenol	<10.0		10.0	0.840	ug/L		09/22/23 06:17	09/22/23 15:01	1
4-Chloroaniline	<10.0		10.0	0.620	ug/L		09/22/23 06:17	09/22/23 15:01	1
4-Chlorophenyl phenyl ether	<10.0		10.0	0.690	ug/L		09/22/23 06:17	09/22/23 15:01	1
4-Methylphenol (and/or 3-Methylphenol)	<10.0		10.0	0.700	ug/L		09/22/23 06:17	09/22/23 15:01	1
4-Nitroaniline	<10.0		10.0	1.30	ug/L		09/22/23 06:17	09/22/23 15:01	1
4-Nitrophenol	<10.0		10.0	7.60	ug/L		09/22/23 06:17	09/22/23 15:01	1
Acenaphthene	<10.0		10.0	0.640	ug/L		09/22/23 06:17	09/22/23 15:01	1
Acenaphthylene	<10.0		10.0	0.720	ug/L		09/22/23 06:17	09/22/23 15:01	1
Anthracene	<10.0		10.0	0.870	ug/L		09/22/23 06:17	09/22/23 15:01	1
Benzidine	<20.0		20.0	1.10	ug/L		09/22/23 06:17	09/22/23 15:01	1
Benzo(a)anthracene	<10.0		10.0	0.850	ug/L		09/22/23 06:17	09/22/23 15:01	1
Benzo(a)pyrene	<10.0		10.0	8.10	ug/L		09/22/23 06:17	09/22/23 15:01	1
Benzo(b)fluoranthene	<10.0		10.0	4.90	ug/L		09/22/23 06:17	09/22/23 15:01	1
Benzo(g,h,i)perylene	<10.0		10.0	6.30	ug/L		09/22/23 06:17	09/22/23 15:01	1
Benzo(k)fluoranthene	<10.0		10.0	2.20	ug/L		09/22/23 06:17	09/22/23 15:01	1
Benzoic acid	<100		100	17.0	ug/L		09/22/23 06:17	09/22/23 15:01	1
Benzyl alcohol	<10.0		10.0	1.30	ug/L		09/22/23 06:17	09/22/23 15:01	1
Bis(2-chloroethoxy)methane	<10.0		10.0	0.760	ug/L		09/22/23 06:17	09/22/23 15:01	1
Bis(2-chloroethyl)ether	<10.0		10.0	0.820	ug/L		09/22/23 06:17	09/22/23 15:01	1
bis(2-chloroisopropyl) ether	<10.0		10.0	0.540	ug/L		09/22/23 06:17	09/22/23 15:01	1
Bis(2-ethylhexyl) phthalate	<10.0		10.0	5.50	ug/L		09/22/23 06:17	09/22/23 15:01	1
Butyl benzyl phthalate	<10.0		10.0	5.40	ug/L		09/22/23 06:17	09/22/23 15:01	1
Carbazole	<10.0		10.0	1.00	ug/L		09/22/23 06:17	09/22/23 15:01	1
Chrysene	<10.0		10.0	0.870	ug/L		09/22/23 06:17	09/22/23 15:01	1
Dibenz(a,h)anthracene	<10.0		10.0	3.90	ug/L		09/22/23 06:17	09/22/23 15:01	1
Dibenzofuran	<10.0		10.0	0.740	ug/L		09/22/23 06:17	09/22/23 15:01	1
Diethyl phthalate	<10.0		10.0	1.70	ug/L		09/22/23 06:17	09/22/23 15:01	1
Dimethyl phthalate	<10.0		10.0	1.00	ug/L		09/22/23 06:17	09/22/23 15:01	1
Di-n-butyl phthalate	<10.0		10.0	5.60	ug/L		09/22/23 06:17	09/22/23 15:01	1
Di-n-octyl phthalate	<20.0		20.0	7.00	ug/L		09/22/23 06:17	09/22/23 15:01	1
Fluoranthene	<10.0		10.0	1.70	ug/L		09/22/23 06:17	09/22/23 15:01	1
Fluorene	<10.0		10.0	0.790	ug/L		09/22/23 06:17	09/22/23 15:01	1
Hexachlorobenzene	<10.0		10.0	0.700	ug/L		09/22/23 06:17	09/22/23 15:01	1
Hexachlorobutadiene	<10.0		10.0	0.860	ug/L		09/22/23 06:17	09/22/23 15:01	1

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QC Sample Results

Client: HDR Inc
Project/Site: Metro Park EAST-Landfill-Ph II

Job ID: 310-265371-1

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 310-400311/1-A

Matrix: Water

Analysis Batch: 400415

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 400311

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Hexachlorocyclopentadiene	<10.0		10.0	5.10	ug/L		09/22/23 06:17	09/22/23 15:01	1
Hexachloroethane	<10.0		10.0	0.970	ug/L		09/22/23 06:17	09/22/23 15:01	1
Indeno(1,2,3-cd)pyrene	<10.0		10.0	4.20	ug/L		09/22/23 06:17	09/22/23 15:01	1
Isophorone	<10.0		10.0	0.930	ug/L		09/22/23 06:17	09/22/23 15:01	1
Naphthalene	<10.0		10.0	6.10	ug/L		09/22/23 06:17	09/22/23 15:01	1
Nitrobenzene	<10.0		10.0	0.800	ug/L		09/22/23 06:17	09/22/23 15:01	1
N-Nitrosodimethylamine	<10.0		10.0	0.720	ug/L		09/22/23 06:17	09/22/23 15:01	1
N-Nitrosodi-n-propylamine	<10.0		10.0	0.920	ug/L		09/22/23 06:17	09/22/23 15:01	1
N-Nitrosodiphenylamine	<10.0		10.0	0.750	ug/L		09/22/23 06:17	09/22/23 15:01	1
Pentachlorophenol	<10.0		10.0	9.60	ug/L		09/22/23 06:17	09/22/23 15:01	1
Phenanthrene	<10.0		10.0	0.790	ug/L		09/22/23 06:17	09/22/23 15:01	1
Phenol	<10.0		10.0	1.10	ug/L		09/22/23 06:17	09/22/23 15:01	1
Pyrene	<10.0		10.0	0.790	ug/L		09/22/23 06:17	09/22/23 15:01	1
Pyridine	<10.0		10.0	1.60	ug/L		09/22/23 06:17	09/22/23 15:01	1
Total Cresols	<10.0		10.0	0.700	ug/L		09/22/23 06:17	09/22/23 15:01	1

Surrogate	MB	MB	Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
2-Fluorophenol (Surr)	72		25 - 110	09/22/23 06:17	09/22/23 15:01	1
Phenol-d5 (Surr)	61		21 - 110	09/22/23 06:17	09/22/23 15:01	1
Nitrobenzene-d5 (Surr)	93		45 - 129	09/22/23 06:17	09/22/23 15:01	1
2-Fluorobiphenyl (Surr)	69		39 - 118	09/22/23 06:17	09/22/23 15:01	1
2,4,6-Tribromophenol (Surr)	102		27 - 136	09/22/23 06:17	09/22/23 15:01	1
Terphenyl-d14 (Surr)	94		12 - 144	09/22/23 06:17	09/22/23 15:01	1

Lab Sample ID: LCS 310-400311/2-A

Matrix: Water

Analysis Batch: 400415

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 400311

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,2-Dichlorobenzene	100	51.75		ug/L		52	33 - 110
1,3-Dichlorobenzene	100	48.07		ug/L		48	31 - 110
1,4-Dichlorobenzene	100	49.23		ug/L		49	32 - 110
2,4,5-Trichlorophenol	100	71.30		ug/L		71	35 - 133
2,4,6-Trichlorophenol	100	71.00		ug/L		71	28 - 139
2,4-Dichlorophenol	100	68.41		ug/L		68	41 - 124
2,4-Dimethylphenol	100	76.23		ug/L		76	31 - 142
2,4-Dinitrophenol	200	106.4		ug/L		53	10 - 138
2,4-Dinitrotoluene	100	79.00		ug/L		79	47 - 137
2,6-Dinitrotoluene	100	81.37		ug/L		81	51 - 130
2-Chloronaphthalene	100	58.07		ug/L		58	37 - 110
2-Chlorophenol	100	67.29		ug/L		67	44 - 117
2-Methylnaphthalene	100	58.18		ug/L		58	33 - 110
2-Methylphenol	100	69.60		ug/L		70	47 - 118
2-Nitroaniline	100	76.73		ug/L		77	50 - 135
2-Nitrophenol	100	75.93		ug/L		76	41 - 129
3-Nitroaniline	100	84.05		ug/L		84	42 - 139
4,6-Dinitro-2-methylphenol	200	130.8		ug/L		65	22 - 143

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QC Sample Results

Client: HDR Inc
Project/Site: Metro Park EAST-Landfill-Ph II

Job ID: 310-265371-1

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 310-400311/2-A

Matrix: Water

Analysis Batch: 400415

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 400311

Analyte	Spike	LCS	LCS	Unit	D	%Rec	%Rec Limits
	Added	Result	Qualifier				
4-Bromophenyl phenyl ether	100	71.39		ug/L		71	45 - 119
4-Chloro-3-methylphenol	100	80.15		ug/L		80	49 - 130
4-Chloroaniline	100	76.15		ug/L		76	21 - 139
4-Chlorophenyl phenyl ether	100	71.59		ug/L		72	44 - 116
4-Methylphenol (and/or 3-Methylphenol)	100	69.25		ug/L		69	46 - 117
4-Nitroaniline	100	97.33		ug/L		97	31 - 145
4-Nitrophenol	200	113.3		ug/L		57	18 - 110
Acenaphthene	100	60.99		ug/L		61	43 - 110
Acenaphthylene	100	66.19		ug/L		66	40 - 110
Anthracene	100	76.51		ug/L		77	51 - 120
Benzo(a)anthracene	100	73.16		ug/L		73	51 - 123
Benzo(a)pyrene	100	73.31		ug/L		73	48 - 125
Benzo(b)fluoranthene	100	78.83		ug/L		79	49 - 129
Benzo(g,h,i)perylene	100	70.42		ug/L		70	43 - 139
Benzo(k)fluoranthene	100	74.29		ug/L		74	47 - 130
Benzyl alcohol	100	74.31		ug/L		74	39 - 128
Bis(2-chloroethoxy)methane	100	72.22		ug/L		72	48 - 121
Bis(2-chloroethyl)ether	100	68.99		ug/L		69	43 - 123
bis(2-chloroisopropyl) ether	100	66.87		ug/L		67	34 - 123
Bis(2-ethylhexyl) phthalate	100	68.46		ug/L		68	43 - 143
Butyl benzyl phthalate	100	72.87		ug/L		73	46 - 135
Carbazole	100	79.40		ug/L		79	51 - 126
Chrysene	100	74.09		ug/L		74	51 - 125
Dibenz(a,h)anthracene	100	67.96		ug/L		68	38 - 149
Dibenzofuran	100	71.52		ug/L		72	45 - 112
Diethyl phthalate	100	83.10		ug/L		83	43 - 135
Dimethyl phthalate	100	78.21		ug/L		78	43 - 129
Di-n-butyl phthalate	100	84.19		ug/L		84	50 - 133
Di-n-octyl phthalate	100	66.62		ug/L		67	34 - 150
Fluoranthene	100	84.85		ug/L		85	47 - 128
Fluorene	100	74.46		ug/L		74	45 - 119
Hexachlorobenzene	100	67.80		ug/L		68	48 - 119
Hexachlorobutadiene	100	47.95		ug/L		48	32 - 110
Hexachlorocyclopentadiene	100	42.82		ug/L		43	10 - 110
Hexachloroethane	100	45.35		ug/L		45	31 - 110
Indeno(1,2,3-cd)pyrene	100	84.53		ug/L		85	37 - 150
Isophorone	100	75.91		ug/L		76	50 - 125
Naphthalene	100	56.09		ug/L		56	38 - 110
Nitrobenzene	100	73.78		ug/L		74	47 - 116
N-Nitrosodimethylamine	100	63.09		ug/L		63	37 - 110
N-Nitrosodi-n-propylamine	100	77.44		ug/L		77	45 - 130
N-Nitrosodiphenylamine	100	69.97		ug/L		70	49 - 121
Pentachlorophenol	200	139.7		ug/L		70	26 - 133
Phenanthrene	100	77.77		ug/L		78	51 - 117
Phenol	100	47.25		ug/L		47	29 - 110
Pyrene	100	71.24		ug/L		71	48 - 127
Pyridine	200	66.74		ug/L		33	10 - 110

Eurofins Cedar Falls

QC Sample Results

Client: HDR Inc
Project/Site: Metro Park EAST-Landfill-Ph II

Job ID: 310-265371-1

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 310-400311/2-A
Matrix: Water
Analysis Batch: 400415

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 400311

Surrogate	LCS LCS		Limits
	%Recovery	Qualifier	
2-Fluorophenol (Surr)	56		25 - 110
Phenol-d5 (Surr)	46		21 - 110
Nitrobenzene-d5 (Surr)	74		45 - 129
2-Fluorobiphenyl (Surr)	65		39 - 118
2,4,6-Tribromophenol (Surr)	84		27 - 136
Terphenyl-d14 (Surr)	72		12 - 144

Method: 8081B - Organochlorine Pesticides (GC)

Lab Sample ID: MB 310-400313/1-A
Matrix: Water
Analysis Batch: 400748

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 400313

Analyte	MB MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Aldrin	<0.0640		0.0640	0.0320	ug/L		09/22/23 06:46	09/27/23 11:11	1
alpha-BHC	<0.0640		0.0640	0.0290	ug/L		09/22/23 06:46	09/27/23 11:11	1
beta-BHC	<0.0640		0.0640	0.0370	ug/L		09/22/23 06:46	09/27/23 11:11	1
gamma-BHC (Lindane)	<0.0640		0.0640	0.0360	ug/L		09/22/23 06:46	09/27/23 11:11	1
Chlordane (technical)	<2.00		2.00	0.810	ug/L		09/22/23 06:46	09/27/23 11:11	1
delta-BHC	<0.0640		0.0640	0.0270	ug/L		09/22/23 06:46	09/27/23 11:11	1
Dieldrin	<0.0640		0.0640	0.0260	ug/L		09/22/23 06:46	09/27/23 11:11	1
4,4'-DDD	<0.0640		0.0640	0.0270	ug/L		09/22/23 06:46	09/27/23 11:11	1
4,4'-DDE	<0.0640		0.0640	0.0270	ug/L		09/22/23 06:46	09/27/23 11:11	1
4,4'-DDT	<0.0640		0.0640	0.0420	ug/L		09/22/23 06:46	09/27/23 11:11	1
Endosulfan I	<0.0640		0.0640	0.0330	ug/L		09/22/23 06:46	09/27/23 11:11	1
Endosulfan II	<0.0640		0.0640	0.0290	ug/L		09/22/23 06:46	09/27/23 11:11	1
Endosulfan sulfate	<0.0640		0.0640	0.0300	ug/L		09/22/23 06:46	09/27/23 11:11	1
Endrin	<0.0640		0.0640	0.0260	ug/L		09/22/23 06:46	09/27/23 11:11	1
Endrin aldehyde	<0.0640		0.0640	0.0290	ug/L		09/22/23 06:46	09/27/23 11:11	1
Heptachlor	<0.0640		0.0640	0.0330	ug/L		09/22/23 06:46	09/27/23 11:11	1
Heptachlor epoxide	<0.0640		0.0640	0.0290	ug/L		09/22/23 06:46	09/27/23 11:11	1
Methoxychlor	<0.0640		0.0640	0.0410	ug/L		09/22/23 06:46	09/27/23 11:11	1
Toxaphene	<2.00		2.00	0.690	ug/L		09/22/23 06:46	09/27/23 11:11	1

Surrogate	MB MB		Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
DCB Decachlorobiphenyl (Surr)	62		10 - 136	09/22/23 06:46	09/27/23 11:11	1
Tetrachloro-m-xylene (Surr)	61		10 - 130	09/22/23 06:46	09/27/23 11:11	1

Lab Sample ID: LCS 310-400313/4-A
Matrix: Water
Analysis Batch: 400748

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 400313

Analyte	Spike Added	LCS LCS		Unit	D	%Rec	%Rec Limits
		Result	Qualifier				
Aldrin	1.00	0.3250		ug/L		32	13 - 120
alpha-BHC	1.00	0.4860		ug/L		49	36 - 127
beta-BHC	1.00	0.5165		ug/L		52	37 - 136
gamma-BHC (Lindane)	1.00	0.4970		ug/L		50	36 - 132
delta-BHC	1.00	0.5059		ug/L		51	33 - 134

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QC Sample Results

Client: HDR Inc
Project/Site: Metro Park EAST-Landfill-Ph II

Job ID: 310-265371-1

Method: 8081B - Organochlorine Pesticides (GC) (Continued)

Lab Sample ID: LCS 310-400313/4-A

Matrix: Water

Analysis Batch: 400748

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 400313

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec	
							Limits	
Dieldrin	1.00	0.4934		ug/L		49	39 - 130	
4,4'-DDD	1.00	0.5847		ug/L		58	36 - 149	
4,4'-DDE	1.00	0.4766		ug/L		48	34 - 130	
4,4'-DDT	1.00	0.5035		ug/L		50	23 - 150	
Endosulfan I	1.00	0.3293		ug/L		33	10 - 120	
Endosulfan II	1.00	0.3762		ug/L		38	14 - 120	
Endosulfan sulfate	1.00	0.5110		ug/L		51	36 - 147	
Endrin	1.00	0.5191		ug/L		52	39 - 140	
Endrin aldehyde	1.00	0.5360		ug/L		54	32 - 137	
Heptachlor	1.00	0.4130		ug/L		41	27 - 120	
Heptachlor epoxide	1.00	0.4848		ug/L		48	38 - 133	
Methoxychlor	1.00	0.8413		ug/L		84	10 - 150	

Surrogate	LCS LCS		Limits
	%Recovery	Qualifier	
DCB Decachlorobiphenyl (Surr)	42		10 - 136
Tetrachloro-m-xylene (Surr)	43		10 - 130

Lab Sample ID: LCSD 310-400313/5-A

Matrix: Water

Analysis Batch: 400748

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 400313

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec		RPD	
							Limits		RPD	Limit
Aldrin	1.00	0.4576		ug/L		46	13 - 120		34	35
alpha-BHC	1.00	0.5822		ug/L		58	36 - 127		18	35
beta-BHC	1.00	0.6285		ug/L		63	37 - 136		20	35
gamma-BHC (Lindane)	1.00	0.6016		ug/L		60	36 - 132		19	35
delta-BHC	1.00	0.6047		ug/L		60	33 - 134		18	35
Dieldrin	1.00	0.5967		ug/L		60	39 - 130		19	35
4,4'-DDD	1.00	0.7023		ug/L		70	36 - 149		18	35
4,4'-DDE	1.00	0.5858		ug/L		59	34 - 130		21	35
4,4'-DDT	1.00	0.6048		ug/L		60	23 - 150		18	35
Endosulfan I	1.00	0.3985		ug/L		40	10 - 120		19	35
Endosulfan II	1.00	0.4615		ug/L		46	14 - 120		20	35
Endosulfan sulfate	1.00	0.6027		ug/L		60	36 - 147		16	35
Endrin	1.00	0.6269		ug/L		63	39 - 140		19	35
Endrin aldehyde	1.00	0.6451		ug/L		65	32 - 137		18	35
Heptachlor	1.00	0.5497		ug/L		55	27 - 120		28	35
Heptachlor epoxide	1.00	0.5896		ug/L		59	38 - 133		20	35
Methoxychlor	1.00	1.011		ug/L		101	10 - 150		18	35

Surrogate	LCSD LCSD		Limits
	%Recovery	Qualifier	
DCB Decachlorobiphenyl (Surr)	54		10 - 136
Tetrachloro-m-xylene (Surr)	61		10 - 130

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QC Sample Results

Client: HDR Inc
Project/Site: Metro Park EAST-Landfill-Ph II

Job ID: 310-265371-1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Lab Sample ID: MB 310-400313/1-A
Matrix: Water
Analysis Batch: 400746

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 400313

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
PCB-1016	<0.800		0.800	0.170	ug/L		09/22/23 06:46	09/27/23 11:11	1
PCB-1221	<0.800		0.800	0.170	ug/L		09/22/23 06:46	09/27/23 11:11	1
PCB-1232	<0.800		0.800	0.170	ug/L		09/22/23 06:46	09/27/23 11:11	1
PCB-1242	<0.800		0.800	0.170	ug/L		09/22/23 06:46	09/27/23 11:11	1
PCB-1248	<0.800		0.800	0.110	ug/L		09/22/23 06:46	09/27/23 11:11	1
PCB-1254	<0.800		0.800	0.110	ug/L		09/22/23 06:46	09/27/23 11:11	1
PCB-1260	<0.800		0.800	0.110	ug/L		09/22/23 06:46	09/27/23 11:11	1

Surrogate	MB	MB	Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
DCB Decachlorobiphenyl (Surr)	51		10 - 136	09/22/23 06:46	09/27/23 11:11	1
Tetrachloro-m-xylene (Surr)	60		10 - 130	09/22/23 06:46	09/27/23 11:11	1

Lab Sample ID: LCS 310-400313/2-A
Matrix: Water
Analysis Batch: 400746

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 400313

Analyte	Spike Added	LCS	LCS	Unit	D	%Rec	%Rec Limits
		Result	Qualifier				
PCB-1016	10.0	4.823		ug/L		48	30 - 133
PCB-1260	10.0	4.799		ug/L		48	31 - 133

Surrogate	LCS	LCS	Limits
	%Recovery	Qualifier	
DCB Decachlorobiphenyl (Surr)	37		10 - 136
Tetrachloro-m-xylene (Surr)	42		10 - 130

Lab Sample ID: LCSD 310-400313/3-A
Matrix: Water
Analysis Batch: 400746

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 400313

Analyte	Spike Added	LCSD	LCSD	Unit	D	%Rec	%Rec Limits	RPD	
		Result	Qualifier					RPD	Limit
PCB-1016	10.0	5.552		ug/L		56	30 - 133	14	35
PCB-1260	10.0	5.203		ug/L		52	31 - 133	8	35

Surrogate	LCSD	LCSD	Limits
	%Recovery	Qualifier	
DCB Decachlorobiphenyl (Surr)	39		10 - 136
Tetrachloro-m-xylene (Surr)	50		10 - 130

Method: 245.2 - Mercury (CVAA)

Lab Sample ID: MB 310-401177/1-A
Matrix: Water
Analysis Batch: 401339

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 401177

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Mercury	<0.000200		0.000200	0.000140	mg/L		10/02/23 10:48	10/03/23 11:35	1

QC Sample Results

Client: HDR Inc
Project/Site: Metro Park EAST-Landfill-Ph II

Job ID: 310-265371-1

Method: 245.2 - Mercury (CVAA) (Continued)

Lab Sample ID: LCS 310-401177/2-A
Matrix: Water
Analysis Batch: 401339

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 401177

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.00167	0.001599		mg/L		96	85 - 115

Method: 6020B - Metals (ICP/MS)

Lab Sample ID: MB 310-400589/1-A
Matrix: Water
Analysis Batch: 401128

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 400589

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00200		0.00200	0.00100	mg/L		09/26/23 10:00	09/30/23 18:16	1
Arsenic	<0.00200		0.00200	0.000530	mg/L		09/26/23 10:00	09/30/23 18:16	1
Barium	<0.00200		0.00200	0.000640	mg/L		09/26/23 10:00	09/30/23 18:16	1
Beryllium	<0.00100		0.00100	0.000330	mg/L		09/26/23 10:00	09/30/23 18:16	1
Cadmium	<0.000200		0.000200	0.000100	mg/L		09/26/23 10:00	09/30/23 18:16	1
Chromium	<0.00500		0.00500	0.00110	mg/L		09/26/23 10:00	09/30/23 18:16	1
Cobalt	<0.000500		0.000500	0.000170	mg/L		09/26/23 10:00	09/30/23 18:16	1
Copper	<0.00500		0.00500	0.00180	mg/L		09/26/23 10:00	09/30/23 18:16	1
Lead	<0.000500		0.000500	0.000240	mg/L		09/26/23 10:00	09/30/23 18:16	1
Selenium	<0.00500		0.00500	0.00140	mg/L		09/26/23 10:00	09/30/23 18:16	1
Silver	<0.00100		0.00100	0.000500	mg/L		09/26/23 10:00	09/30/23 18:16	1
Thallium	<0.00100		0.00100	0.000260	mg/L		09/26/23 10:00	09/30/23 18:16	1
Vanadium	<0.00500		0.00500	0.00110	mg/L		09/26/23 10:00	09/30/23 18:16	1
Zinc	<0.0200		0.0200	0.00640	mg/L		09/26/23 10:00	09/30/23 18:16	1

Lab Sample ID: MB 310-400589/1-A
Matrix: Water
Analysis Batch: 401314

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 400589

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nickel	<0.00500		0.00500	0.00190	mg/L		09/26/23 10:00	10/02/23 13:01	1

Lab Sample ID: LCS 310-400589/2-A
Matrix: Water
Analysis Batch: 401128

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 400589

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	0.200	0.2299		mg/L		115	80 - 120
Arsenic	0.200	0.2079		mg/L		104	80 - 120
Barium	0.100	0.1040		mg/L		104	80 - 120
Beryllium	0.100	0.09444		mg/L		94	80 - 120
Cadmium	0.100	0.1064		mg/L		106	80 - 120
Chromium	0.100	0.1026		mg/L		103	80 - 120
Cobalt	0.100	0.1076		mg/L		108	80 - 120
Copper	0.200	0.2027		mg/L		101	80 - 120
Lead	0.200	0.2119		mg/L		106	80 - 120
Selenium	0.400	0.4065		mg/L		102	80 - 120
Silver	0.100	0.09935		mg/L		99	80 - 120
Thallium	0.200	0.1842		mg/L		92	80 - 120
Vanadium	0.100	0.1013		mg/L		101	80 - 120

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QC Sample Results

Client: HDR Inc
Project/Site: Metro Park EAST-Landfill-Ph II

Job ID: 310-265371-1

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: LCS 310-400589/2-A
Matrix: Water
Analysis Batch: 401128

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 400589

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Zinc	0.200	0.1897		mg/L		95	80 - 120

Lab Sample ID: LCS 310-400589/2-A
Matrix: Water
Analysis Batch: 401314

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 400589

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Nickel	0.200	0.2037		mg/L		102	80 - 120

Method: 1664A - HEM and SGT-HEM by Extraction and Gravimetry

Lab Sample ID: MB 310-400988/1-A
Matrix: Water
Analysis Batch: 401077

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 400988

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
HEM (Oil and Grease)	<5.0		5.0	4.5	mg/L		09/29/23 08:30	09/29/23 08:30	1

Lab Sample ID: LCS 310-400988/2-A
Matrix: Water
Analysis Batch: 401077

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 400988

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
HEM (Oil and Grease)	40.0	31.00		mg/L		78	78 - 114

Method: 335.4 - Cyanide, Total

Lab Sample ID: MB 310-400531/1-A
Matrix: Water
Analysis Batch: 400595

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 400531

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	<0.0100		0.0100	0.00430	mg/L		09/25/23 09:58	09/25/23 20:25	1

Lab Sample ID: LCS 310-400531/2-A
Matrix: Water
Analysis Batch: 400595

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 400531

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Cyanide, Total	0.200	0.1866		mg/L		93	90 - 110

Method: I-3765-85 - Residue, Non-filterable (TSS)

Lab Sample ID: MB 310-400373/1
Matrix: Water
Analysis Batch: 400373

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids	<5.00		5.00	1.70	mg/L			09/22/23 09:36	1

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QC Sample Results

Client: HDR Inc
 Project/Site: Metro Park EAST-Landfill-Ph II

Job ID: 310-265371-1

Method: I-3765-85 - Residue, Non-filterable (TSS) (Continued)

Lab Sample ID: LCS 310-400373/2
Matrix: Water
Analysis Batch: 400373

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Suspended Solids	100	93.00		mg/L		93	75 - 116

Lab Sample ID: 310-265371-4 DU
Matrix: Ground Water
Analysis Batch: 400373

Client Sample ID: Leachate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Suspended Solids	62.0		65.00		mg/L		5	35

Method: SM 2540C - Solids, Total Dissolved (TDS)

Lab Sample ID: MB 310-400438/1
Matrix: Water
Analysis Batch: 400438

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	<50.0		50.0	34.0	mg/L			09/22/23 15:07	1

Lab Sample ID: LCS 310-400438/2
Matrix: Water
Analysis Batch: 400438

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Dissolved Solids	1000	968.0		mg/L		97	90 - 110

QC Association Summary

Client: HDR Inc
Project/Site: Metro Park EAST-Landfill-Ph II

Job ID: 310-265371-1

GC/MS VOA

Analysis Batch: 400407

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-265371-1	MW-B	Total/NA	Ground Water	8260D	
310-265371-2	MW-C	Total/NA	Ground Water	8260D	
310-265371-3	MW-E	Total/NA	Ground Water	8260D	
310-265371-4	Leachate	Total/NA	Ground Water	8260D	
310-265371-5	DUP-4	Total/NA	Ground Water	8260D	
MB 310-400407/5	Method Blank	Total/NA	Water	8260D	
LCS 310-400407/6	Lab Control Sample	Total/NA	Water	8260D	
LCS 310-400407/7	Lab Control Sample	Total/NA	Water	8260D	
310-265371-1 MS	MW-B	Total/NA	Ground Water	8260D	
310-265371-1 MSD	MW-B	Total/NA	Ground Water	8260D	

GC/MS Semi VOA

Prep Batch: 400311

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-265371-4	Leachate	Total/NA	Ground Water	3510C	
MB 310-400311/1-A	Method Blank	Total/NA	Water	3510C	
LCS 310-400311/2-A	Lab Control Sample	Total/NA	Water	3510C	

Analysis Batch: 400415

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-265371-4	Leachate	Total/NA	Ground Water	8270E	400311
MB 310-400311/1-A	Method Blank	Total/NA	Water	8270E	400311
LCS 310-400311/2-A	Lab Control Sample	Total/NA	Water	8270E	400311

GC Semi VOA

Prep Batch: 400313

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-265371-4	Leachate	Total/NA	Ground Water	3510C	
MB 310-400313/1-A	Method Blank	Total/NA	Water	3510C	
LCS 310-400313/2-A	Lab Control Sample	Total/NA	Water	3510C	
LCS 310-400313/4-A	Lab Control Sample	Total/NA	Water	3510C	
LCSD 310-400313/3-A	Lab Control Sample Dup	Total/NA	Water	3510C	
LCSD 310-400313/5-A	Lab Control Sample Dup	Total/NA	Water	3510C	

Analysis Batch: 400746

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-265371-4	Leachate	Total/NA	Ground Water	8082A	400313
MB 310-400313/1-A	Method Blank	Total/NA	Water	8082A	400313
LCS 310-400313/2-A	Lab Control Sample	Total/NA	Water	8082A	400313
LCSD 310-400313/3-A	Lab Control Sample Dup	Total/NA	Water	8082A	400313

Analysis Batch: 400748

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-265371-4	Leachate	Total/NA	Ground Water	8081B	400313
MB 310-400313/1-A	Method Blank	Total/NA	Water	8081B	400313
LCS 310-400313/4-A	Lab Control Sample	Total/NA	Water	8081B	400313
LCSD 310-400313/5-A	Lab Control Sample Dup	Total/NA	Water	8081B	400313

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QC Association Summary

Client: HDR Inc
 Project/Site: Metro Park EAST-Landfill-Ph II

Job ID: 310-265371-1

Metals

Prep Batch: 400589

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-265371-1	MW-B	Total/NA	Ground Water	3005A	
310-265371-2	MW-C	Total/NA	Ground Water	3005A	
310-265371-3	MW-E	Total/NA	Ground Water	3005A	
310-265371-4	Leachate	Total/NA	Ground Water	3005A	
310-265371-5	DUP-4	Total/NA	Ground Water	3005A	
MB 310-400589/1-A	Method Blank	Total/NA	Water	3005A	
LCS 310-400589/2-A	Lab Control Sample	Total/NA	Water	3005A	

Analysis Batch: 401097

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-265371-1	MW-B	Total/NA	Ground Water	6020B	400589
310-265371-2	MW-C	Total/NA	Ground Water	6020B	400589
310-265371-3	MW-E	Total/NA	Ground Water	6020B	400589
310-265371-4	Leachate	Total/NA	Ground Water	6020B	400589
310-265371-5	DUP-4	Total/NA	Ground Water	6020B	400589

Analysis Batch: 401128

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-265371-1	MW-B	Total/NA	Ground Water	6020B	400589
310-265371-2	MW-C	Total/NA	Ground Water	6020B	400589
310-265371-3	MW-E	Total/NA	Ground Water	6020B	400589
310-265371-4	Leachate	Total/NA	Ground Water	6020B	400589
310-265371-5	DUP-4	Total/NA	Ground Water	6020B	400589
MB 310-400589/1-A	Method Blank	Total/NA	Water	6020B	400589
LCS 310-400589/2-A	Lab Control Sample	Total/NA	Water	6020B	400589

Prep Batch: 401177

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-265371-4	Leachate	Total/NA	Ground Water	245.1	
MB 310-401177/1-A	Method Blank	Total/NA	Water	245.1	
LCS 310-401177/2-A	Lab Control Sample	Total/NA	Water	245.1	

Analysis Batch: 401314

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 310-400589/1-A	Method Blank	Total/NA	Water	6020B	400589
LCS 310-400589/2-A	Lab Control Sample	Total/NA	Water	6020B	400589

Analysis Batch: 401339

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-265371-4	Leachate	Total/NA	Ground Water	245.2	401177
MB 310-401177/1-A	Method Blank	Total/NA	Water	245.2	401177
LCS 310-401177/2-A	Lab Control Sample	Total/NA	Water	245.2	401177

General Chemistry

Analysis Batch: 400373

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-265371-1	MW-B	Total/NA	Ground Water	I-3765-85	
310-265371-2	MW-C	Total/NA	Ground Water	I-3765-85	
310-265371-3	MW-E	Total/NA	Ground Water	I-3765-85	
310-265371-4	Leachate	Total/NA	Ground Water	I-3765-85	

QC Association Summary

Client: HDR Inc
 Project/Site: Metro Park EAST-Landfill-Ph II

Job ID: 310-265371-1

General Chemistry (Continued)

Analysis Batch: 400373 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-265371-5	DUP-4	Total/NA	Ground Water	I-3765-85	
MB 310-400373/1	Method Blank	Total/NA	Water	I-3765-85	
LCS 310-400373/2	Lab Control Sample	Total/NA	Water	I-3765-85	
310-265371-4 DU	Leachate	Total/NA	Ground Water	I-3765-85	

Analysis Batch: 400438

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-265371-4	Leachate	Total/NA	Ground Water	SM 2540C	
MB 310-400438/1	Method Blank	Total/NA	Water	SM 2540C	
LCS 310-400438/2	Lab Control Sample	Total/NA	Water	SM 2540C	

Prep Batch: 400531

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-265371-4	Leachate	Total/NA	Ground Water	Distill/CN	
MB 310-400531/1-A	Method Blank	Total/NA	Water	Distill/CN	
LCS 310-400531/2-A	Lab Control Sample	Total/NA	Water	Distill/CN	

Analysis Batch: 400595

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-265371-4	Leachate	Total/NA	Ground Water	335.4	400531
MB 310-400531/1-A	Method Blank	Total/NA	Water	335.4	400531
LCS 310-400531/2-A	Lab Control Sample	Total/NA	Water	335.4	400531

Prep Batch: 400988

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-265371-4	Leachate	Total/NA	Ground Water	1664A	
MB 310-400988/1-A	Method Blank	Total/NA	Water	1664A	
LCS 310-400988/2-A	Lab Control Sample	Total/NA	Water	1664A	

Analysis Batch: 401077

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-265371-4	Leachate	Total/NA	Ground Water	1664A	400988
MB 310-400988/1-A	Method Blank	Total/NA	Water	1664A	400988
LCS 310-400988/2-A	Lab Control Sample	Total/NA	Water	1664A	400988

Lab Chronicle

Client: HDR Inc
 Project/Site: Metro Park EAST-Landfill-Ph II

Job ID: 310-265371-1

Client Sample ID: MW-B

Lab Sample ID: 310-265371-1

Date Collected: 09/21/23 10:05

Matrix: Ground Water

Date Received: 09/21/23 16:25

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	400407	WSE8	EET CF	09/23/23 13:36
Total/NA	Prep	3005A			400589	KCK5	EET CF	09/26/23 10:00
Total/NA	Analysis	6020B		1	401097	ZRI4	EET CF	09/29/23 20:14
Total/NA	Prep	3005A			400589	KCK5	EET CF	09/26/23 10:00
Total/NA	Analysis	6020B		1	401128	A6US	EET CF	09/30/23 19:24
Total/NA	Analysis	I-3765-85		1	400373	ENB7	EET CF	09/22/23 09:36

Client Sample ID: MW-C

Lab Sample ID: 310-265371-2

Date Collected: 09/21/23 09:25

Matrix: Ground Water

Date Received: 09/21/23 16:25

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	400407	WSE8	EET CF	09/23/23 13:58
Total/NA	Prep	3005A			400589	KCK5	EET CF	09/26/23 10:00
Total/NA	Analysis	6020B		1	401097	ZRI4	EET CF	09/29/23 20:17
Total/NA	Prep	3005A			400589	KCK5	EET CF	09/26/23 10:00
Total/NA	Analysis	6020B		1	401128	A6US	EET CF	09/30/23 19:26
Total/NA	Analysis	I-3765-85		1	400373	ENB7	EET CF	09/22/23 09:36

Client Sample ID: MW-E

Lab Sample ID: 310-265371-3

Date Collected: 09/21/23 08:30

Matrix: Ground Water

Date Received: 09/21/23 16:25

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	400407	WSE8	EET CF	09/23/23 14:20
Total/NA	Prep	3005A			400589	KCK5	EET CF	09/26/23 10:00
Total/NA	Analysis	6020B		1	401097	ZRI4	EET CF	09/29/23 20:20
Total/NA	Prep	3005A			400589	KCK5	EET CF	09/26/23 10:00
Total/NA	Analysis	6020B		1	401128	A6US	EET CF	09/30/23 19:28
Total/NA	Analysis	I-3765-85		1	400373	ENB7	EET CF	09/22/23 09:36

Client Sample ID: Leachate

Lab Sample ID: 310-265371-4

Date Collected: 09/21/23 10:55

Matrix: Ground Water

Date Received: 09/21/23 16:25

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		10	400407	WSE8	EET CF	09/23/23 19:48
Total/NA	Prep	3510C			400311	Y6AF	EET CF	09/22/23 06:17
Total/NA	Analysis	8270E		1	400415	L0FS	EET CF	09/22/23 19:02
Total/NA	Prep	3510C			400313	Y6AF	EET CF	09/22/23 06:46
Total/NA	Analysis	8081B		1	400748	BW2O	EET CF	09/27/23 13:08
Total/NA	Prep	3510C			400313	Y6AF	EET CF	09/22/23 06:46
Total/NA	Analysis	8082A		1	400746	BW2O	EET CF	09/27/23 13:08
Total/NA	Prep	245.1			401177	NFT2	EET CF	10/02/23 10:48
Total/NA	Analysis	245.2		1	401339	NFT2	EET CF	10/03/23 11:39

Eurofins Cedar Falls

Lab Chronicle

Client: HDR Inc
 Project/Site: Metro Park EAST-Landfill-Ph II

Job ID: 310-265371-1

Client Sample ID: Leachate

Lab Sample ID: 310-265371-4

Date Collected: 09/21/23 10:55

Matrix: Ground Water

Date Received: 09/21/23 16:25

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3005A			400589	KCK5	EET CF	09/26/23 10:00
Total/NA	Analysis	6020B		1	401097	ZRI4	EET CF	09/29/23 20:24
Total/NA	Prep	3005A			400589	KCK5	EET CF	09/26/23 10:00
Total/NA	Analysis	6020B		1	401128	A6US	EET CF	09/30/23 19:30
Total/NA	Prep	1664A			400988	A3GU	EET CF	09/29/23 08:30
Total/NA	Analysis	1664A		1	401077	A3GU	EET CF	09/29/23 08:30
Total/NA	Prep	Distill/CN			400531	ENB7	EET CF	09/25/23 09:58
Total/NA	Analysis	335.4		1	400595	ZJX4	EET CF	09/25/23 20:35
Total/NA	Analysis	I-3765-85		1	400373	ENB7	EET CF	09/22/23 09:36
Total/NA	Analysis	SM 2540C		1	400438	ENB7	EET CF	09/22/23 15:07

Client Sample ID: DUP-4

Lab Sample ID: 310-265371-5

Date Collected: 09/21/23 07:45

Matrix: Ground Water

Date Received: 09/21/23 16:25

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	400407	WSE8	EET CF	09/23/23 14:41
Total/NA	Prep	3005A			400589	KCK5	EET CF	09/26/23 10:00
Total/NA	Analysis	6020B		1	401097	ZRI4	EET CF	09/29/23 20:27
Total/NA	Prep	3005A			400589	KCK5	EET CF	09/26/23 10:00
Total/NA	Analysis	6020B		1	401128	A6US	EET CF	09/30/23 19:32
Total/NA	Analysis	I-3765-85		1	400373	ENB7	EET CF	09/22/23 09:36

Laboratory References:

EET CF = Eurofins Cedar Falls, 3019 Venture Way, Cedar Falls, IA 50613, TEL (319)277-2401

Accreditation/Certification Summary

Client: HDR Inc
Project/Site: Metro Park EAST-Landfill-Ph II

Job ID: 310-265371-1

Laboratory: Eurofins Cedar Falls

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
Iowa	State	007	12-01-23

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
8270E	3510C	Ground Water	Benzoic acid
8270E	3510C	Ground Water	Pyridine
8270E	3510C	Ground Water	Total Cresols

Method Summary

Client: HDR Inc
 Project/Site: Metro Park EAST-Landfill-Ph II

Job ID: 310-265371-1

Method	Method Description	Protocol	Laboratory
8260D	Volatile Organic Compounds by GC/MS	SW846	EET CF
8270E	Semivolatile Organic Compounds (GC/MS)	SW846	EET CF
8081B	Organochlorine Pesticides (GC)	SW846	EET CF
8082A	Polychlorinated Biphenyls (PCBs) by Gas Chromatography	SW846	EET CF
245.2	Mercury (CVAA)	EPA	EET CF
6020B	Metals (ICP/MS)	SW846	EET CF
1664A	HEM and SGT-HEM by Extraction and Gravimetry	40CFR136A	EET CF
335.4	Cyanide, Total	EPA	EET CF
I-3765-85	Residue, Non-filterable (TSS)	USGS	EET CF
SM 2540C	Solids, Total Dissolved (TDS)	SM	EET CF
1664A	HEM and SGT-HEM (SPE)	1664A	EET CF
245.1	Preparation, Mercury	EPA	EET CF
3005A	Preparation, Total Metals	SW846	EET CF
3510C	Liquid-Liquid Extraction (Separatory Funnel)	SW846	EET CF
5030B	Purge and Trap	SW846	EET CF
Distill/CN	Distillation, Cyanide	None	EET CF

Protocol References:

- 1664A = EPA-821-98-002
- 40CFR136A = "Methods for Organic Chemical Analysis of Municipal Industrial Wastewater", 40CFR, Part 136, Appendix A, October 26, 1984 and subsequent revisions.
- EPA = US Environmental Protection Agency
- None = None
- SM = "Standard Methods For The Examination Of Water And Wastewater"
- SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.
- USGS = "Methods For Analysis Of Water And Fluvial Sediments", USGS, 1989

Laboratory References:

- EET CF = Eurofins Cedar Falls, 3019 Venture Way, Cedar Falls, IA 50613, TEL (319)277-2401





Environment Testing
America



Cooler/Sample Receipt and Temperature Log Form

Client Information			
Client: <u>HDR</u>			
City/State:	CITY	STATE	Project:
Receipt Information			
Date/Time Received:	DATE	TIME	Received By:
	<u>9/21/23</u>	<u>1625</u>	<u>LR</u>
Delivery Type: <input type="checkbox"/> UPS <input type="checkbox"/> FedEx <input type="checkbox"/> FedEx Ground <input type="checkbox"/> US Mail <input type="checkbox"/> Spee-Dee			
<input checked="" type="checkbox"/> Lab Courier <input type="checkbox"/> Lab Field Services <input type="checkbox"/> Client Drop-off <input type="checkbox"/> Other: _____			
Condition of Cooler/Containers			
Sample(s) received in Cooler?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	If yes: Cooler ID: _____	
Multiple Coolers?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If yes: Cooler # ____ of ____	
Cooler Custody Seals Present?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If yes: Cooler custody seals intact? <input type="checkbox"/> Yes <input type="checkbox"/> No	
Sample Custody Seals Present?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If yes: Sample custody seals intact? <input type="checkbox"/> Yes <input type="checkbox"/> No	
Trip Blank Present?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If yes: Which VOA samples are in cooler? ↓	
Temperature Record			
Coolant: <input checked="" type="checkbox"/> Wet ice <input type="checkbox"/> Blue ice <input type="checkbox"/> Dry ice <input type="checkbox"/> Other: _____ <input type="checkbox"/> NONE			
Thermometer ID: <u>P</u>		Correction Factor (°C): <u>0</u>	
* Temp Blank Temperature - If no temp blank, or temp blank temperature above criteria, proceed to Sample Container Temperature			
Uncorrected Temp (°C): <u>1.8</u>		Corrected Temp (°C): <u>1.8</u>	
Sample Container Temperature			
Container(s) used:	<u>CONTAINER 1</u>	<u>CONTAINER 2</u>	
Uncorrected Temp (°C):			
Corrected Temp (°C):			
Exceptions Noted			
1) If temperature exceeds criteria, was sample(s) received same day of sampling? <input type="checkbox"/> Yes <input type="checkbox"/> No			
a) If yes: Is there evidence that the chilling process began? <input type="checkbox"/> Yes <input type="checkbox"/> No			
2) If temperature is <0°C, are there obvious signs that the integrity of sample containers is compromised? (e.g., bulging septa, broken/cracked bottles, frozen solid?) <input type="checkbox"/> Yes <input type="checkbox"/> No			
NOTE: If yes, contact PM before proceeding. If no, proceed with login			
Additional Comments			





Cedar Falls Division
704 Enterprise Drive
Cedar Falls IA 50613

Phone 319-277-2401
Fax 319-277-2425

To assist us in using the proper analytical methods
is this work being conducted for regulatory purposes?
Compliance Monitoring

Client Name Metro Waste Authority - DM Client # _____

Address 12181 NE 12th Avenue

City/State/Zip Code Mitchellville, Iowa 50169

Project Manager: Richard Wilson richard.wilson2@hdrinc.com

Telephone Number: (402)392-6714 Fax _____

Sampler Name (Print Name) Andy Lee/ Brendan Bunker

Sampler Signature Brendan Bunker

Project Name Metro Park EAST Landfill - Ph II

Project # _____

Site/Location ID Metro Park EAST Landfill State Iowa

Report To Arthur Kern - ake@mwatoday.com

Invoice To Arthur Kern - ake@mwatoday.com

Quote # _____

TAT	Date Needed: _____	Date Sampled	Time Sampled	G = Grab, C = Composite	Field Filtered	Matrix Preservation & # of Containers						Other (Specify)	Analyze For:	QC Deliverables	REMARKS		
						SL Sludge DW Drinking Water GW	Groundwater S Soil/Solid WW	Wastewater Specify Other	HNO ₃	HCl	NaOH					H ₂ SO ₄	Methanol
RW-B		9/21	10:05	C	N	N	1	3	1	1	1	1	1	1	1	None	
RW-C		9/21	9:25	C	N	N	1	3	1	1	1	1	1	1	1	None	
MW-E		9/21	8:30	C	N	N	1	3	1	1	1	1	1	1	1	None	
LEACHATE		9/21	10:55	C	N	N	1	3	1	2	7	1	1	1	1	None	
DUP-4		9/21	7:45	C	N	N	1	3	1	1	1	1	1	1	1	None	
					G	N											
					G	N											
					G	N											
					G	N											

Special Instructions

LABORATORY COMMENTS:

Relinquished By: <u>AK</u>	Date: <u>9/21/23</u>	Time: <u>1:30pm</u>	Received By: <u>[Signature]</u>	Date: <u>9/21/23</u>	Time: <u>10:25</u>
Relinquished By:	Date:	Time:	Received By:	Date:	Time:
Relinquished By:	Date:	Time:	Received By:	Date:	Time:

Custody Seals: Y N N/A
Bottles Supplied by TestAmerica: Y N

Method of Shipment:



Login Sample Receipt Checklist

Client: HDR Inc

Job Number: 310-265371-1

Login Number: 265371

List Source: Eurofins Cedar Falls

List Number: 1

Creator: Tucker, Sarah L

Question	Answer	Comment
Radioactivity wasn't checked or is <=/ background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	



CERTIFICATE OF ANALYSIS

Client: TestAmerica
3019 Venture Way
Cedar Falls IA 50613

Report Date: 10/3/2023
Report No.: 689996 - TEM Water
Project: Metro Park EAST - Landfill Phase II
Project No.: 31016556

Client: TES568

TEM WATER SAMPLE ANALYSIS SUMMARY

Lab No.: 7674956
Client No.: Leachate


Sampled: 9/21/23
Analyzed: 10/3/23
Location:

Total Asbestos Concentration (MFL): <6.2
Asbestos Concentration Fibers > 10 μ m (MFL): <6.2
Asbestos Types: None Detected

Note: Sample turbidity >1.0 NTU. Therefore MDL >> 0.1 MFL. Does not meet National Primary Drinking Water Standards.

Please refer to the Preface of this report for further information regarding your analysis.

Date Received: 9/22/2023
Date Analyzed: 10/03/2023
Signature: 
Analyst: Craig Liska

Approved By: 
Frank E. Ehrenfeld, III
Laboratory Director

CERTIFICATE OF ANALYSIS

Client: TestAmerica
3019 Venture Way
Cedar Falls IA 50613

Report Date: 10/3/2023
Report No.: 689996 - TEM Water
Project: Metro Park EAST - Landfill Phase II
Project No.: 31016556

Client: TES568

Appendix to Analytical Report:

Customer Contact: Brian Graettinger

Method: EPA Method For Determining Asbestos In Drinking Water, EPA Method 100.2

This appendix seeks to promote greater understanding of any observations, exceptions, special instructions, or circumstances that the laboratory needs to communicate to the client concerning the above samples. The information below is used to help promote your ability to make the most informed decisions for you and your customers. Please note the following points of contact for any questions you may have.

iATL Customer Service: customerservice@iatl.com

iATL Office Manager: wchampion@iatl.com

iATL Account Representative: Shirley Clark

Sample Login Notes: See Batch Sheet Attached

Sample Matrix: Air Cassettes

Exceptions Noted: See Following Pages

General Terms, Warrants, Limits, Qualifiers:

General information about iATL capabilities and client/laboratory relationships and responsibilities are spelled out in iATL policies that are listed at www.iATL.com and in our Quality Assurance Manual per ISO 17025 standard requirements. The information therein is a representation of iATL definitions and policies for turnaround times, sample submittal, collection media, blank definitions, quantification issues and limit of detection, analytical methods and procedures, sub-contracting policies, results reporting options, fees, terms, and discounts, confidentiality, sample archival and disposal, and data interpretation.

iATL warrants the test results to be of a precision normal for the type and methodology employed for each sample submitted. iATL disclaims any other warrants, expressed or implied, including warranty of fitness for a particular purpose and warranty of merchantability. iATL accepts no legal responsibility for the purpose for which the client uses test results. Any analytical work performed must be governed by our Standard Terms and Conditions. Prices, methods and detection limits may be changed without notification. Please contact your Customer Service Representative for the most current information.

This confidential report relates only to those item(s) tested and does not represent an endorsement by NIST-NVLAP, AIHA LAP LLC, or any agency of local, state or province governments nor of any agency of the U.S. government.

This report shall not be reproduced except in full, without written approval of the laboratory.

Information Pertinent to this Report:

Analysis by EPA Method For Determining Asbestos In Drinking Water, EPA Method 100.2

Accreditation:

- NYSDOH-ELAP No. 11021

- NJ DEP No. 03863

- PA DEP No. 68-03378

Minimum detection limit dependent upon turbidity of sample and volume filtered.

National Primary Drinking Water Regulations under EPA's Safe Drinking Water Act dictates maximum contaminant levels for asbestos at 7.0 million fibers per liter (MFL).

EPA and NYS-DOH regulations require segregation of overall fiber concentration, total asbestos concentration, and asbestos concentration of fibers > 10 µm in length.

All results are based on the samples as received at the lab. iATL assumes that appropriate sampling methods have been used and that the data upon which these results are based have been accurately supplied by the client.

Disclaimers / Qualifiers:

There may be some samples in this project that have a "NOTE:" associated with a sample result. We use added disclaimers or qualifiers to inform the client about something that requires further explanation. Here is a complete list with highlighted disclaimers pertinent to this project. For a full explanation of these and other

CERTIFICATE OF ANALYSIS

Client: TestAmerica
3019 Venture Way
Cedar Falls IA 50613

Report Date: 10/3/2023
Report No.: 689996 - TEM Water
Project: Metro Park EAST - Landfill Phase II
Project No.: 31016556

Client: TES568

disclaimers, please inquire at customerservice@iatl.com.

(1)Note: Sample not analyzed.

(2)Note: Sample not analyzed at request of client.

(6)Note: Sample turbidity >1.0 NTU. Therefore MDL >> 0.1 MFL. Does not meet National Primary Drinking Water Standards.

(9)Note: Void - overloaded, unable to prep.

Samples received out of hold time (48 hours) must have UV/O3 treatment to assure sample viability.

CERTIFICATE OF ANALYSIS

Client: TestAmerica
3019 Venture Way
Cedar Falls IA 50613

Report Date: 10/3/2023
Report No.: 689996 - TEM Water
Project: Metro Park EAST - Landfill Phase II
Project No.: 31016556

Client: TES568

TEM WATER SAMPLE ANALYSIS DETAILS

Lab No.: 7674956
Client No.: Leachate

Sampled: 9/21/23
Analyzed: 10/3/23
Location:

Filter Type: MCE
Filter Size (mm²): 962
Pore Size (µm): 0.45

Volume Filtered (mL): 1
Grid Openings: 12
Opening Area (mm²): 0.013
Area Analyzed (mm²): 0.156
Sensitivity (f/mm²): 6.41
Detection Limit (MFL): 6.2

Asbestos Fibers
Total Fibers > 0.5 µm: None Detected
Concentration (MFL): <6.2
Fibers > 10 µm: None Detected
Concentration (MFL): <6.2
Asbestos Type(s): None Detected


Non-Asbestos Fibers: None Detected
Concentration (MFL): <6.2
Fiber Types Identified: None Detected

Micrograph Number:
X-Ray Spectrum Number:

Note: Sample turbidity >1.0 NTU. Therefore MDL >> 0.1 MFL. Does not meet National Primary Drinking Water Standards.

Please refer to the Preface of this report for further information regarding your analysis.

Date Received: 9/22/2023
Date Analyzed: 10/03/2023
Signature: 
Analyst: Craig Liska

Approved By: 
Frank E. Ehrenfeld, III
Laboratory Director



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CERTIFICATE OF ANALYSIS

Client: TestAmerica
3019 Venture Way
Cedar Falls IA 50613

Report Date: 10/3/2023
Report No.: 689996 - TEM Water
Project: Metro Park EAST - Landfill Phase II
Project No.: 31016556

Client: TES568

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ANALYTICAL REPORT

PREPARED FOR

Attn: Richard Wilson
HDR Inc
1917 S 67th Street
Omaha, Nebraska 68106
Generated 10/30/2024 4:21:26 PM

JOB DESCRIPTION

Metro Park EAST-Landfill Phase II

JOB NUMBER

310-292696-1

Eurofins Cedar Falls

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing North Central, LLC Project Manager.

Authorization



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Authorized for release by
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Case Narrative

Client: HDR Inc
Project: Metro Park EAST-Landfill Phase II

Job ID: 310-292696-1

Job ID: 310-292696-1

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Job Narrative 310-292696-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Receipt

The samples were received on 10/11/2024 5:10 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperatures of the 2 coolers at receipt time were 1.0°C and 1.3°C.

Subcontract Work

Method Asbestos: This method was subcontracted to International Asbestos Testing Labs. The subcontract laboratory certification is different from that of the facility issuing the final report. The subcontract report is appended in its entirety.

GC/MS VOA

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

GC/MS Semi VOA

Method 8270E: The continuing calibration verification (CCV) associated with batch 310-436778 recovered above the upper control limit for Pronamide (20.3%D). The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

PCBs

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Pesticides

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Metals

Method 6020B: The following sample was received with insufficient preservation: Leachate (310-292696-12). The maximum amount of preservative was added by the laboratory, but the sample remained strongly basic. No further attempt was made to acidify the sample, as it would have diluted the sample. This does not meet regulatory requirements. Due to the difficult matrix, only 10 mL was used for digestion.

Method 6020B: The following samples were diluted due to the nature of the sample matrix: GU-3 (310-292696-6), MW-66 (310-292696-10) and GU-5 (310-292696-15). Elevated reporting limits (RLs) are provided.

Method 6020B: The following samples were diluted due to the nature of the sample matrix: MW-66 (310-292696-10) and GU-5 (310-292696-15). Elevated reporting limits (RLs) are provided.

Method 7470A: The following sample was received with insufficient preservation: Leachate (310-292696-12). The maximum amount of preservative was added by the laboratory, but the sample remained strongly basic. No further attempt was made to acidify the sample, as it would have diluted the sample. This does not meet regulatory requirements. Due to the difficult matrix of the sample, only 10 mL was digested.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

General Chemistry

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

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Case Narrative

Client: HDR Inc
Project: Metro Park EAST-Landfill Phase II

Job ID: 310-292696-1

Job ID: 310-292696-1 (Continued)

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Sample Summary

Client: HDR Inc
Project/Site: Metro Park EAST-Landfill Phase II

Job ID: 310-292696-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
310-292696-1	MW-26	Water	10/10/24 14:43	10/11/24 17:10
310-292696-2	MW-67	Water	10/10/24 10:30	10/11/24 17:10
310-292696-3	MW-B	Water	10/10/24 12:58	10/11/24 17:10
310-292696-4	MW-C	Water	10/10/24 12:46	10/11/24 17:10
310-292696-5	MW-E	Water	10/10/24 15:03	10/11/24 17:10
310-292696-6	GU-3	Water	10/10/24 17:50	10/11/24 17:10
310-292696-9	MW-37	Water	10/10/24 11:55	10/11/24 17:10
310-292696-10	MW-66	Water	10/10/24 09:52	10/11/24 17:10
310-292696-11	Dup-4	Water	10/10/24 13:00	10/11/24 17:10
310-292696-12	Leachate	Water	10/10/24 16:10	10/11/24 17:10
310-292696-13	TB-2	Water	10/10/24 17:08	10/11/24 17:10
310-292696-14	GU-4	Water	10/10/24 17:08	10/11/24 17:10
310-292696-15	GU-5	Water	10/10/24 17:08	10/11/24 17:10

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Client Sample Results

Client: HDR Inc
Project/Site: Metro Park EAST-Landfill Phase II

Job ID: 310-292696-1

Client Sample ID: Leachate

Lab Sample ID: 310-292696-12

Date Collected: 10/10/24 16:10

Matrix: Water

Date Received: 10/11/24 17:10

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	2950		100	31.0	ug/L			10/18/24 12:25	10
Acrylonitrile	<50.0		50.0	22.0	ug/L			10/18/24 12:25	10
Benzene	2.46	J	5.00	2.20	ug/L			10/18/24 12:25	10
Bromochloromethane	<50.0		50.0	5.40	ug/L			10/18/24 12:25	10
Bromodichloromethane	<10.0		10.0	3.90	ug/L			10/18/24 12:25	10
Bromoform	<50.0		50.0	7.80	ug/L			10/18/24 12:25	10
Bromomethane	<40.0		40.0	11.0	ug/L			10/18/24 12:25	10
2-Butanone (MEK)	904		100	21.0	ug/L			10/18/24 12:25	10
Carbon disulfide	<10.0		10.0	4.50	ug/L			10/18/24 12:25	10
Carbon tetrachloride	<20.0		20.0	6.50	ug/L			10/18/24 12:25	10
Chlorobenzene	<10.0		10.0	4.00	ug/L			10/18/24 12:25	10
Chlorodibromomethane	<50.0		50.0	7.50	ug/L			10/18/24 12:25	10
Chloroethane	<40.0		40.0	7.90	ug/L			10/18/24 12:25	10
Chloroform	<30.0		30.0	13.0	ug/L			10/18/24 12:25	10
Chloromethane	<30.0		30.0	6.10	ug/L			10/18/24 12:25	10
cis-1,2-Dichloroethene	<10.0		10.0	2.10	ug/L			10/18/24 12:25	10
cis-1,3-Dichloropropene	<50.0		50.0	2.50	ug/L			10/18/24 12:25	10
1,2-Dibromo-3-chloropropane	<50.0		50.0	12.0	ug/L			10/18/24 12:25	10
1,2-Dibromoethane (EDB)	<10.0		10.0	3.40	ug/L			10/18/24 12:25	10
Dibromomethane	<10.0		10.0	3.30	ug/L			10/18/24 12:25	10
1,2-Dichlorobenzene	<10.0		10.0	3.70	ug/L			10/18/24 12:25	10
1,4-Dichlorobenzene	<10.0		10.0	2.30	ug/L			10/18/24 12:25	10
1,1-Dichloroethane	<10.0		10.0	2.20	ug/L			10/18/24 12:25	10
1,2-Dichloroethane	<10.0		10.0	3.90	ug/L			10/18/24 12:25	10
1,1-Dichloroethene	<20.0		20.0	5.60	ug/L			10/18/24 12:25	10
1,2-Dichloropropane	<10.0		10.0	2.70	ug/L			10/18/24 12:25	10
Ethylbenzene	<10.0		10.0	3.10	ug/L			10/18/24 12:25	10
2-Hexanone	<100		100	20.0	ug/L			10/18/24 12:25	10
Iodomethane	<100		100	70.0	ug/L			10/18/24 12:25	10
Methylene chloride	<50.0		50.0	17.0	ug/L			10/18/24 12:25	10
4-Methyl-2-pentanone (MIBK)	27.1	J	100	21.0	ug/L			10/18/24 12:25	10
Styrene	<10.0		10.0	3.70	ug/L			10/18/24 12:25	10
1,1,1,2-Tetrachloroethane	<10.0		10.0	3.80	ug/L			10/18/24 12:25	10
1,1,2,2-Tetrachloroethane	<10.0		10.0	4.70	ug/L			10/18/24 12:25	10
Tetrachloroethene	<10.0		10.0	4.80	ug/L			10/18/24 12:25	10
Toluene	8.52	J	10.0	4.30	ug/L			10/18/24 12:25	10
trans-1,4-Dichloro-2-butene	<100		100	11.0	ug/L			10/18/24 12:25	10
trans-1,2-Dichloroethene	<10.0		10.0	2.70	ug/L			10/18/24 12:25	10
trans-1,3-Dichloropropene	<50.0		50.0	5.60	ug/L			10/18/24 12:25	10
1,1,1-Trichloroethane	<10.0		10.0	1.90	ug/L			10/18/24 12:25	10
1,1,2-Trichloroethane	<10.0		10.0	4.50	ug/L			10/18/24 12:25	10
Trichloroethene	<10.0		10.0	4.30	ug/L			10/18/24 12:25	10
Trichlorofluoromethane	<40.0		40.0	3.80	ug/L			10/18/24 12:25	10
1,2,3-Trichloropropane	<10.0		10.0	5.90	ug/L			10/18/24 12:25	10
Vinyl acetate	<100		100	25.0	ug/L			10/18/24 12:25	10
Vinyl chloride	<10.0		10.0	1.80	ug/L			10/18/24 12:25	10
Xylenes, Total	14.8	J	30.0	4.00	ug/L			10/18/24 12:25	10

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		80 - 120		10/18/24 12:25	10

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Client Sample Results

Client: HDR Inc
Project/Site: Metro Park EAST-Landfill Phase II

Job ID: 310-292696-1

Client Sample ID: Leachate

Lab Sample ID: 310-292696-12

Date Collected: 10/10/24 16:10

Matrix: Water

Date Received: 10/11/24 17:10

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Dibromofluoromethane (Surr)	101		73 - 130		10/18/24 12:25	10
Toluene-d8 (Surr)	98		80 - 120		10/18/24 12:25	10

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4,5-Tetrachlorobenzene	<10.0		10.0	0.540	ug/L		10/17/24 11:57	10/18/24 18:02	1
1,3,5-Trinitrobenzene	<10.0		10.0	2.30	ug/L		10/17/24 11:57	10/18/24 18:02	1
1,3-Dinitrobenzene	<10.0		10.0	3.20	ug/L		10/17/24 11:57	10/18/24 18:02	1
1,4-Naphthoquinone	<10.0		10.0	3.60	ug/L		10/17/24 11:57	10/18/24 18:02	1
1,4-Phenylenediamine	<10.0		10.0	1.90	ug/L		10/17/24 11:57	10/18/24 18:02	1
1-Naphthylamine	<10.0		10.0	2.50	ug/L		10/17/24 11:57	10/18/24 18:02	1
2,3,4,6-Tetrachlorophenol	<10.0		10.0	5.30	ug/L		10/17/24 11:57	10/18/24 18:02	1
2,4,5-Trichlorophenol	<10.0		10.0	5.30	ug/L		10/17/24 11:57	10/18/24 18:02	1
2,4,6-Trichlorophenol	<10.0		10.0	5.00	ug/L		10/17/24 11:57	10/18/24 18:02	1
2,4-Dichlorophenol	<10.0		10.0	0.850	ug/L		10/17/24 11:57	10/18/24 18:02	1
2,4-Dimethylphenol	<10.0		10.0	0.580	ug/L		10/17/24 11:57	10/18/24 18:02	1
2,4-Dinitrophenol	<20.0		20.0	13.0	ug/L		10/17/24 11:57	10/18/24 18:02	1
2,4-Dinitrotoluene	<10.0		10.0	6.40	ug/L		10/17/24 11:57	10/18/24 18:02	1
2,6-Dichlorophenol	<10.0		10.0	0.690	ug/L		10/17/24 11:57	10/18/24 18:02	1
2,6-Dinitrotoluene	<10.0		10.0	0.520	ug/L		10/17/24 11:57	10/18/24 18:02	1
2-Acetylaminofluorene	<10.0		10.0	2.70	ug/L		10/17/24 11:57	10/18/24 18:02	1
2-Chloronaphthalene	<10.0		10.0	0.640	ug/L		10/17/24 11:57	10/18/24 18:02	1
2-Chlorophenol	<10.0		10.0	0.540	ug/L		10/17/24 11:57	10/18/24 18:02	1
2-Methylnaphthalene	<10.0		10.0	0.590	ug/L		10/17/24 11:57	10/18/24 18:02	1
2-Methylphenol	5.15	J	10.0	0.650	ug/L		10/17/24 11:57	10/18/24 18:02	1
2-Naphthylamine	<10.0		10.0	2.10	ug/L		10/17/24 11:57	10/18/24 18:02	1
2-Nitroaniline	<10.0		10.0	5.90	ug/L		10/17/24 11:57	10/18/24 18:02	1
2-Nitrophenol	<10.0		10.0	6.80	ug/L		10/17/24 11:57	10/18/24 18:02	1
3,3'-Dichlorobenzidine	<10.0		10.0	1.40	ug/L		10/17/24 11:57	10/18/24 18:02	1
3,3'-Dimethylbenzidine	<10.0		10.0	1.50	ug/L		10/17/24 11:57	10/18/24 18:02	1
3-Methylcholanthrene	<10.0		10.0	0.320	ug/L		10/17/24 11:57	10/18/24 18:02	1
3-Nitroaniline	<10.0		10.0	2.70	ug/L		10/17/24 11:57	10/18/24 18:02	1
4,6-Dinitro-2-methylphenol	<10.0		10.0	6.90	ug/L		10/17/24 11:57	10/18/24 18:02	1
4-Aminobiphenyl	<10.0		10.0	2.20	ug/L		10/17/24 11:57	10/18/24 18:02	1
4-Bromophenyl phenyl ether	<10.0		10.0	0.700	ug/L		10/17/24 11:57	10/18/24 18:02	1
4-Chloro-3-methylphenol	<10.0		10.0	0.840	ug/L		10/17/24 11:57	10/18/24 18:02	1
4-Chloroaniline	<10.0		10.0	0.620	ug/L		10/17/24 11:57	10/18/24 18:02	1
4-Chlorophenyl phenyl ether	<10.0		10.0	0.690	ug/L		10/17/24 11:57	10/18/24 18:02	1
4-Methylphenol (and/or 3-Methylphenol)	<10.0		10.0	0.700	ug/L		10/17/24 11:57	10/18/24 18:02	1
4-Nitroaniline	<10.0		10.0	1.30	ug/L		10/17/24 11:57	10/18/24 18:02	1
4-Nitrophenol	<10.0		10.0	7.60	ug/L		10/17/24 11:57	10/18/24 18:02	1
5-Nitro-o-toluidine	<10.0		10.0	2.80	ug/L		10/17/24 11:57	10/18/24 18:02	1
7,12-Dimethylbenz(a)anthracene	<10.0		10.0	1.90	ug/L		10/17/24 11:57	10/18/24 18:02	1
Acenaphthene	<10.0		10.0	0.640	ug/L		10/17/24 11:57	10/18/24 18:02	1
Acenaphthylene	<10.0		10.0	0.720	ug/L		10/17/24 11:57	10/18/24 18:02	1
Acetophenone	9.74	J	10.0	0.690	ug/L		10/17/24 11:57	10/18/24 18:02	1
Anthracene	<10.0		10.0	0.870	ug/L		10/17/24 11:57	10/18/24 18:02	1
Benzo(a)anthracene	<10.0		10.0	0.850	ug/L		10/17/24 11:57	10/18/24 18:02	1

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Client Sample Results

Client: HDR Inc
 Project/Site: Metro Park EAST-Landfill Phase II

Job ID: 310-292696-1

Client Sample ID: Leachate

Lab Sample ID: 310-292696-12

Date Collected: 10/10/24 16:10

Matrix: Water

Date Received: 10/11/24 17:10

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo(a)pyrene	<10.0		10.0	8.10	ug/L		10/17/24 11:57	10/18/24 18:02	1
Benzo(b)fluoranthene	<10.0		10.0	4.90	ug/L		10/17/24 11:57	10/18/24 18:02	1
Benzo(g,h,i)perylene	<10.0		10.0	6.30	ug/L		10/17/24 11:57	10/18/24 18:02	1
Benzo(k)fluoranthene	<10.0		10.0	2.20	ug/L		10/17/24 11:57	10/18/24 18:02	1
Benzyl alcohol	<10.0		10.0	1.30	ug/L		10/17/24 11:57	10/18/24 18:02	1
Bis(2-chloroethoxy)methane	<10.0		10.0	0.760	ug/L		10/17/24 11:57	10/18/24 18:02	1
Bis(2-chloroethyl)ether	<10.0		10.0	0.820	ug/L		10/17/24 11:57	10/18/24 18:02	1
bis(2-chloroisopropyl) ether	<10.0		10.0	0.540	ug/L		10/17/24 11:57	10/18/24 18:02	1
Bis(2-ethylhexyl) phthalate	<10.0		10.0	5.50	ug/L		10/17/24 11:57	10/18/24 18:02	1
Butyl benzyl phthalate	<10.0		10.0	5.40	ug/L		10/17/24 11:57	10/18/24 18:02	1
Chlorobenzilate	<10.0		10.0	3.60	ug/L		10/17/24 11:57	10/18/24 18:02	1
Chrysene	<10.0		10.0	0.870	ug/L		10/17/24 11:57	10/18/24 18:02	1
Diallate	<10.0		10.0	4.00	ug/L		10/17/24 11:57	10/18/24 18:02	1
Dibenz(a,h)anthracene	<10.0		10.0	3.90	ug/L		10/17/24 11:57	10/18/24 18:02	1
Dibenzofuran	<10.0		10.0	0.740	ug/L		10/17/24 11:57	10/18/24 18:02	1
Diethyl phthalate	<10.0		10.0	1.70	ug/L		10/17/24 11:57	10/18/24 18:02	1
Dimethoate	<10.0		10.0	3.60	ug/L		10/17/24 11:57	10/18/24 18:02	1
Dimethyl phthalate	<10.0		10.0	1.00	ug/L		10/17/24 11:57	10/18/24 18:02	1
Di-n-butyl phthalate	<10.0		10.0	5.60	ug/L		10/17/24 11:57	10/18/24 18:02	1
Di-n-octyl phthalate	<20.0		20.0	7.00	ug/L		10/17/24 11:57	10/18/24 18:02	1
Diphenylamine	<10.0		10.0	6.00	ug/L		10/17/24 11:57	10/18/24 18:02	1
Disulfoton	<10.0		10.0	2.40	ug/L		10/17/24 11:57	10/18/24 18:02	1
Ethyl methanesulfonate	<10.0		10.0	3.60	ug/L		10/17/24 11:57	10/18/24 18:02	1
Ethyl parathion	<10.0		10.0	2.20	ug/L		10/17/24 11:57	10/18/24 18:02	1
Famphur	<10.0		10.0	3.80	ug/L		10/17/24 11:57	10/18/24 18:02	1
Fluoranthene	<10.0		10.0	1.70	ug/L		10/17/24 11:57	10/18/24 18:02	1
Fluorene	<10.0		10.0	0.790	ug/L		10/17/24 11:57	10/18/24 18:02	1
Hexachlorobenzene	<10.0		10.0	0.700	ug/L		10/17/24 11:57	10/18/24 18:02	1
Hexachlorobutadiene	<10.0		10.0	0.860	ug/L		10/17/24 11:57	10/18/24 18:02	1
Hexachlorocyclopentadiene	<10.0		10.0	5.10	ug/L		10/17/24 11:57	10/18/24 18:02	1
Hexachloroethane	<10.0		10.0	0.970	ug/L		10/17/24 11:57	10/18/24 18:02	1
Hexachloropropene	<10.0		10.0	2.60	ug/L		10/17/24 11:57	10/18/24 18:02	1
Indeno(1,2,3-cd)pyrene	<10.0		10.0	4.20	ug/L		10/17/24 11:57	10/18/24 18:02	1
Isodrin	<10.0		10.0	4.70	ug/L		10/17/24 11:57	10/18/24 18:02	1
Isophorone	<10.0		10.0	0.930	ug/L		10/17/24 11:57	10/18/24 18:02	1
Isosafrole	<10.0		10.0	2.30	ug/L		10/17/24 11:57	10/18/24 18:02	1
Kepone	<10.0		10.0	1.00	ug/L		10/17/24 11:57	10/18/24 18:02	1
Methapyrilene	<10.0		10.0	0.760	ug/L		10/17/24 11:57	10/18/24 18:02	1
Methyl methanesulfonate	<10.0		10.0	3.30	ug/L		10/17/24 11:57	10/18/24 18:02	1
Methyl parathion	<10.0		10.0	2.30	ug/L		10/17/24 11:57	10/18/24 18:02	1
Nitrobenzene	<10.0		10.0	0.800	ug/L		10/17/24 11:57	10/18/24 18:02	1
N-Nitrosodiethylamine	12.9		10.0	3.40	ug/L		10/17/24 11:57	10/18/24 18:02	1
N-Nitrosodimethylamine	<10.0		10.0	0.720	ug/L		10/17/24 11:57	10/18/24 18:02	1
N-Nitrosodi-n-butylamine	<10.0		10.0	3.90	ug/L		10/17/24 11:57	10/18/24 18:02	1
N-Nitrosodi-n-propylamine	<10.0		10.0	0.920	ug/L		10/17/24 11:57	10/18/24 18:02	1
N-Nitrosodiphenylamine	<10.0		10.0	0.750	ug/L		10/17/24 11:57	10/18/24 18:02	1
N-Nitrosomethylethylamine	<10.0		10.0	4.90	ug/L		10/17/24 11:57	10/18/24 18:02	1
N-Nitrosopiperidine	<10.0		10.0	2.70	ug/L		10/17/24 11:57	10/18/24 18:02	1
N-Nitrosopyrrolidine	<10.0		10.0	3.60	ug/L		10/17/24 11:57	10/18/24 18:02	1

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Client Sample Results

Client: HDR Inc
Project/Site: Metro Park EAST-Landfill Phase II

Job ID: 310-292696-1

Client Sample ID: Leachate

Lab Sample ID: 310-292696-12

Date Collected: 10/10/24 16:10

Matrix: Water

Date Received: 10/11/24 17:10

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
o,o',o"-Triethylphosphorothioate	<10.0		10.0	3.20	ug/L		10/17/24 11:57	10/18/24 18:02	1
o-Toluidine	<10.0		10.0	2.90	ug/L		10/17/24 11:57	10/18/24 18:02	1
p-Dimethylamino azobenzene	<10.0		10.0	2.20	ug/L		10/17/24 11:57	10/18/24 18:02	1
Pentachlorobenzene	<10.0		10.0	2.80	ug/L		10/17/24 11:57	10/18/24 18:02	1
Pentachloronitrobenzene	<10.0		10.0	5.80	ug/L		10/17/24 11:57	10/18/24 18:02	1
Pentachlorophenol	<10.0		10.0	9.60	ug/L		10/17/24 11:57	10/18/24 18:02	1
Phenacetin	<10.0		10.0	1.90	ug/L		10/17/24 11:57	10/18/24 18:02	1
Phenanthrene	<10.0		10.0	0.790	ug/L		10/17/24 11:57	10/18/24 18:02	1
Phenol	<10.0		10.0	1.10	ug/L		10/17/24 11:57	10/18/24 18:02	1
Phorate	<10.0		10.0	3.20	ug/L		10/17/24 11:57	10/18/24 18:02	1
Pronamide	<10.0		10.0	2.70	ug/L		10/17/24 11:57	10/18/24 18:02	1
Pyrene	<10.0		10.0	0.790	ug/L		10/17/24 11:57	10/18/24 18:02	1
Safrole	<10.0		10.0	2.80	ug/L		10/17/24 11:57	10/18/24 18:02	1
Thionazin	<10.0		10.0	3.50	ug/L		10/17/24 11:57	10/18/24 18:02	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorophenol (Surr)	57		25 - 110	10/17/24 11:57	10/18/24 18:02	1
Phenol-d5 (Surr)	53		21 - 110	10/17/24 11:57	10/18/24 18:02	1
Nitrobenzene-d5 (Surr)	81		45 - 129	10/17/24 11:57	10/18/24 18:02	1
2-Fluorobiphenyl (Surr)	67		39 - 118	10/17/24 11:57	10/18/24 18:02	1
2,4,6-Tribromophenol (Surr)	82		27 - 136	10/17/24 11:57	10/18/24 18:02	1
Terphenyl-d14 (Surr)	64		12 - 144	10/17/24 11:57	10/18/24 18:02	1

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aldrin	<0.0938		0.0938	0.0206	ug/L		10/14/24 09:17	10/15/24 13:15	1
alpha-BHC	<0.0938		0.0938	0.00938	ug/L		10/14/24 09:17	10/15/24 13:15	1
beta-BHC	<0.0938		0.0938	0.0394	ug/L		10/14/24 09:17	10/15/24 13:15	1
gamma-BHC (Lindane)	<0.0938		0.0938	0.00938	ug/L		10/14/24 09:17	10/15/24 13:15	1
Chlordane (technical)	<1.88		1.88	0.366	ug/L		10/14/24 09:17	10/15/24 13:15	1
delta-BHC	<0.0938		0.0938	0.0300	ug/L		10/14/24 09:17	10/15/24 13:15	1
Dieldrin	<0.0938		0.0938	0.0197	ug/L		10/14/24 09:17	10/15/24 13:15	1
4,4'-DDD	<0.0938		0.0938	0.0235	ug/L		10/14/24 09:17	10/15/24 13:15	1
4,4'-DDE	<0.0938		0.0938	0.0282	ug/L		10/14/24 09:17	10/15/24 13:15	1
4,4'-DDT	<0.0938		0.0938	0.0188	ug/L		10/14/24 09:17	10/15/24 13:15	1
Endosulfan I	<0.0938		0.0938	0.0263	ug/L		10/14/24 09:17	10/15/24 13:15	1
Endosulfan II	<0.0938		0.0938	0.0244	ug/L		10/14/24 09:17	10/15/24 13:15	1
Endosulfan sulfate	<0.0938		0.0938	0.0169	ug/L		10/14/24 09:17	10/15/24 13:15	1
Endrin	<0.0938		0.0938	0.0263	ug/L		10/14/24 09:17	10/15/24 13:15	1
Endrin aldehyde	<0.0938		0.0938	0.0253	ug/L		10/14/24 09:17	10/15/24 13:15	1
Heptachlor	<0.0938		0.0938	0.0216	ug/L		10/14/24 09:17	10/15/24 13:15	1
Heptachlor epoxide	<0.0938		0.0938	0.0300	ug/L		10/14/24 09:17	10/15/24 13:15	1
Methoxychlor	<0.0938		0.0938	0.0300	ug/L		10/14/24 09:17	10/15/24 13:15	1
Toxaphene	<1.88		1.88	0.938	ug/L		10/14/24 09:17	10/15/24 13:15	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr)	69		10 - 136	10/14/24 09:17	10/15/24 13:15	1
Tetrachloro-m-xylene (Surr)	79		10 - 130	10/14/24 09:17	10/15/24 13:15	1

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Client Sample Results

Client: HDR Inc
Project/Site: Metro Park EAST-Landfill Phase II

Job ID: 310-292696-1

Client Sample ID: Leachate

Lab Sample ID: 310-292696-12

Date Collected: 10/10/24 16:10

Matrix: Water

Date Received: 10/11/24 17:10

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<1.88		1.88	0.769	ug/L		10/14/24 09:17	10/15/24 13:15	1
PCB-1221	<1.88		1.88	0.769	ug/L		10/14/24 09:17	10/15/24 13:15	1
PCB-1232	<1.88		1.88	0.769	ug/L		10/14/24 09:17	10/15/24 13:15	1
PCB-1242	<1.88		1.88	0.769	ug/L		10/14/24 09:17	10/15/24 13:15	1
PCB-1248	<1.88		1.88	0.647	ug/L		10/14/24 09:17	10/15/24 13:15	1
PCB-1254	<1.88		1.88	0.647	ug/L		10/14/24 09:17	10/15/24 13:15	1
PCB-1260	<1.88		1.88	0.647	ug/L		10/14/24 09:17	10/15/24 13:15	1
PCB-1268	<1.88		1.88	0.647	ug/L		10/14/24 09:17	10/15/24 13:15	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr)	69		10 - 136				10/14/24 09:17	10/15/24 13:15	1
Tetrachloro-m-xylene (Surr)	79		10 - 130				10/14/24 09:17	10/15/24 13:15	1

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.0238		0.0100	0.00500	mg/L		10/15/24 09:30	10/16/24 17:04	1
Arsenic	0.0672		0.0100	0.00265	mg/L		10/15/24 09:30	10/16/24 17:04	1
Barium	0.329		0.0100	0.00330	mg/L		10/15/24 09:30	10/16/24 17:04	1
Beryllium	<0.00500		0.00500	0.00165	mg/L		10/15/24 09:30	10/16/24 17:04	1
Cadmium	<0.00100		0.00100	0.000500	mg/L		10/15/24 09:30	10/16/24 17:04	1
Chromium	0.0665		0.0250	0.00600	mg/L		10/15/24 09:30	10/16/24 17:04	1
Cobalt	0.0214		0.00250	0.000850	mg/L		10/15/24 09:30	10/16/24 17:04	1
Copper	<0.0250		0.0250	0.00900	mg/L		10/15/24 09:30	10/16/24 17:04	1
Lead	<0.00250		0.00250	0.00130	mg/L		10/15/24 09:30	10/16/24 17:04	1
Nickel	0.160		0.0250	0.0105	mg/L		10/15/24 09:30	10/22/24 18:32	1
Selenium	<0.0250		0.0250	0.00700	mg/L		10/15/24 09:30	10/16/24 17:04	1
Silver	<0.00500		0.00500	0.00250	mg/L		10/15/24 09:30	10/16/24 17:04	1
Thallium	<0.00500		0.00500	0.00285	mg/L		10/15/24 09:30	10/29/24 17:13	1
Tin	<0.0250		0.0250	0.0115	mg/L		10/15/24 09:30	10/16/24 17:04	1
Vanadium	0.0412		0.0250	0.00550	mg/L		10/15/24 09:30	10/16/24 17:04	1
Zinc	<0.100		0.100	0.0485	mg/L		10/15/24 09:30	10/16/24 17:04	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000600		0.000600	0.000330	mg/L		10/23/24 13:35	10/24/24 11:51	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
HEM (Oil and Grease) (40CFR136A 1664A)	<4.9		4.9	4.4	mg/L		10/15/24 08:30	10/15/24 08:30	1
Cyanide, Total (EPA 335.4)	0.00384	J	0.0100	0.00350	mg/L		10/17/24 10:34	10/17/24 18:26	1
Total Dissolved Solids (SM 2540C)	5610		250	210	mg/L			10/15/24 17:46	1

Definitions/Glossary

Client: HDR Inc

Job ID: 310-292696-1

Project/Site: Metro Park EAST-Landfill Phase II

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

GC/MS Semi VOA

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Metals

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

General Chemistry

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Surrogate Summary

Client: HDR Inc
Project/Site: Metro Park EAST-Landfill Phase II

Job ID: 310-292696-1

Method: 8260D - Volatile Organic Compounds by GC/MS

Matrix: Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)		
		BFB (80-120)	DBFM (73-130)	TOL (80-120)
310-292696-1	MW-26	100	102	98
310-292696-1 MS	MW-26	98	100	99
310-292696-1 MSD	MW-26	99	101	99
310-292696-2	MW-67	99	102	97
310-292696-3	MW-B	100	102	98
310-292696-4	MW-C	99	103	97
310-292696-5	MW-E	99	102	97
310-292696-6	GU-3	99	102	97
310-292696-9	MW-37	98	102	97
310-292696-10	MW-66	100	102	97
310-292696-11	Dup-4	99	101	98
310-292696-12	Leachate	98	101	98
310-292696-13	TB-2	99	100	99
310-292696-14	GU-4	100	102	98
310-292696-15	GU-5	99	101	97
LCS 310-436593/6	Lab Control Sample	98	101	100
LCS 310-436593/7	Lab Control Sample	100	102	98
MB 310-436593/5	Method Blank	99	102	97

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)
DBFM = Dibromofluoromethane (Surr)
TOL = Toluene-d8 (Surr)

Method: 8270E - Semivolatile Organic Compounds (GC/MS)

Matrix: Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)					
		2FP (25-110)	PHL (21-110)	NBZ (45-129)	FBP (39-118)	TBP (27-136)	TPHL (12-144)
310-292696-12	Leachate	57	53	81	67	82	64
LCS 310-436607/2-A	Lab Control Sample	57	52	71	67	85	92
LCS 310-436607/3-A	Lab Control Sample Dup	61	54	76	76	94	104
MB 310-436607/1-A	Method Blank	58	49	79	70	81	95

Surrogate Legend

2FP = 2-Fluorophenol (Surr)
PHL = Phenol-d5 (Surr)
NBZ = Nitrobenzene-d5 (Surr)
FBP = 2-Fluorobiphenyl (Surr)
TBP = 2,4,6-Tribromophenol (Surr)
TPHL = Terphenyl-d14 (Surr)

Method: 8081B - Organochlorine Pesticides (GC)

Matrix: Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)	
		DCB1 (10-136)	TCX1 (10-130)
310-292696-12	Leachate	69	79
LB 310-435869/1-D	Method Blank	98	75

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Surrogate Summary

Client: HDR Inc

Job ID: 310-292696-1

Project/Site: Metro Park EAST-Landfill Phase II

Method: 8081B - Organochlorine Pesticides (GC) (Continued)

Matrix: Water

Prep Type: Total/NA

Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	DCB1 (10-136)	TCX1 (10-130)
LCS 310-436103/21-A	Lab Control Sample	105	71
MB 310-436103/1-A	Method Blank	122	79

Surrogate Legend

DCB = DCB Decachlorobiphenyl (Surr)

TCX = Tetrachloro-m-xylene (Surr)

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Matrix: Water

Prep Type: Total/NA

Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	DCB1 (10-136)	TCX1 (10-130)
310-292696-12	Leachate	69	79
LCS 310-436103/22-A	Lab Control Sample	96	50
MB 310-436103/1-A	Method Blank	122	79

Surrogate Legend

DCB = DCB Decachlorobiphenyl (Surr)

TCX = Tetrachloro-m-xylene (Surr)

QC Sample Results

Client: HDR Inc
 Project/Site: Metro Park EAST-Landfill Phase II

Job ID: 310-292696-1

Method: 8260D - Volatile Organic Compounds by GC/MS

Lab Sample ID: MB 310-436593/5
 Matrix: Water
 Analysis Batch: 436593

Client Sample ID: Method Blank
 Prep Type: Total/NA

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Acetone	<10.0		10.0	3.10	ug/L			10/18/24 04:03	1
Acrylonitrile	<5.00		5.00	2.20	ug/L			10/18/24 04:03	1
Benzene	<0.500		0.500	0.220	ug/L			10/18/24 04:03	1
Bromochloromethane	<5.00		5.00	0.540	ug/L			10/18/24 04:03	1
Bromodichloromethane	<1.00		1.00	0.390	ug/L			10/18/24 04:03	1
Bromoform	<5.00		5.00	0.780	ug/L			10/18/24 04:03	1
Bromomethane	<4.00		4.00	1.10	ug/L			10/18/24 04:03	1
2-Butanone (MEK)	<10.0		10.0	2.10	ug/L			10/18/24 04:03	1
Carbon disulfide	<1.00		1.00	0.450	ug/L			10/18/24 04:03	1
Carbon tetrachloride	<2.00		2.00	0.650	ug/L			10/18/24 04:03	1
Chlorobenzene	<1.00		1.00	0.400	ug/L			10/18/24 04:03	1
Chlorodibromomethane	<5.00		5.00	0.750	ug/L			10/18/24 04:03	1
Chloroethane	<4.00		4.00	0.790	ug/L			10/18/24 04:03	1
Chloroform	<3.00		3.00	1.30	ug/L			10/18/24 04:03	1
Chloromethane	<3.00		3.00	0.610	ug/L			10/18/24 04:03	1
cis-1,2-Dichloroethene	<1.00		1.00	0.210	ug/L			10/18/24 04:03	1
cis-1,3-Dichloropropene	<5.00		5.00	0.250	ug/L			10/18/24 04:03	1
1,2-Dibromo-3-chloropropane	<5.00		5.00	1.20	ug/L			10/18/24 04:03	1
1,2-Dibromoethane (EDB)	<1.00		1.00	0.340	ug/L			10/18/24 04:03	1
Dibromomethane	<1.00		1.00	0.330	ug/L			10/18/24 04:03	1
1,2-Dichlorobenzene	<1.00		1.00	0.370	ug/L			10/18/24 04:03	1
1,4-Dichlorobenzene	<1.00		1.00	0.230	ug/L			10/18/24 04:03	1
1,1-Dichloroethane	<1.00		1.00	0.220	ug/L			10/18/24 04:03	1
1,2-Dichloroethane	<1.00		1.00	0.390	ug/L			10/18/24 04:03	1
1,1-Dichloroethene	<2.00		2.00	0.560	ug/L			10/18/24 04:03	1
1,2-Dichloropropane	<1.00		1.00	0.270	ug/L			10/18/24 04:03	1
Ethylbenzene	<1.00		1.00	0.310	ug/L			10/18/24 04:03	1
2-Hexanone	<10.0		10.0	2.00	ug/L			10/18/24 04:03	1
Iodomethane	<10.0		10.0	7.00	ug/L			10/18/24 04:03	1
Methylene chloride	<5.00		5.00	1.70	ug/L			10/18/24 04:03	1
4-Methyl-2-pentanone (MIBK)	<10.0		10.0	2.10	ug/L			10/18/24 04:03	1
Styrene	<1.00		1.00	0.370	ug/L			10/18/24 04:03	1
1,1,1,2-Tetrachloroethane	<1.00		1.00	0.380	ug/L			10/18/24 04:03	1
1,1,2,2-Tetrachloroethane	<1.00		1.00	0.470	ug/L			10/18/24 04:03	1
Tetrachloroethene	<1.00		1.00	0.480	ug/L			10/18/24 04:03	1
Toluene	<1.00		1.00	0.430	ug/L			10/18/24 04:03	1
trans-1,4-Dichloro-2-butene	<10.0		10.0	1.10	ug/L			10/18/24 04:03	1
trans-1,2-Dichloroethene	<1.00		1.00	0.270	ug/L			10/18/24 04:03	1
trans-1,3-Dichloropropene	<5.00		5.00	0.560	ug/L			10/18/24 04:03	1
1,1,1-Trichloroethane	<1.00		1.00	0.190	ug/L			10/18/24 04:03	1
1,1,2-Trichloroethane	<1.00		1.00	0.450	ug/L			10/18/24 04:03	1
Trichloroethene	<1.00		1.00	0.430	ug/L			10/18/24 04:03	1
Trichlorofluoromethane	<4.00		4.00	0.380	ug/L			10/18/24 04:03	1
1,2,3-Trichloropropane	<1.00		1.00	0.590	ug/L			10/18/24 04:03	1
Vinyl acetate	<10.0		10.0	2.50	ug/L			10/18/24 04:03	1
Vinyl chloride	<1.00		1.00	0.180	ug/L			10/18/24 04:03	1
Xylenes, Total	<3.00		3.00	0.400	ug/L			10/18/24 04:03	1

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QC Sample Results

Client: HDR Inc
Project/Site: Metro Park EAST-Landfill Phase II

Job ID: 310-292696-1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 310-436593/5

Matrix: Water

Analysis Batch: 436593

Client Sample ID: Method Blank

Prep Type: Total/NA

Surrogate	MB MB		Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
4-Bromofluorobenzene (Surr)	99		80 - 120		10/18/24 04:03	1
Dibromofluoromethane (Surr)	102		73 - 130		10/18/24 04:03	1
Toluene-d8 (Surr)	97		80 - 120		10/18/24 04:03	1

Lab Sample ID: LCS 310-436593/6

Matrix: Water

Analysis Batch: 436593

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Acrylonitrile	200	192.7		ug/L		96	50 - 150
Benzene	20.0	19.91		ug/L		100	72 - 124
Bromochloromethane	20.0	20.56		ug/L		103	73 - 130
Bromodichloromethane	20.0	19.99		ug/L		100	74 - 122
Bromoform	20.0	19.63		ug/L		98	61 - 122
2-Butanone (MEK)	40.0	37.28		ug/L		93	50 - 150
Carbon disulfide	20.0	18.76		ug/L		94	59 - 135
Carbon tetrachloride	20.0	20.57		ug/L		103	67 - 132
Chlorobenzene	20.0	20.33		ug/L		102	76 - 120
Chlorodibromomethane	20.0	20.19		ug/L		101	71 - 121
Chloroform	20.0	19.08		ug/L		95	72 - 125
cis-1,2-Dichloroethene	20.0	19.98		ug/L		100	74 - 123
cis-1,3-Dichloropropene	20.0	19.53		ug/L		98	71 - 125
1,2-Dibromo-3-chloropropane	20.0	19.13		ug/L		96	50 - 150
1,2-Dibromoethane (EDB)	20.0	20.43		ug/L		102	75 - 125
Dibromomethane	20.0	19.79		ug/L		99	74 - 125
1,2-Dichlorobenzene	20.0	20.35		ug/L		102	74 - 120
1,4-Dichlorobenzene	20.0	20.13		ug/L		101	72 - 120
1,1-Dichloroethane	20.0	19.59		ug/L		98	70 - 127
1,2-Dichloroethane	20.0	19.69		ug/L		98	71 - 125
1,1-Dichloroethene	20.0	19.53		ug/L		98	63 - 132
1,2-Dichloropropane	20.0	19.33		ug/L		97	73 - 124
Ethylbenzene	20.0	20.77		ug/L		104	74 - 122
2-Hexanone	40.0	38.72		ug/L		97	60 - 140
Iodomethane	20.0	11.59		ug/L		58	10 - 150
Methylene chloride	20.0	19.44		ug/L		97	50 - 150
4-Methyl-2-pentanone (MIBK)	40.0	39.34		ug/L		98	60 - 139
Styrene	20.0	21.04		ug/L		105	74 - 121
1,1,1,2-Tetrachloroethane	20.0	20.11		ug/L		101	71 - 120
1,1,2,2-Tetrachloroethane	20.0	19.99		ug/L		100	68 - 124
Tetrachloroethene	20.0	21.12		ug/L		106	71 - 130
Toluene	20.0	20.08		ug/L		100	74 - 123
trans-1,4-Dichloro-2-butene	20.0	17.85		ug/L		89	50 - 150
trans-1,2-Dichloroethene	20.0	19.95		ug/L		100	70 - 126
trans-1,3-Dichloropropene	20.0	19.14		ug/L		96	69 - 123
1,1,1-Trichloroethane	20.0	20.16		ug/L		101	73 - 129
1,1,2-Trichloroethane	20.0	20.16		ug/L		101	73 - 123
Trichloroethene	20.0	20.59		ug/L		103	72 - 126

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QC Sample Results

Client: HDR Inc
Project/Site: Metro Park EAST-Landfill Phase II

Job ID: 310-292696-1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 310-436593/6

Matrix: Water

Analysis Batch: 436593

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS	LCS	Unit	D	%Rec	%Rec Limits
		Result	Qualifier				
1,2,3-Trichloropropane	20.0	19.93		ug/L		100	65 - 127
Vinyl acetate	40.0	36.67		ug/L		92	50 - 150
Xylenes, Total	40.0	41.14		ug/L		103	73 - 123

Surrogate	LCS		Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene (Surr)	98		80 - 120
Dibromofluoromethane (Surr)	101		73 - 130
Toluene-d8 (Surr)	100		80 - 120

Lab Sample ID: LCS 310-436593/7

Matrix: Water

Analysis Batch: 436593

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS	LCS	Unit	D	%Rec	%Rec Limits
		Result	Qualifier				
Bromomethane	20.0	15.14		ug/L		76	23 - 150
Chloroethane	20.0	18.77		ug/L		94	54 - 136
Chloromethane	20.0	18.93		ug/L		95	38 - 150
Trichlorofluoromethane	20.0	21.63		ug/L		108	54 - 149
Vinyl chloride	20.0	19.63		ug/L		98	56 - 140

Surrogate	LCS		Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene (Surr)	100		80 - 120
Dibromofluoromethane (Surr)	102		73 - 130
Toluene-d8 (Surr)	98		80 - 120

Lab Sample ID: 310-292696-1 MS

Matrix: Water

Analysis Batch: 436593

Client Sample ID: MW-26

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS	MS	Unit	D	%Rec	%Rec Limits
				Result	Qualifier				
Acetone	<10.0		40.0	34.78		ug/L		87	31 - 150
Acrylonitrile	<5.00		200	172.9		ug/L		86	40 - 150
Benzene	<0.500		20.0	17.39		ug/L		87	46 - 130
Bromochloromethane	<5.00		20.0	18.72		ug/L		94	57 - 130
Bromodichloromethane	<1.00		20.0	17.78		ug/L		89	57 - 130
Bromoform	<5.00		20.0	16.82		ug/L		84	44 - 130
2-Butanone (MEK)	<10.0		40.0	31.32		ug/L		78	38 - 150
Carbon disulfide	<1.00		20.0	16.71		ug/L		84	38 - 135
Carbon tetrachloride	<2.00		20.0	16.45		ug/L		82	45 - 132
Chlorobenzene	<1.00		20.0	17.84		ug/L		89	59 - 130
Chlorodibromomethane	<5.00		20.0	17.53		ug/L		88	54 - 130
Chloroform	<3.00		20.0	16.93		ug/L		85	51 - 130
cis-1,2-Dichloroethene	<1.00		20.0	17.64		ug/L		88	45 - 130
cis-1,3-Dichloropropene	<5.00		20.0	16.61		ug/L		83	53 - 130
1,2-Dibromo-3-chloropropane	<5.00		20.0	16.50		ug/L		82	38 - 150
1,2-Dibromoethane (EDB)	<1.00		20.0	17.89		ug/L		89	60 - 130
Dibromomethane	<1.00		20.0	18.12		ug/L		91	59 - 130
1,2-Dichlorobenzene	<1.00		20.0	17.90		ug/L		89	59 - 130

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QC Sample Results

Client: HDR Inc
Project/Site: Metro Park EAST-Landfill Phase II

Job ID: 310-292696-1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 310-292696-1 MS

Client Sample ID: MW-26

Matrix: Water

Prep Type: Total/NA

Analysis Batch: 436593

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec
	Result	Qualifier	Added	Result	Qualifier				
1,4-Dichlorobenzene	<1.00		20.0	17.65		ug/L		88	57 - 130
1,1-Dichloroethane	<1.00		20.0	17.12		ug/L		86	49 - 130
1,2-Dichloroethane	<1.00		20.0	17.73		ug/L		89	51 - 130
1,1-Dichloroethene	<2.00		20.0	16.43		ug/L		82	37 - 132
1,2-Dichloropropane	<1.00		20.0	17.04		ug/L		85	57 - 130
Ethylbenzene	<1.00		20.0	17.67		ug/L		88	45 - 130
2-Hexanone	<10.0		40.0	33.56		ug/L		84	46 - 140
Iodomethane	<10.0		20.0	11.24		ug/L		56	10 - 150
Methylene chloride	<5.00		20.0	17.31		ug/L		87	37 - 150
4-Methyl-2-pentanone (MIBK)	<10.0		40.0	34.62		ug/L		87	47 - 139
Styrene	<1.00		20.0	18.34		ug/L		92	47 - 130
1,1,1,2-Tetrachloroethane	<1.00		20.0	17.46		ug/L		87	55 - 130
1,1,2,2-Tetrachloroethane	<1.00		20.0	17.56		ug/L		88	54 - 130
Tetrachloroethene	<1.00		20.0	17.06		ug/L		85	47 - 130
Toluene	<1.00		20.0	17.30		ug/L		86	51 - 130
trans-1,4-Dichloro-2-butene	<10.0		20.0	16.19		ug/L		81	26 - 150
trans-1,2-Dichloroethene	<1.00		20.0	17.37		ug/L		87	48 - 130
trans-1,3-Dichloropropene	<5.00		20.0	16.41		ug/L		82	50 - 130
1,1,1-Trichloroethane	<1.00		20.0	16.69		ug/L		83	52 - 130
1,1,2-Trichloroethane	<1.00		20.0	17.64		ug/L		88	58 - 130
Trichloroethene	<1.00		20.0	17.48		ug/L		87	51 - 130
1,2,3-Trichloropropane	<1.00		20.0	17.47		ug/L		87	49 - 130
Vinyl acetate	<10.0		40.0	31.10		ug/L		78	29 - 150
Xylenes, Total	<3.00		40.0	35.45		ug/L		89	43 - 130

Surrogate	MS	MS	Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene (Surr)	98		80 - 120
Dibromofluoromethane (Surr)	100		73 - 130
Toluene-d8 (Surr)	99		80 - 120

Lab Sample ID: 310-292696-1 MSD

Client Sample ID: MW-26

Matrix: Water

Prep Type: Total/NA

Analysis Batch: 436593

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec	RPD	Limit
	Result	Qualifier	Added	Result	Qualifier						
Acetone	<10.0		40.0	34.70		ug/L		87	31 - 150	0	29
Acrylonitrile	<5.00		200	173.7		ug/L		87	40 - 150	0	20
Benzene	<0.500		20.0	17.11		ug/L		86	46 - 130	2	20
Bromochloromethane	<5.00		20.0	18.40		ug/L		92	57 - 130	2	20
Bromodichloromethane	<1.00		20.0	17.57		ug/L		88	57 - 130	1	20
Bromoform	<5.00		20.0	17.21		ug/L		86	44 - 130	2	20
2-Butanone (MEK)	<10.0		40.0	34.82		ug/L		87	38 - 150	11	20
Carbon disulfide	<1.00		20.0	15.52		ug/L		78	38 - 135	7	30
Carbon tetrachloride	<2.00		20.0	16.13		ug/L		81	45 - 132	2	20
Chlorobenzene	<1.00		20.0	17.60		ug/L		88	59 - 130	1	20
Chlorodibromomethane	<5.00		20.0	17.37		ug/L		87	54 - 130	1	20
Chloroform	<3.00		20.0	16.85		ug/L		84	51 - 130	0	20
cis-1,2-Dichloroethene	<1.00		20.0	17.56		ug/L		88	45 - 130	0	20

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QC Sample Results

Client: HDR Inc
Project/Site: Metro Park EAST-Landfill Phase II

Job ID: 310-292696-1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 310-292696-1 MSD
Matrix: Water
Analysis Batch: 436593

Client Sample ID: MW-26
Prep Type: Total/NA

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec	RPD	RPD
	Result	Qualifier	Added	Result	Qualifier				Limits		Limit
cis-1,3-Dichloropropene	<5.00		20.0	16.56		ug/L		83	53 - 130	0	20
1,2-Dibromo-3-chloropropane	<5.00		20.0	16.65		ug/L		83	38 - 150	1	20
1,2-Dibromoethane (EDB)	<1.00		20.0	18.02		ug/L		90	60 - 130	1	20
Dibromomethane	<1.00		20.0	17.73		ug/L		89	59 - 130	2	20
1,2-Dichlorobenzene	<1.00		20.0	18.11		ug/L		91	59 - 130	1	20
1,4-Dichlorobenzene	<1.00		20.0	17.85		ug/L		89	57 - 130	1	20
1,1-Dichloroethane	<1.00		20.0	17.07		ug/L		85	49 - 130	0	20
1,2-Dichloroethane	<1.00		20.0	17.59		ug/L		88	51 - 130	1	20
1,1-Dichloroethene	<2.00		20.0	16.10		ug/L		80	37 - 132	2	26
1,2-Dichloropropane	<1.00		20.0	16.95		ug/L		85	57 - 130	1	20
Ethylbenzene	<1.00		20.0	17.56		ug/L		88	45 - 130	1	20
2-Hexanone	<10.0		40.0	33.76		ug/L		84	46 - 140	1	20
Iodomethane	<10.0		20.0	12.48		ug/L		62	10 - 150	10	35
Methylene chloride	<5.00		20.0	17.16		ug/L		86	37 - 150	1	24
4-Methyl-2-pentanone (MIBK)	<10.0		40.0	34.74		ug/L		87	47 - 139	0	20
Styrene	<1.00		20.0	18.33		ug/L		92	47 - 130	0	20
1,1,1,2-Tetrachloroethane	<1.00		20.0	17.47		ug/L		87	55 - 130	0	20
1,1,1,2-Tetrachloroethane	<1.00		20.0	17.51		ug/L		88	54 - 130	0	20
Tetrachloroethene	<1.00		20.0	16.79		ug/L		84	47 - 130	2	20
Toluene	<1.00		20.0	17.16		ug/L		86	51 - 130	1	20
trans-1,4-Dichloro-2-butene	<10.0		20.0	15.11		ug/L		76	26 - 150	7	23
trans-1,2-Dichloroethene	<1.00		20.0	17.02		ug/L		85	48 - 130	2	22
trans-1,3-Dichloropropene	<5.00		20.0	16.34		ug/L		82	50 - 130	0	20
1,1,1-Trichloroethane	<1.00		20.0	16.55		ug/L		83	52 - 130	1	20
1,1,2-Trichloroethane	<1.00		20.0	17.89		ug/L		89	58 - 130	1	20
Trichloroethene	<1.00		20.0	17.02		ug/L		85	51 - 130	3	20
1,2,3-Trichloropropane	<1.00		20.0	17.63		ug/L		88	49 - 130	1	26
Vinyl acetate	<10.0		40.0	31.46		ug/L		79	29 - 150	1	23
Xylenes, Total	<3.00		40.0	35.54		ug/L		89	43 - 130	0	20

Surrogate	MSD	MSD	Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene (Surr)	99		80 - 120
Dibromofluoromethane (Surr)	101		73 - 130
Toluene-d8 (Surr)	99		80 - 120

Method: 8270E - Semivolatile Organic Compounds (GC/MS)

Lab Sample ID: MB 310-436607/1-A
Matrix: Water
Analysis Batch: 436778

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 436607

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
1,2,4,5-Tetrachlorobenzene	<10.0		10.0	0.540	ug/L		10/17/24 11:57	10/18/24 13:46	1
1,3,5-Trinitrobenzene	<10.0		10.0	2.30	ug/L		10/17/24 11:57	10/18/24 13:46	1
1,3-Dinitrobenzene	<10.0		10.0	3.20	ug/L		10/17/24 11:57	10/18/24 13:46	1
1,4-Naphthoquinone	<10.0		10.0	3.60	ug/L		10/17/24 11:57	10/18/24 13:46	1
1,4-Phenylenediamine	<10.0		10.0	1.90	ug/L		10/17/24 11:57	10/18/24 13:46	1
1-Naphthylamine	<10.0		10.0	2.50	ug/L		10/17/24 11:57	10/18/24 13:46	1
2,3,4,6-Tetrachlorophenol	<10.0		10.0	5.30	ug/L		10/17/24 11:57	10/18/24 13:46	1

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QC Sample Results

Client: HDR Inc
 Project/Site: Metro Park EAST-Landfill Phase II

Job ID: 310-292696-1

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 310-436607/1-A

Matrix: Water

Analysis Batch: 436778

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 436607

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
2,4,5-Trichlorophenol	<10.0		10.0	5.30	ug/L		10/17/24 11:57	10/18/24 13:46	1
2,4,6-Trichlorophenol	<10.0		10.0	5.00	ug/L		10/17/24 11:57	10/18/24 13:46	1
2,4-Dichlorophenol	<10.0		10.0	0.850	ug/L		10/17/24 11:57	10/18/24 13:46	1
2,4-Dimethylphenol	<10.0		10.0	0.580	ug/L		10/17/24 11:57	10/18/24 13:46	1
2,4-Dinitrophenol	<20.0		20.0	13.0	ug/L		10/17/24 11:57	10/18/24 13:46	1
2,4-Dinitrotoluene	<10.0		10.0	6.40	ug/L		10/17/24 11:57	10/18/24 13:46	1
2,6-Dichlorophenol	<10.0		10.0	0.690	ug/L		10/17/24 11:57	10/18/24 13:46	1
2,6-Dinitrotoluene	<10.0		10.0	0.520	ug/L		10/17/24 11:57	10/18/24 13:46	1
2-Acetylaminofluorene	<10.0		10.0	2.70	ug/L		10/17/24 11:57	10/18/24 13:46	1
2-Chloronaphthalene	<10.0		10.0	0.640	ug/L		10/17/24 11:57	10/18/24 13:46	1
2-Chlorophenol	<10.0		10.0	0.540	ug/L		10/17/24 11:57	10/18/24 13:46	1
2-Methylnaphthalene	<10.0		10.0	0.590	ug/L		10/17/24 11:57	10/18/24 13:46	1
2-Methylphenol	<10.0		10.0	0.650	ug/L		10/17/24 11:57	10/18/24 13:46	1
2-Naphthylamine	<10.0		10.0	2.10	ug/L		10/17/24 11:57	10/18/24 13:46	1
2-Nitroaniline	<10.0		10.0	5.90	ug/L		10/17/24 11:57	10/18/24 13:46	1
2-Nitrophenol	<10.0		10.0	6.80	ug/L		10/17/24 11:57	10/18/24 13:46	1
3,3'-Dichlorobenzidine	<10.0		10.0	1.40	ug/L		10/17/24 11:57	10/18/24 13:46	1
3,3'-Dimethylbenzidine	<10.0		10.0	1.50	ug/L		10/17/24 11:57	10/18/24 13:46	1
3-Methylcholanthrene	<10.0		10.0	0.320	ug/L		10/17/24 11:57	10/18/24 13:46	1
3-Nitroaniline	<10.0		10.0	2.70	ug/L		10/17/24 11:57	10/18/24 13:46	1
4,6-Dinitro-2-methylphenol	<10.0		10.0	6.90	ug/L		10/17/24 11:57	10/18/24 13:46	1
4-Aminobiphenyl	<10.0		10.0	2.20	ug/L		10/17/24 11:57	10/18/24 13:46	1
4-Bromophenyl phenyl ether	<10.0		10.0	0.700	ug/L		10/17/24 11:57	10/18/24 13:46	1
4-Chloro-3-methylphenol	<10.0		10.0	0.840	ug/L		10/17/24 11:57	10/18/24 13:46	1
4-Chloroaniline	<10.0		10.0	0.620	ug/L		10/17/24 11:57	10/18/24 13:46	1
4-Chlorophenyl phenyl ether	<10.0		10.0	0.690	ug/L		10/17/24 11:57	10/18/24 13:46	1
4-Methylphenol (and/or 3-Methylphenol)	<10.0		10.0	0.700	ug/L		10/17/24 11:57	10/18/24 13:46	1
4-Nitroaniline	<10.0		10.0	1.30	ug/L		10/17/24 11:57	10/18/24 13:46	1
4-Nitrophenol	<10.0		10.0	7.60	ug/L		10/17/24 11:57	10/18/24 13:46	1
5-Nitro-o-toluidine	<10.0		10.0	2.80	ug/L		10/17/24 11:57	10/18/24 13:46	1
7,12-Dimethylbenz(a)anthracene	<10.0		10.0	1.90	ug/L		10/17/24 11:57	10/18/24 13:46	1
Acenaphthene	<10.0		10.0	0.640	ug/L		10/17/24 11:57	10/18/24 13:46	1
Acenaphthylene	<10.0		10.0	0.720	ug/L		10/17/24 11:57	10/18/24 13:46	1
Acetophenone	<10.0		10.0	0.690	ug/L		10/17/24 11:57	10/18/24 13:46	1
Anthracene	<10.0		10.0	0.870	ug/L		10/17/24 11:57	10/18/24 13:46	1
Benzo(a)anthracene	<10.0		10.0	0.850	ug/L		10/17/24 11:57	10/18/24 13:46	1
Benzo(a)pyrene	<10.0		10.0	8.10	ug/L		10/17/24 11:57	10/18/24 13:46	1
Benzo(b)fluoranthene	<10.0		10.0	4.90	ug/L		10/17/24 11:57	10/18/24 13:46	1
Benzo(g,h,i)perylene	<10.0		10.0	6.30	ug/L		10/17/24 11:57	10/18/24 13:46	1
Benzo(k)fluoranthene	<10.0		10.0	2.20	ug/L		10/17/24 11:57	10/18/24 13:46	1
Benzyl alcohol	<10.0		10.0	1.30	ug/L		10/17/24 11:57	10/18/24 13:46	1
Bis(2-chloroethoxy)methane	<10.0		10.0	0.760	ug/L		10/17/24 11:57	10/18/24 13:46	1
Bis(2-chloroethyl)ether	<10.0		10.0	0.820	ug/L		10/17/24 11:57	10/18/24 13:46	1
bis(2-chloroisopropyl) ether	<10.0		10.0	0.540	ug/L		10/17/24 11:57	10/18/24 13:46	1
Bis(2-ethylhexyl) phthalate	<10.0		10.0	5.50	ug/L		10/17/24 11:57	10/18/24 13:46	1
Butyl benzyl phthalate	<10.0		10.0	5.40	ug/L		10/17/24 11:57	10/18/24 13:46	1
Chlorobenzilate	<10.0		10.0	3.60	ug/L		10/17/24 11:57	10/18/24 13:46	1
Chrysene	<10.0		10.0	0.870	ug/L		10/17/24 11:57	10/18/24 13:46	1

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QC Sample Results

Client: HDR Inc
Project/Site: Metro Park EAST-Landfill Phase II

Job ID: 310-292696-1

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 310-436607/1-A

Matrix: Water

Analysis Batch: 436778

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 436607

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Diallate	<10.0		10.0	4.00	ug/L		10/17/24 11:57	10/18/24 13:46	1
Dibenz(a,h)anthracene	<10.0		10.0	3.90	ug/L		10/17/24 11:57	10/18/24 13:46	1
Dibenzofuran	<10.0		10.0	0.740	ug/L		10/17/24 11:57	10/18/24 13:46	1
Diethyl phthalate	<10.0		10.0	1.70	ug/L		10/17/24 11:57	10/18/24 13:46	1
Dimethoate	<10.0		10.0	3.60	ug/L		10/17/24 11:57	10/18/24 13:46	1
Dimethyl phthalate	<10.0		10.0	1.00	ug/L		10/17/24 11:57	10/18/24 13:46	1
Di-n-butyl phthalate	<10.0		10.0	5.60	ug/L		10/17/24 11:57	10/18/24 13:46	1
Di-n-octyl phthalate	<20.0		20.0	7.00	ug/L		10/17/24 11:57	10/18/24 13:46	1
Diphenylamine	<10.0		10.0	6.00	ug/L		10/17/24 11:57	10/18/24 13:46	1
Disulfoton	<10.0		10.0	2.40	ug/L		10/17/24 11:57	10/18/24 13:46	1
Ethyl methanesulfonate	<10.0		10.0	3.60	ug/L		10/17/24 11:57	10/18/24 13:46	1
Ethyl parathion	<10.0		10.0	2.20	ug/L		10/17/24 11:57	10/18/24 13:46	1
Famphur	<10.0		10.0	3.80	ug/L		10/17/24 11:57	10/18/24 13:46	1
Fluoranthene	<10.0		10.0	1.70	ug/L		10/17/24 11:57	10/18/24 13:46	1
Fluorene	<10.0		10.0	0.790	ug/L		10/17/24 11:57	10/18/24 13:46	1
Hexachlorobenzene	<10.0		10.0	0.700	ug/L		10/17/24 11:57	10/18/24 13:46	1
Hexachlorobutadiene	<10.0		10.0	0.860	ug/L		10/17/24 11:57	10/18/24 13:46	1
Hexachlorocyclopentadiene	<10.0		10.0	5.10	ug/L		10/17/24 11:57	10/18/24 13:46	1
Hexachloroethane	<10.0		10.0	0.970	ug/L		10/17/24 11:57	10/18/24 13:46	1
Hexachloropropene	<10.0		10.0	2.60	ug/L		10/17/24 11:57	10/18/24 13:46	1
Indeno(1,2,3-cd)pyrene	<10.0		10.0	4.20	ug/L		10/17/24 11:57	10/18/24 13:46	1
Isodrin	<10.0		10.0	4.70	ug/L		10/17/24 11:57	10/18/24 13:46	1
Isophorone	<10.0		10.0	0.930	ug/L		10/17/24 11:57	10/18/24 13:46	1
Isosafrole	<10.0		10.0	2.30	ug/L		10/17/24 11:57	10/18/24 13:46	1
Kepone	<10.0		10.0	1.00	ug/L		10/17/24 11:57	10/18/24 13:46	1
Methapyrilene	<10.0		10.0	0.760	ug/L		10/17/24 11:57	10/18/24 13:46	1
Methyl methanesulfonate	<10.0		10.0	3.30	ug/L		10/17/24 11:57	10/18/24 13:46	1
Methyl parathion	<10.0		10.0	2.30	ug/L		10/17/24 11:57	10/18/24 13:46	1
Nitrobenzene	<10.0		10.0	0.800	ug/L		10/17/24 11:57	10/18/24 13:46	1
N-Nitrosodiethylamine	<10.0		10.0	3.40	ug/L		10/17/24 11:57	10/18/24 13:46	1
N-Nitrosodimethylamine	<10.0		10.0	0.720	ug/L		10/17/24 11:57	10/18/24 13:46	1
N-Nitrosodi-n-butylamine	<10.0		10.0	3.90	ug/L		10/17/24 11:57	10/18/24 13:46	1
N-Nitrosodi-n-propylamine	<10.0		10.0	0.920	ug/L		10/17/24 11:57	10/18/24 13:46	1
N-Nitrosodiphenylamine	<10.0		10.0	0.750	ug/L		10/17/24 11:57	10/18/24 13:46	1
N-Nitrosomethylethylamine	<10.0		10.0	4.90	ug/L		10/17/24 11:57	10/18/24 13:46	1
N-Nitrosopiperidine	<10.0		10.0	2.70	ug/L		10/17/24 11:57	10/18/24 13:46	1
N-Nitrosopyrrolidine	<10.0		10.0	3.60	ug/L		10/17/24 11:57	10/18/24 13:46	1
o,o',o"-Triethylphosphorothioate	<10.0		10.0	3.20	ug/L		10/17/24 11:57	10/18/24 13:46	1
o-Toluidine	<10.0		10.0	2.90	ug/L		10/17/24 11:57	10/18/24 13:46	1
p-Dimethylamino azobenzene	<10.0		10.0	2.20	ug/L		10/17/24 11:57	10/18/24 13:46	1
Pentachlorobenzene	<10.0		10.0	2.80	ug/L		10/17/24 11:57	10/18/24 13:46	1
Pentachloronitrobenzene	<10.0		10.0	5.80	ug/L		10/17/24 11:57	10/18/24 13:46	1
Pentachlorophenol	<10.0		10.0	9.60	ug/L		10/17/24 11:57	10/18/24 13:46	1
Phenacetin	<10.0		10.0	1.90	ug/L		10/17/24 11:57	10/18/24 13:46	1
Phenanthrene	<10.0		10.0	0.790	ug/L		10/17/24 11:57	10/18/24 13:46	1
Phenol	<10.0		10.0	1.10	ug/L		10/17/24 11:57	10/18/24 13:46	1
Phorate	<10.0		10.0	3.20	ug/L		10/17/24 11:57	10/18/24 13:46	1
Pronamide	<10.0		10.0	2.70	ug/L		10/17/24 11:57	10/18/24 13:46	1
Pyrene	<10.0		10.0	0.790	ug/L		10/17/24 11:57	10/18/24 13:46	1

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QC Sample Results

Client: HDR Inc
Project/Site: Metro Park EAST-Landfill Phase II

Job ID: 310-292696-1

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 310-436607/1-A
Matrix: Water
Analysis Batch: 436778

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 436607

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Safrole	<10.0		10.0	2.80	ug/L		10/17/24 11:57	10/18/24 13:46	1
Thionazin	<10.0		10.0	3.50	ug/L		10/17/24 11:57	10/18/24 13:46	1

Surrogate	MB	MB	Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
2-Fluorophenol (Surr)	58		25 - 110	10/17/24 11:57	10/18/24 13:46	1
Phenol-d5 (Surr)	49		21 - 110	10/17/24 11:57	10/18/24 13:46	1
Nitrobenzene-d5 (Surr)	79		45 - 129	10/17/24 11:57	10/18/24 13:46	1
2-Fluorobiphenyl (Surr)	70		39 - 118	10/17/24 11:57	10/18/24 13:46	1
2,4,6-Tribromophenol (Surr)	81		27 - 136	10/17/24 11:57	10/18/24 13:46	1
Terphenyl-d14 (Surr)	95		12 - 144	10/17/24 11:57	10/18/24 13:46	1

Lab Sample ID: LCS 310-436607/2-A
Matrix: Water
Analysis Batch: 436778

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 436607

Analyte	Spike Added	LCS	LCS	Unit	D	%Rec	%Rec Limits
		Result	Qualifier				
1,2,4,5-Tetrachlorobenzene	100	66.19		ug/L		66	36 - 110
1,3-Dinitrobenzene	100	68.68		ug/L		69	45 - 138
2,3,4,6-Tetrachlorophenol	100	72.19		ug/L		72	33 - 134
2,4,5-Trichlorophenol	100	75.71		ug/L		76	35 - 133
2,4,6-Trichlorophenol	100	73.24		ug/L		73	28 - 139
2,4-Dichlorophenol	100	82.74		ug/L		83	41 - 124
2,4-Dimethylphenol	100	60.45		ug/L		60	31 - 142
2,4-Dinitrophenol	200	110.8		ug/L		55	10 - 138
2,4-Dinitrotoluene	100	79.76		ug/L		80	47 - 137
2,6-Dichlorophenol	100	71.36		ug/L		71	30 - 130
2,6-Dinitrotoluene	100	75.80		ug/L		76	51 - 130
2-Chloronaphthalene	100	53.70		ug/L		54	37 - 110
2-Chlorophenol	100	73.61		ug/L		74	44 - 117
2-Methylnaphthalene	100	55.37		ug/L		55	33 - 110
2-Methylphenol	100	72.73		ug/L		73	47 - 118
2-Nitroaniline	100	71.64		ug/L		72	50 - 135
2-Nitrophenol	100	81.13		ug/L		81	41 - 129
3-Nitroaniline	100	75.08		ug/L		75	42 - 139
4,6-Dinitro-2-methylphenol	200	146.1		ug/L		73	22 - 143
4-Bromophenyl phenyl ether	100	73.70		ug/L		74	45 - 119
4-Chloro-3-methylphenol	100	84.76		ug/L		85	49 - 130
4-Chloroaniline	100	55.68		ug/L		56	21 - 139
4-Chlorophenyl phenyl ether	100	67.50		ug/L		67	44 - 116
4-Methylphenol (and/or 3-Methylphenol)	100	71.96		ug/L		72	46 - 117
4-Nitroaniline	100	65.51		ug/L		66	31 - 145
4-Nitrophenol	200	114.0		ug/L		57	18 - 110
Acenaphthene	100	67.47		ug/L		67	43 - 110
Acenaphthylene	100	64.00		ug/L		64	40 - 110
Acetophenone	100	72.54		ug/L		73	48 - 119
Anthracene	100	78.92		ug/L		79	51 - 120
Benzo(a)anthracene	100	72.25		ug/L		72	51 - 123
Benzo(a)pyrene	100	73.40		ug/L		73	48 - 125

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QC Sample Results

Client: HDR Inc
Project/Site: Metro Park EAST-Landfill Phase II

Job ID: 310-292696-1

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 310-436607/2-A
Matrix: Water
Analysis Batch: 436778

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 436607

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec	
							Limits	
Benzo(b)fluoranthene	100	72.27		ug/L		72	49 - 129	
Benzo(g,h,i)perylene	100	63.44		ug/L		63	43 - 139	
Benzo(k)fluoranthene	100	77.88		ug/L		78	47 - 130	
Benzyl alcohol	100	65.62		ug/L		66	39 - 128	
Bis(2-chloroethoxy)methane	100	64.21		ug/L		64	48 - 121	
Bis(2-chloroethyl)ether	100	60.20		ug/L		60	43 - 123	
bis(2-chloroisopropyl) ether	100	64.44		ug/L		64	34 - 123	
Bis(2-ethylhexyl) phthalate	100	80.50		ug/L		81	43 - 143	
Butyl benzyl phthalate	100	71.74		ug/L		72	46 - 135	
Chrysene	100	76.08		ug/L		76	51 - 125	
Dibenz(a,h)anthracene	100	59.43		ug/L		59	38 - 149	
Dibenzofuran	100	68.03		ug/L		68	45 - 112	
Diethyl phthalate	100	73.50		ug/L		74	43 - 135	
Dimethyl phthalate	100	72.53		ug/L		73	43 - 129	
Di-n-butyl phthalate	100	76.16		ug/L		76	50 - 133	
Di-n-octyl phthalate	100	63.74		ug/L		64	34 - 150	
Diphenylamine	85.0	54.81		ug/L		64	48 - 122	
Fluoranthene	100	76.40		ug/L		76	47 - 128	
Fluorene	100	69.80		ug/L		70	45 - 119	
Hexachlorobenzene	100	77.07		ug/L		77	48 - 119	
Hexachlorobutadiene	100	65.89		ug/L		66	32 - 110	
Hexachlorocyclopentadiene	100	45.25		ug/L		45	10 - 110	
Hexachloroethane	100	50.13		ug/L		50	31 - 110	
Indeno(1,2,3-cd)pyrene	100	59.90		ug/L		60	37 - 150	
Isophorone	100	71.92		ug/L		72	50 - 125	
Nitrobenzene	100	62.06		ug/L		62	47 - 116	
N-Nitrosodimethylamine	100	61.90		ug/L		62	37 - 110	
N-Nitrosodi-n-propylamine	100	68.73		ug/L		69	45 - 130	
N-Nitrosodiphenylamine	100	64.64		ug/L		65	49 - 121	
Pentachlorophenol	200	135.3		ug/L		68	26 - 133	
Phenanthrene	100	78.15		ug/L		78	51 - 117	
Phenol	100	45.40		ug/L		45	29 - 110	
Pyrene	100	78.50		ug/L		79	48 - 127	

Surrogate	LCS LCS		Limits
	%Recovery	Qualifier	
2-Fluorophenol (Surr)	57		25 - 110
Phenol-d5 (Surr)	52		21 - 110
Nitrobenzene-d5 (Surr)	71		45 - 129
2-Fluorobiphenyl (Surr)	67		39 - 118
2,4,6-Tribromophenol (Surr)	85		27 - 136
Terphenyl-d14 (Surr)	92		12 - 144

Lab Sample ID: LCSD 310-436607/3-A
Matrix: Water
Analysis Batch: 436778

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 436607

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec		RPD	
							Limits		RPD	Limit
1,2,4,5-Tetrachlorobenzene	100	72.22		ug/L		72	36 - 110	9	35	

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QC Sample Results

Client: HDR Inc

Job ID: 310-292696-1

Project/Site: Metro Park EAST-Landfill Phase II

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 310-436607/3-A

Client Sample ID: Lab Control Sample Dup

Matrix: Water

Prep Type: Total/NA

Analysis Batch: 436778

Prep Batch: 436607

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec		RPD	Limit
							Limits	RPD		
1,3-Dinitrobenzene	100	84.68		ug/L		85	45 - 138	21	35	
2,3,4,6-Tetrachlorophenol	100	84.83		ug/L		85	33 - 134	16	35	
2,4,5-Trichlorophenol	100	90.98		ug/L		91	35 - 133	18	35	
2,4,6-Trichlorophenol	100	82.45		ug/L		82	28 - 139	12	35	
2,4-Dichlorophenol	100	98.67		ug/L		99	41 - 124	18	35	
2,4-Dimethylphenol	100	80.01		ug/L		80	31 - 142	28	35	
2,4-Dinitrophenol	200	151.5		ug/L		76	10 - 138	31	35	
2,4-Dinitrotoluene	100	94.38		ug/L		94	47 - 137	17	35	
2,6-Dichlorophenol	100	83.47		ug/L		83	30 - 130	16	35	
2,6-Dinitrotoluene	100	90.66		ug/L		91	51 - 130	18	35	
2-Chloronaphthalene	100	58.88		ug/L		59	37 - 110	9	35	
2-Chlorophenol	100	84.25		ug/L		84	44 - 117	13	35	
2-Methylnaphthalene	100	61.84		ug/L		62	33 - 110	11	35	
2-Methylphenol	100	80.33		ug/L		80	47 - 118	10	35	
2-Nitroaniline	100	83.25		ug/L		83	50 - 135	15	35	
2-Nitrophenol	100	89.30		ug/L		89	41 - 129	10	35	
3-Nitroaniline	100	88.25		ug/L		88	42 - 139	16	35	
4,6-Dinitro-2-methylphenol	200	187.9		ug/L		94	22 - 143	25	35	
4-Bromophenyl phenyl ether	100	82.71		ug/L		83	45 - 119	12	35	
4-Chloro-3-methylphenol	100	98.18		ug/L		98	49 - 130	15	35	
4-Chloroaniline	100	74.09		ug/L		74	21 - 139	28	35	
4-Chlorophenyl phenyl ether	100	75.65		ug/L		76	44 - 116	11	35	
4-Methylphenol (and/or 3-Methylphenol)	100	82.26		ug/L		82	46 - 117	13	35	
4-Nitroaniline	100	78.14		ug/L		78	31 - 145	18	35	
4-Nitrophenol	200	132.0		ug/L		66	18 - 110	15	35	
Acenaphthene	100	75.53		ug/L		76	43 - 110	11	35	
Acenaphthylene	100	71.92		ug/L		72	40 - 110	12	35	
Acetophenone	100	81.40		ug/L		81	48 - 119	12	35	
Anthracene	100	89.23		ug/L		89	51 - 120	12	35	
Benzo(a)anthracene	100	85.32		ug/L		85	51 - 123	17	35	
Benzo(a)pyrene	100	85.97		ug/L		86	48 - 125	16	35	
Benzo(b)fluoranthene	100	85.16		ug/L		85	49 - 129	16	35	
Benzo(g,h,i)perylene	100	75.36		ug/L		75	43 - 139	17	35	
Benzo(k)fluoranthene	100	92.57		ug/L		93	47 - 130	17	35	
Benzyl alcohol	100	74.14		ug/L		74	39 - 128	12	35	
Bis(2-chloroethoxy)methane	100	76.39		ug/L		76	48 - 121	17	35	
Bis(2-chloroethyl)ether	100	69.58		ug/L		70	43 - 123	14	35	
bis(2-chloroisopropyl) ether	100	71.93		ug/L		72	34 - 123	11	35	
Bis(2-ethylhexyl) phthalate	100	91.96		ug/L		92	43 - 143	13	35	
Butyl benzyl phthalate	100	87.09		ug/L		87	46 - 135	19	35	
Chrysene	100	88.50		ug/L		88	51 - 125	15	35	
Dibenz(a,h)anthracene	100	74.66		ug/L		75	38 - 149	23	35	
Dibenzofuran	100	75.93		ug/L		76	45 - 112	11	35	
Diethyl phthalate	100	86.84		ug/L		87	43 - 135	17	35	
Dimethyl phthalate	100	84.63		ug/L		85	43 - 129	15	35	
Di-n-butyl phthalate	100	88.15		ug/L		88	50 - 133	15	35	
Di-n-octyl phthalate	100	74.46		ug/L		74	34 - 150	16	35	
Diphenylamine	85.0	68.09		ug/L		80	48 - 122	22	35	

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QC Sample Results

Client: HDR Inc
Project/Site: Metro Park EAST-Landfill Phase II

Job ID: 310-292696-1

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 310-436607/3-A
Matrix: Water
Analysis Batch: 436778

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 436607

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec		RPD	Limit
							Limits	RPD		
Fluoranthene	100	88.47		ug/L		88	47 - 128	15	35	
Fluorene	100	79.68		ug/L		80	45 - 119	13	35	
Hexachlorobenzene	100	85.13		ug/L		85	48 - 119	10	35	
Hexachlorobutadiene	100	71.36		ug/L		71	32 - 110	8	35	
Hexachlorocyclopentadiene	100	47.68		ug/L		48	10 - 110	5	35	
Hexachloroethane	100	54.40		ug/L		54	31 - 110	8	35	
Indeno(1,2,3-cd)pyrene	100	69.49		ug/L		69	37 - 150	15	35	
Isophorone	100	84.84		ug/L		85	50 - 125	16	35	
Nitrobenzene	100	69.36		ug/L		69	47 - 116	11	35	
N-Nitrosodimethylamine	100	67.29		ug/L		67	37 - 110	8	35	
N-Nitrosodi-n-propylamine	100	78.87		ug/L		79	45 - 130	14	35	
N-Nitrosodiphenylamine	100	82.28		ug/L		82	49 - 121	24	35	
Pentachlorophenol	200	161.6		ug/L		81	26 - 133	18	35	
Phenanthrene	100	88.77		ug/L		89	51 - 117	13	35	
Phenol	100	49.97		ug/L		50	29 - 110	10	35	
Pyrene	100	93.37		ug/L		93	48 - 127	17	35	

Surrogate	LCSD LCSD		Limits
	%Recovery	Qualifier	
2-Fluorophenol (Surr)	61		25 - 110
Phenol-d5 (Surr)	54		21 - 110
Nitrobenzene-d5 (Surr)	76		45 - 129
2-Fluorobiphenyl (Surr)	76		39 - 118
2,4,6-Tribromophenol (Surr)	94		27 - 136
Terphenyl-d14 (Surr)	104		12 - 144

Method: 8081B - Organochlorine Pesticides (GC)

Lab Sample ID: LB 310-435869/1-D
Matrix: Water
Analysis Batch: 436243

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 436103

Analyte	LB LB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Aldrin	<0.0962		0.0962	0.0212	ug/L		10/14/24 09:17	10/15/24 15:59	1
alpha-BHC	<0.0962		0.0962	0.00962	ug/L		10/14/24 09:17	10/15/24 15:59	1
beta-BHC	<0.0962		0.0962	0.0404	ug/L		10/14/24 09:17	10/15/24 15:59	1
gamma-BHC (Lindane)	<0.0962		0.0962	0.00962	ug/L		10/14/24 09:17	10/15/24 15:59	1
Chlordane (technical)	<1.92		1.92	0.375	ug/L		10/14/24 09:17	10/15/24 15:59	1
delta-BHC	<0.0962		0.0962	0.0308	ug/L		10/14/24 09:17	10/15/24 15:59	1
Dieldrin	<0.0962		0.0962	0.0202	ug/L		10/14/24 09:17	10/15/24 15:59	1
4,4'-DDD	<0.0962		0.0962	0.0240	ug/L		10/14/24 09:17	10/15/24 15:59	1
4,4'-DDE	<0.0962		0.0962	0.0288	ug/L		10/14/24 09:17	10/15/24 15:59	1
4,4'-DDT	<0.0962		0.0962	0.0192	ug/L		10/14/24 09:17	10/15/24 15:59	1
Endosulfan I	<0.0962		0.0962	0.0269	ug/L		10/14/24 09:17	10/15/24 15:59	1
Endosulfan II	<0.0962		0.0962	0.0250	ug/L		10/14/24 09:17	10/15/24 15:59	1
Endosulfan sulfate	<0.0962		0.0962	0.0173	ug/L		10/14/24 09:17	10/15/24 15:59	1
Endrin	<0.0962		0.0962	0.0269	ug/L		10/14/24 09:17	10/15/24 15:59	1
Endrin aldehyde	<0.0962		0.0962	0.0260	ug/L		10/14/24 09:17	10/15/24 15:59	1
Heptachlor	<0.0962		0.0962	0.0221	ug/L		10/14/24 09:17	10/15/24 15:59	1
Heptachlor epoxide	<0.0962		0.0962	0.0308	ug/L		10/14/24 09:17	10/15/24 15:59	1

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QC Sample Results

Client: HDR Inc
Project/Site: Metro Park EAST-Landfill Phase II

Job ID: 310-292696-1

Method: 8081B - Organochlorine Pesticides (GC) (Continued)

Lab Sample ID: LB 310-435869/1-D
Matrix: Water
Analysis Batch: 436243

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 436103

Analyte	LB	LB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Methoxychlor	<0.0962		0.0962	0.0308	ug/L		10/14/24 09:17	10/15/24 15:59	1
Toxaphene	<1.92		1.92	0.962	ug/L		10/14/24 09:17	10/15/24 15:59	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr)	98		10 - 136				10/14/24 09:17	10/15/24 15:59	1
Tetrachloro-m-xylene (Surr)	75		10 - 130				10/14/24 09:17	10/15/24 15:59	1

Lab Sample ID: MB 310-436103/1-A
Matrix: Water
Analysis Batch: 436114

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 436103

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Aldrin	<0.0978		0.0978	0.0215	ug/L		10/14/24 09:17	10/14/24 20:49	1
alpha-BHC	<0.0978		0.0978	0.00978	ug/L		10/14/24 09:17	10/14/24 20:49	1
beta-BHC	<0.0978		0.0978	0.0411	ug/L		10/14/24 09:17	10/14/24 20:49	1
gamma-BHC (Lindane)	<0.0978		0.0978	0.00978	ug/L		10/14/24 09:17	10/14/24 20:49	1
Chlordane (technical)	<1.96		1.96	0.381	ug/L		10/14/24 09:17	10/14/24 20:49	1
delta-BHC	<0.0978		0.0978	0.0313	ug/L		10/14/24 09:17	10/14/24 20:49	1
Dieldrin	<0.0978		0.0978	0.0205	ug/L		10/14/24 09:17	10/14/24 20:49	1
4,4'-DDD	<0.0978		0.0978	0.0244	ug/L		10/14/24 09:17	10/14/24 20:49	1
4,4'-DDE	<0.0978		0.0978	0.0293	ug/L		10/14/24 09:17	10/14/24 20:49	1
4,4'-DDT	<0.0978		0.0978	0.0196	ug/L		10/14/24 09:17	10/14/24 20:49	1
Endosulfan I	<0.0978		0.0978	0.0274	ug/L		10/14/24 09:17	10/14/24 20:49	1
Endosulfan II	<0.0978		0.0978	0.0254	ug/L		10/14/24 09:17	10/14/24 20:49	1
Endosulfan sulfate	<0.0978		0.0978	0.0176	ug/L		10/14/24 09:17	10/14/24 20:49	1
Endrin	<0.0978		0.0978	0.0274	ug/L		10/14/24 09:17	10/14/24 20:49	1
Endrin aldehyde	<0.0978		0.0978	0.0264	ug/L		10/14/24 09:17	10/14/24 20:49	1
Heptachlor	<0.0978		0.0978	0.0225	ug/L		10/14/24 09:17	10/14/24 20:49	1
Heptachlor epoxide	<0.0978		0.0978	0.0313	ug/L		10/14/24 09:17	10/14/24 20:49	1
Methoxychlor	<0.0978		0.0978	0.0313	ug/L		10/14/24 09:17	10/14/24 20:49	1
Toxaphene	<1.96		1.96	0.978	ug/L		10/14/24 09:17	10/14/24 20:49	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr)	122		10 - 136				10/14/24 09:17	10/14/24 20:49	1
Tetrachloro-m-xylene (Surr)	79		10 - 130				10/14/24 09:17	10/14/24 20:49	1

Lab Sample ID: LCS 310-436103/21-A
Matrix: Water
Analysis Batch: 436114

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 436103

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
alpha-BHC	2.79	2.807		ug/L		101	36 - 127
beta-BHC	2.79	2.663		ug/L		95	37 - 136
gamma-BHC (Lindane)	2.79	2.757		ug/L		99	36 - 132
delta-BHC	2.79	2.604		ug/L		93	33 - 134
Dieldrin	2.79	2.951		ug/L		106	39 - 130
4,4'-DDD	2.79	2.946		ug/L		105	36 - 149

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QC Sample Results

Client: HDR Inc
Project/Site: Metro Park EAST-Landfill Phase II

Job ID: 310-292696-1

Method: 8081B - Organochlorine Pesticides (GC) (Continued)

Lab Sample ID: LCS 310-436103/21-A
Matrix: Water
Analysis Batch: 436114

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 436103

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits	
4,4'-DDE	2.79	2.726		ug/L		98	34 - 130	
4,4'-DDT	2.79	2.608		ug/L		93	23 - 150	
Endosulfan I	2.79	1.578		ug/L		56	10 - 120	
Endosulfan II	2.79	1.843		ug/L		66	14 - 120	
Endosulfan sulfate	2.79	3.428		ug/L		123	36 - 147	
Endrin	2.79	2.852		ug/L		102	39 - 140	
Endrin aldehyde	2.79	2.859		ug/L		102	32 - 137	
Heptachlor	2.79	2.058		ug/L		74	27 - 120	
Heptachlor epoxide	2.79	2.969		ug/L		106	38 - 133	
Methoxychlor	2.79	3.002		ug/L		107	10 - 150	

Surrogate	LCS LCS		Limits
	%Recovery	Qualifier	
DCB Decachlorobiphenyl (Surr)	105		10 - 136
Tetrachloro-m-xylene (Surr)	71		10 - 130

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Lab Sample ID: MB 310-436103/1-A
Matrix: Water
Analysis Batch: 436116

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 436103

Analyte	MB MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
PCB-1016	<1.96		1.96	0.802	ug/L		10/14/24 09:17	10/14/24 20:49	1
PCB-1221	<1.96		1.96	0.802	ug/L		10/14/24 09:17	10/14/24 20:49	1
PCB-1232	<1.96		1.96	0.802	ug/L		10/14/24 09:17	10/14/24 20:49	1
PCB-1242	<1.96		1.96	0.802	ug/L		10/14/24 09:17	10/14/24 20:49	1
PCB-1248	<1.96		1.96	0.675	ug/L		10/14/24 09:17	10/14/24 20:49	1
PCB-1254	<1.96		1.96	0.675	ug/L		10/14/24 09:17	10/14/24 20:49	1
PCB-1260	<1.96		1.96	0.675	ug/L		10/14/24 09:17	10/14/24 20:49	1
PCB-1268	<1.96		1.96	0.675	ug/L		10/14/24 09:17	10/14/24 20:49	1

Surrogate	MB MB		Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
DCB Decachlorobiphenyl (Surr)	122		10 - 136	10/14/24 09:17	10/14/24 20:49	1
Tetrachloro-m-xylene (Surr)	79		10 - 130	10/14/24 09:17	10/14/24 20:49	1

Lab Sample ID: LCS 310-436103/22-A
Matrix: Water
Analysis Batch: 436111

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 436103

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits	
PCB-1016	28.0	22.95		ug/L		82	30 - 133	
PCB-1260	28.0	27.15		ug/L		97	31 - 133	

Surrogate	LCS LCS		Limits
	%Recovery	Qualifier	
DCB Decachlorobiphenyl (Surr)	96		10 - 136
Tetrachloro-m-xylene (Surr)	50		10 - 130

QC Sample Results

Client: HDR Inc
Project/Site: Metro Park EAST-Landfill Phase II

Job ID: 310-292696-1

Method: 6020B - Metals (ICP/MS)

Lab Sample ID: MB 310-436197/1-A
Matrix: Water
Analysis Batch: 436544

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 436197

Analyte	MB MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Antimony	<0.00200		0.00200	0.00100	mg/L		10/15/24 09:30	10/16/24 15:56	1
Arsenic	<0.00200		0.00200	0.000530	mg/L		10/15/24 09:30	10/16/24 15:56	1
Barium	<0.00200		0.00200	0.000660	mg/L		10/15/24 09:30	10/16/24 15:56	1
Beryllium	<0.00100		0.00100	0.000330	mg/L		10/15/24 09:30	10/16/24 15:56	1
Cadmium	<0.000200		0.000200	0.000100	mg/L		10/15/24 09:30	10/16/24 15:56	1
Chromium	<0.00500		0.00500	0.00120	mg/L		10/15/24 09:30	10/16/24 15:56	1
Cobalt	<0.000500		0.000500	0.000170	mg/L		10/15/24 09:30	10/16/24 15:56	1
Copper	<0.00500		0.00500	0.00180	mg/L		10/15/24 09:30	10/16/24 15:56	1
Lead	<0.000500		0.000500	0.000260	mg/L		10/15/24 09:30	10/16/24 15:56	1
Selenium	<0.00500		0.00500	0.00140	mg/L		10/15/24 09:30	10/16/24 15:56	1
Silver	<0.00100		0.00100	0.000500	mg/L		10/15/24 09:30	10/16/24 15:56	1
Tin	<0.00500		0.00500	0.00230	mg/L		10/15/24 09:30	10/16/24 15:56	1
Vanadium	<0.00500		0.00500	0.00110	mg/L		10/15/24 09:30	10/16/24 15:56	1
Zinc	<0.0200		0.0200	0.00970	mg/L		10/15/24 09:30	10/16/24 15:56	1

Lab Sample ID: MB 310-436197/1-A
Matrix: Water
Analysis Batch: 437173

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 436197

Analyte	MB MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Nickel	<0.00500		0.00500	0.00210	mg/L		10/15/24 09:30	10/22/24 17:32	1
Thallium	<0.00100		0.00100	0.000570	mg/L		10/15/24 09:30	10/22/24 17:32	1

Lab Sample ID: MB 310-436197/1-A
Matrix: Water
Analysis Batch: 438020

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 436197

Analyte	MB MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Thallium	<0.00100		0.00100	0.000570	mg/L		10/15/24 09:30	10/29/24 16:07	1

Lab Sample ID: LCS 310-436197/2-A
Matrix: Water
Analysis Batch: 436544

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 436197

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Arsenic	0.200	0.2034		mg/L		102	80 - 120
Barium	0.100	0.09873		mg/L		99	80 - 120
Beryllium	0.100	0.09775		mg/L		98	80 - 120
Cadmium	0.100	0.09799		mg/L		98	80 - 120
Chromium	0.100	0.1030		mg/L		103	80 - 120
Cobalt	0.100	0.1000		mg/L		100	80 - 120
Copper	0.200	0.2012		mg/L		101	80 - 120
Lead	0.200	0.2092		mg/L		105	80 - 120
Selenium	0.400	0.3845		mg/L		96	80 - 120
Silver	0.100	0.1076		mg/L		108	80 - 120
Tin	0.200	0.1923		mg/L		96	80 - 120
Vanadium	0.100	0.1035		mg/L		104	80 - 120
Zinc	0.200	0.1913		mg/L		96	80 - 120

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QC Sample Results

Client: HDR Inc
Project/Site: Metro Park EAST-Landfill Phase II

Job ID: 310-292696-1

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: LCS 310-436197/2-A
Matrix: Water
Analysis Batch: 437173

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 436197

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Nickel	0.200	0.1941		mg/L		97	80 - 120

Lab Sample ID: LCS 310-436197/2-A
Matrix: Water
Analysis Batch: 438020

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 436197

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Thallium	0.100	0.08558		mg/L		86	80 - 120

Lab Sample ID: 310-292696-5 DU
Matrix: Water
Analysis Batch: 436544

Client Sample ID: MW-E
Prep Type: Total/NA
Prep Batch: 436197

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	Limit
Antimony	<0.00200		<0.00200		mg/L		NC	20
Arsenic	0.00139	J	0.001377	J	mg/L		0.7	20
Barium	0.596		0.5924		mg/L		0.7	20
Beryllium	<0.00100		<0.00100		mg/L		NC	20
Cadmium	0.000130	J	0.0001350	J	mg/L		4	20
Chromium	<0.00500		<0.00500		mg/L		NC	20
Cobalt	0.000652		0.0006420		mg/L		2	20
Copper	<0.00500		<0.00500		mg/L		NC	20
Lead	0.000348	J	0.0003490	J	mg/L		0.3	20
Selenium	<0.00500		<0.00500		mg/L		NC	20
Silver	<0.00100		<0.00100		mg/L		NC	20
Tin	<0.00500		<0.00500		mg/L		NC	20
Vanadium	<0.00500		<0.00500		mg/L		NC	20
Zinc	<0.0200		<0.0200		mg/L		NC	20

Lab Sample ID: 310-292696-5 DU
Matrix: Water
Analysis Batch: 437173

Client Sample ID: MW-E
Prep Type: Total/NA
Prep Batch: 436197

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	Limit
Nickel	<0.00500		<0.00500		mg/L		NC	20

Lab Sample ID: 310-292696-5 DU
Matrix: Water
Analysis Batch: 438020

Client Sample ID: MW-E
Prep Type: Total/NA
Prep Batch: 436197

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	Limit
Thallium	<0.00100		<0.00100		mg/L		NC	20

QC Sample Results

Client: HDR Inc
Project/Site: Metro Park EAST-Landfill Phase II

Job ID: 310-292696-1

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 310-437124/1-A
Matrix: Water
Analysis Batch: 437446

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 437124

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000200		0.000200	0.000110	mg/L		10/23/24 13:35	10/24/24 11:38	1

Lab Sample ID: LCS 310-437124/2-A
Matrix: Water
Analysis Batch: 437446

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 437124

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.00167	0.001699		mg/L		102	80 - 120

Method: 1664A - HEM and SGT-HEM by Extraction and Gravimetry

Lab Sample ID: MB 310-436203/1-A
Matrix: Water
Analysis Batch: 436336

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 436203

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
HEM (Oil and Grease)	<5.0		5.0	4.5	mg/L		10/15/24 08:30	10/15/24 08:30	1

Lab Sample ID: LCS 310-436203/2-A
Matrix: Water
Analysis Batch: 436336

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 436203

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
HEM (Oil and Grease)	40.0	37.20		mg/L		93	78 - 114

Method: 335.4 - Cyanide, Total

Lab Sample ID: MB 310-436582/1-A
Matrix: Water
Analysis Batch: 436668

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 436582

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	<0.0100		0.0100	0.00350	mg/L		10/17/24 10:34	10/17/24 18:18	1

Lab Sample ID: LCS 310-436582/2-A
Matrix: Water
Analysis Batch: 436668

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 436582

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Cyanide, Total	0.200	0.2020		mg/L		101	90 - 110

Method: I-3765-85 - Residue, Non-filterable (TSS)

Lab Sample ID: MB 310-436166/1
Matrix: Water
Analysis Batch: 436166

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids	<5.00		5.00	3.70	mg/L			10/14/24 14:12	1

Eurofins Cedar Falls

QC Sample Results

Client: HDR Inc
 Project/Site: Metro Park EAST-Landfill Phase II

Job ID: 310-292696-1

Method: I-3765-85 - Residue, Non-filterable (TSS) (Continued)

Lab Sample ID: LCS 310-436166/2
 Matrix: Water
 Analysis Batch: 436166

Client Sample ID: Lab Control Sample
 Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Suspended Solids	100	103.0		mg/L		103	81 - 116

Lab Sample ID: MB 310-436483/1
 Matrix: Water
 Analysis Batch: 436483

Client Sample ID: Method Blank
 Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids	<5.00		5.00	3.70	mg/L			10/16/24 15:09	1

Lab Sample ID: LCS 310-436483/2
 Matrix: Water
 Analysis Batch: 436483

Client Sample ID: Lab Control Sample
 Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Suspended Solids	100	94.00		mg/L		94	81 - 116

Method: SM 2540C - Solids, Total Dissolved (TDS)

Lab Sample ID: MB 310-436360/1
 Matrix: Water
 Analysis Batch: 436360

Client Sample ID: Method Blank
 Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	<50.0		50.0	42.0	mg/L			10/15/24 17:46	1

Lab Sample ID: LCS 310-436360/2
 Matrix: Water
 Analysis Batch: 436360

Client Sample ID: Lab Control Sample
 Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Dissolved Solids	1000	984.0		mg/L		98	88 - 110

QC Association Summary

Client: HDR Inc
 Project/Site: Metro Park EAST-Landfill Phase II

Job ID: 310-292696-1

GC/MS VOA

Analysis Batch: 436593

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-292696-1	MW-26	Total/NA	Water	8260D	
310-292696-2	MW-67	Total/NA	Water	8260D	
310-292696-3	MW-B	Total/NA	Water	8260D	
310-292696-4	MW-C	Total/NA	Water	8260D	
310-292696-5	MW-E	Total/NA	Water	8260D	
310-292696-6	GU-3	Total/NA	Water	8260D	
310-292696-9	MW-37	Total/NA	Water	8260D	
310-292696-10	MW-66	Total/NA	Water	8260D	
310-292696-11	Dup-4	Total/NA	Water	8260D	
310-292696-12	Leachate	Total/NA	Water	8260D	
310-292696-13	TB-2	Total/NA	Water	8260D	
310-292696-14	GU-4	Total/NA	Water	8260D	
310-292696-15	GU-5	Total/NA	Water	8260D	
MB 310-436593/5	Method Blank	Total/NA	Water	8260D	
LCS 310-436593/6	Lab Control Sample	Total/NA	Water	8260D	
LCS 310-436593/7	Lab Control Sample	Total/NA	Water	8260D	
310-292696-1 MS	MW-26	Total/NA	Water	8260D	
310-292696-1 MSD	MW-26	Total/NA	Water	8260D	

GC/MS Semi VOA

Prep Batch: 436607

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-292696-12	Leachate	Total/NA	Water	3510C	
MB 310-436607/1-A	Method Blank	Total/NA	Water	3510C	
LCS 310-436607/2-A	Lab Control Sample	Total/NA	Water	3510C	
LCSD 310-436607/3-A	Lab Control Sample Dup	Total/NA	Water	3510C	

Analysis Batch: 436778

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-292696-12	Leachate	Total/NA	Water	8270E	436607
MB 310-436607/1-A	Method Blank	Total/NA	Water	8270E	436607
LCS 310-436607/2-A	Lab Control Sample	Total/NA	Water	8270E	436607
LCSD 310-436607/3-A	Lab Control Sample Dup	Total/NA	Water	8270E	436607

GC Semi VOA

Leach Batch: 435869

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LB 310-435869/1-D	Method Blank	Total/NA	Water	1311	

Prep Batch: 436103

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-292696-12	Leachate	Total/NA	Water	3511	
LB 310-435869/1-D	Method Blank	Total/NA	Water	3511	435869
MB 310-436103/1-A	Method Blank	Total/NA	Water	3511	
LCS 310-436103/21-A	Lab Control Sample	Total/NA	Water	3511	
LCS 310-436103/22-A	Lab Control Sample	Total/NA	Water	3511	

Analysis Batch: 436111

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 310-436103/22-A	Lab Control Sample	Total/NA	Water	8082A	436103

Eurofins Cedar Falls

QC Association Summary

Client: HDR Inc
 Project/Site: Metro Park EAST-Landfill Phase II

Job ID: 310-292696-1

GC Semi VOA

Analysis Batch: 436114

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 310-436103/1-A	Method Blank	Total/NA	Water	8081B	436103
LCS 310-436103/21-A	Lab Control Sample	Total/NA	Water	8081B	436103

Analysis Batch: 436116

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 310-436103/1-A	Method Blank	Total/NA	Water	8082A	436103

Analysis Batch: 436243

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-292696-12	Leachate	Total/NA	Water	8081B	436103
LB 310-435869/1-D	Method Blank	Total/NA	Water	8081B	436103

Analysis Batch: 436245

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-292696-12	Leachate	Total/NA	Water	8082A	436103

Metals

Prep Batch: 436197

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-292696-1	MW-26	Total/NA	Water	3005A	
310-292696-2	MW-67	Total/NA	Water	3005A	
310-292696-3	MW-B	Total/NA	Water	3005A	
310-292696-4	MW-C	Total/NA	Water	3005A	
310-292696-5	MW-E	Total/NA	Water	3005A	
310-292696-6	GU-3	Total/NA	Water	3005A	
310-292696-9	MW-37	Total/NA	Water	3005A	
310-292696-10	MW-66	Total/NA	Water	3005A	
310-292696-11	Dup-4	Total/NA	Water	3005A	
310-292696-12	Leachate	Total/NA	Water	3005A	
310-292696-14	GU-4	Total/NA	Water	3005A	
310-292696-15	GU-5	Total/NA	Water	3005A	
MB 310-436197/1-A	Method Blank	Total/NA	Water	3005A	
LCS 310-436197/2-A	Lab Control Sample	Total/NA	Water	3005A	
310-292696-5 DU	MW-E	Total/NA	Water	3005A	

Analysis Batch: 436544

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-292696-1	MW-26	Total/NA	Water	6020B	436197
310-292696-2	MW-67	Total/NA	Water	6020B	436197
310-292696-3	MW-B	Total/NA	Water	6020B	436197
310-292696-4	MW-C	Total/NA	Water	6020B	436197
310-292696-5	MW-E	Total/NA	Water	6020B	436197
310-292696-6	GU-3	Total/NA	Water	6020B	436197
310-292696-9	MW-37	Total/NA	Water	6020B	436197
310-292696-10	MW-66	Total/NA	Water	6020B	436197
310-292696-11	Dup-4	Total/NA	Water	6020B	436197
310-292696-12	Leachate	Total/NA	Water	6020B	436197
310-292696-14	GU-4	Total/NA	Water	6020B	436197
310-292696-15	GU-5	Total/NA	Water	6020B	436197
MB 310-436197/1-A	Method Blank	Total/NA	Water	6020B	436197

Eurofins Cedar Falls

QC Association Summary

Client: HDR Inc
 Project/Site: Metro Park EAST-Landfill Phase II

Job ID: 310-292696-1

Metals (Continued)

Analysis Batch: 436544 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 310-436197/2-A	Lab Control Sample	Total/NA	Water	6020B	436197
310-292696-5 DU	MW-E	Total/NA	Water	6020B	436197

Prep Batch: 437124

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-292696-12	Leachate	Total/NA	Water	7470A	
MB 310-437124/1-A	Method Blank	Total/NA	Water	7470A	
LCS 310-437124/2-A	Lab Control Sample	Total/NA	Water	7470A	

Analysis Batch: 437173

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-292696-1	MW-26	Total/NA	Water	6020B	436197
310-292696-2	MW-67	Total/NA	Water	6020B	436197
310-292696-3	MW-B	Total/NA	Water	6020B	436197
310-292696-4	MW-C	Total/NA	Water	6020B	436197
310-292696-5	MW-E	Total/NA	Water	6020B	436197
310-292696-6	GU-3	Total/NA	Water	6020B	436197
310-292696-9	MW-37	Total/NA	Water	6020B	436197
310-292696-11	Dup-4	Total/NA	Water	6020B	436197
310-292696-12	Leachate	Total/NA	Water	6020B	436197
310-292696-14	GU-4	Total/NA	Water	6020B	436197
MB 310-436197/1-A	Method Blank	Total/NA	Water	6020B	436197
LCS 310-436197/2-A	Lab Control Sample	Total/NA	Water	6020B	436197
310-292696-5 DU	MW-E	Total/NA	Water	6020B	436197

Analysis Batch: 437446

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-292696-12	Leachate	Total/NA	Water	7470A	437124
MB 310-437124/1-A	Method Blank	Total/NA	Water	7470A	437124
LCS 310-437124/2-A	Lab Control Sample	Total/NA	Water	7470A	437124

Analysis Batch: 438020

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-292696-1	MW-26	Total/NA	Water	6020B	436197
310-292696-2	MW-67	Total/NA	Water	6020B	436197
310-292696-3	MW-B	Total/NA	Water	6020B	436197
310-292696-4	MW-C	Total/NA	Water	6020B	436197
310-292696-5	MW-E	Total/NA	Water	6020B	436197
310-292696-6	GU-3	Total/NA	Water	6020B	436197
310-292696-9	MW-37	Total/NA	Water	6020B	436197
310-292696-10	MW-66	Total/NA	Water	6020B	436197
310-292696-11	Dup-4	Total/NA	Water	6020B	436197
310-292696-12	Leachate	Total/NA	Water	6020B	436197
310-292696-14	GU-4	Total/NA	Water	6020B	436197
310-292696-15	GU-5	Total/NA	Water	6020B	436197
MB 310-436197/1-A	Method Blank	Total/NA	Water	6020B	436197
LCS 310-436197/2-A	Lab Control Sample	Total/NA	Water	6020B	436197
310-292696-5 DU	MW-E	Total/NA	Water	6020B	436197



QC Association Summary

Client: HDR Inc
Project/Site: Metro Park EAST-Landfill Phase II

Job ID: 310-292696-1

Metals

Analysis Batch: 438121

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-292696-6	GU-3	Total/NA	Water	6020B	436197
310-292696-10	MW-66	Total/NA	Water	6020B	436197
310-292696-15	GU-5	Total/NA	Water	6020B	436197

General Chemistry

Analysis Batch: 436166

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-292696-14	GU-4	Total/NA	Water	I-3765-85	
MB 310-436166/1	Method Blank	Total/NA	Water	I-3765-85	
LCS 310-436166/2	Lab Control Sample	Total/NA	Water	I-3765-85	

Prep Batch: 436203

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-292696-12	Leachate	Total/NA	Water	1664A	
MB 310-436203/1-A	Method Blank	Total/NA	Water	1664A	
LCS 310-436203/2-A	Lab Control Sample	Total/NA	Water	1664A	

Analysis Batch: 436336

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-292696-12	Leachate	Total/NA	Water	1664A	436203
MB 310-436203/1-A	Method Blank	Total/NA	Water	1664A	436203
LCS 310-436203/2-A	Lab Control Sample	Total/NA	Water	1664A	436203

Analysis Batch: 436360

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-292696-12	Leachate	Total/NA	Water	SM 2540C	
MB 310-436360/1	Method Blank	Total/NA	Water	SM 2540C	
LCS 310-436360/2	Lab Control Sample	Total/NA	Water	SM 2540C	

Analysis Batch: 436483

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-292696-1	MW-26	Total/NA	Water	I-3765-85	
310-292696-2	MW-67	Total/NA	Water	I-3765-85	
310-292696-3	MW-B	Total/NA	Water	I-3765-85	
310-292696-4	MW-C	Total/NA	Water	I-3765-85	
310-292696-5	MW-E	Total/NA	Water	I-3765-85	
310-292696-6	GU-3	Total/NA	Water	I-3765-85	
310-292696-9	MW-37	Total/NA	Water	I-3765-85	
310-292696-10	MW-66	Total/NA	Water	I-3765-85	
310-292696-11	Dup-4	Total/NA	Water	I-3765-85	
310-292696-15	GU-5	Total/NA	Water	I-3765-85	
MB 310-436483/1	Method Blank	Total/NA	Water	I-3765-85	
LCS 310-436483/2	Lab Control Sample	Total/NA	Water	I-3765-85	

Prep Batch: 436582

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-292696-12	Leachate	Total/NA	Water	Distill/CN	
MB 310-436582/1-A	Method Blank	Total/NA	Water	Distill/CN	
LCS 310-436582/2-A	Lab Control Sample	Total/NA	Water	Distill/CN	

Eurofins Cedar Falls

QC Association Summary

Client: HDR Inc
Project/Site: Metro Park EAST-Landfill Phase II

Job ID: 310-292696-1

General Chemistry

Analysis Batch: 436668

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-292696-12	Leachate	Total/NA	Water	335.4	436582
MB 310-436582/1-A	Method Blank	Total/NA	Water	335.4	436582
LCS 310-436582/2-A	Lab Control Sample	Total/NA	Water	335.4	436582

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- 14
- 15
- 16

Lab Chronicle

Client: HDR Inc
 Project/Site: Metro Park EAST-Landfill Phase II

Job ID: 310-292696-1

Client Sample ID: MW-26

Lab Sample ID: 310-292696-1

Date Collected: 10/10/24 14:43

Matrix: Water

Date Received: 10/11/24 17:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	436593	FE5V	EET CF	10/18/24 08:14
Total/NA	Prep	3005A			436197	QTZ5	EET CF	10/15/24 09:30
Total/NA	Analysis	6020B		1	436544	A6US	EET CF	10/16/24 16:31
Total/NA	Prep	3005A			436197	QTZ5	EET CF	10/15/24 09:30
Total/NA	Analysis	6020B		1	437173	A6US	EET CF	10/22/24 17:58
Total/NA	Prep	3005A			436197	QTZ5	EET CF	10/15/24 09:30
Total/NA	Analysis	6020B		1	438020	A6US	EET CF	10/29/24 16:39
Total/NA	Analysis	I-3765-85		1	436483	HE7K	EET CF	10/16/24 15:09

Client Sample ID: MW-67

Lab Sample ID: 310-292696-2

Date Collected: 10/10/24 10:30

Matrix: Water

Date Received: 10/11/24 17:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	436593	FE5V	EET CF	10/18/24 08:36
Total/NA	Prep	3005A			436197	QTZ5	EET CF	10/15/24 09:30
Total/NA	Analysis	6020B		1	436544	A6US	EET CF	10/16/24 16:33
Total/NA	Prep	3005A			436197	QTZ5	EET CF	10/15/24 09:30
Total/NA	Analysis	6020B		1	437173	A6US	EET CF	10/22/24 18:01
Total/NA	Prep	3005A			436197	QTZ5	EET CF	10/15/24 09:30
Total/NA	Analysis	6020B		1	438020	A6US	EET CF	10/29/24 16:41
Total/NA	Analysis	I-3765-85		1	436483	HE7K	EET CF	10/16/24 15:09

Client Sample ID: MW-B

Lab Sample ID: 310-292696-3

Date Collected: 10/10/24 12:58

Matrix: Water

Date Received: 10/11/24 17:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	436593	FE5V	EET CF	10/18/24 08:59
Total/NA	Prep	3005A			436197	QTZ5	EET CF	10/15/24 09:30
Total/NA	Analysis	6020B		1	436544	A6US	EET CF	10/16/24 16:35
Total/NA	Prep	3005A			436197	QTZ5	EET CF	10/15/24 09:30
Total/NA	Analysis	6020B		1	437173	A6US	EET CF	10/22/24 18:03
Total/NA	Prep	3005A			436197	QTZ5	EET CF	10/15/24 09:30
Total/NA	Analysis	6020B		1	438020	A6US	EET CF	10/29/24 16:44
Total/NA	Analysis	I-3765-85		1	436483	HE7K	EET CF	10/16/24 15:09

Client Sample ID: MW-C

Lab Sample ID: 310-292696-4

Date Collected: 10/10/24 12:46

Matrix: Water

Date Received: 10/11/24 17:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	436593	FE5V	EET CF	10/18/24 09:22
Total/NA	Prep	3005A			436197	QTZ5	EET CF	10/15/24 09:30
Total/NA	Analysis	6020B		1	436544	A6US	EET CF	10/16/24 16:38

Lab Chronicle

Client: HDR Inc
 Project/Site: Metro Park EAST-Landfill Phase II

Job ID: 310-292696-1

Client Sample ID: MW-C

Lab Sample ID: 310-292696-4

Date Collected: 10/10/24 12:46

Matrix: Water

Date Received: 10/11/24 17:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3005A			436197	QTZ5	EET CF	10/15/24 09:30
Total/NA	Analysis	6020B		1	437173	A6US	EET CF	10/22/24 18:05
Total/NA	Prep	3005A			436197	QTZ5	EET CF	10/15/24 09:30
Total/NA	Analysis	6020B		1	438020	A6US	EET CF	10/29/24 16:46
Total/NA	Analysis	I-3765-85		1	436483	HE7K	EET CF	10/16/24 15:09

Client Sample ID: MW-E

Lab Sample ID: 310-292696-5

Date Collected: 10/10/24 15:03

Matrix: Water

Date Received: 10/11/24 17:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	436593	FE5V	EET CF	10/18/24 09:45
Total/NA	Prep	3005A			436197	QTZ5	EET CF	10/15/24 09:30
Total/NA	Analysis	6020B		1	436544	A6US	EET CF	10/16/24 16:40
Total/NA	Prep	3005A			436197	QTZ5	EET CF	10/15/24 09:30
Total/NA	Analysis	6020B		1	437173	A6US	EET CF	10/22/24 18:07
Total/NA	Prep	3005A			436197	QTZ5	EET CF	10/15/24 09:30
Total/NA	Analysis	6020B		1	438020	A6US	EET CF	10/29/24 16:48
Total/NA	Analysis	I-3765-85		1	436483	HE7K	EET CF	10/16/24 15:09

Client Sample ID: GU-3

Lab Sample ID: 310-292696-6

Date Collected: 10/10/24 17:50

Matrix: Water

Date Received: 10/11/24 17:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	436593	FE5V	EET CF	10/18/24 10:08
Total/NA	Prep	3005A			436197	QTZ5	EET CF	10/15/24 09:30
Total/NA	Analysis	6020B		1	436544	A6US	EET CF	10/16/24 16:53
Total/NA	Prep	3005A			436197	QTZ5	EET CF	10/15/24 09:30
Total/NA	Analysis	6020B		4	437173	A6US	EET CF	10/22/24 18:12
Total/NA	Prep	3005A			436197	QTZ5	EET CF	10/15/24 09:30
Total/NA	Analysis	6020B		4	438020	A6US	EET CF	10/29/24 17:01
Total/NA	Prep	3005A			436197	QTZ5	EET CF	10/15/24 09:30
Total/NA	Analysis	6020B		4	438121	A6US	EET CF	10/30/24 13:20
Total/NA	Analysis	I-3765-85		1	436483	HE7K	EET CF	10/16/24 15:09

Client Sample ID: MW-37

Lab Sample ID: 310-292696-9

Date Collected: 10/10/24 11:55

Matrix: Water

Date Received: 10/11/24 17:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	436593	FE5V	EET CF	10/18/24 10:30
Total/NA	Prep	3005A			436197	QTZ5	EET CF	10/15/24 09:30
Total/NA	Analysis	6020B		1	436544	A6US	EET CF	10/16/24 16:57

Lab Chronicle

Client: HDR Inc
 Project/Site: Metro Park EAST-Landfill Phase II

Job ID: 310-292696-1

Client Sample ID: MW-37

Lab Sample ID: 310-292696-9

Date Collected: 10/10/24 11:55

Matrix: Water

Date Received: 10/11/24 17:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3005A			436197	QTZ5	EET CF	10/15/24 09:30
Total/NA	Analysis	6020B		1	437173	A6US	EET CF	10/22/24 18:16
Total/NA	Prep	3005A			436197	QTZ5	EET CF	10/15/24 09:30
Total/NA	Analysis	6020B		1	438020	A6US	EET CF	10/29/24 17:06
Total/NA	Analysis	I-3765-85		1	436483	HE7K	EET CF	10/16/24 15:09

Client Sample ID: MW-66

Lab Sample ID: 310-292696-10

Date Collected: 10/10/24 09:52

Matrix: Water

Date Received: 10/11/24 17:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	436593	FE5V	EET CF	10/18/24 10:53
Total/NA	Prep	3005A			436197	QTZ5	EET CF	10/15/24 09:30
Total/NA	Analysis	6020B		1	436544	A6US	EET CF	10/16/24 17:00
Total/NA	Prep	3005A			436197	QTZ5	EET CF	10/15/24 09:30
Total/NA	Analysis	6020B		4	438020	A6US	EET CF	10/29/24 17:08
Total/NA	Prep	3005A			436197	QTZ5	EET CF	10/15/24 09:30
Total/NA	Analysis	6020B		4	438121	A6US	EET CF	10/30/24 13:38
Total/NA	Analysis	I-3765-85		1	436483	HE7K	EET CF	10/16/24 15:09

Client Sample ID: Dup-4

Lab Sample ID: 310-292696-11

Date Collected: 10/10/24 13:00

Matrix: Water

Date Received: 10/11/24 17:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	436593	FE5V	EET CF	10/18/24 11:16
Total/NA	Prep	3005A			436197	QTZ5	EET CF	10/15/24 09:30
Total/NA	Analysis	6020B		1	436544	A6US	EET CF	10/16/24 17:02
Total/NA	Prep	3005A			436197	QTZ5	EET CF	10/15/24 09:30
Total/NA	Analysis	6020B		1	437173	A6US	EET CF	10/22/24 18:30
Total/NA	Prep	3005A			436197	QTZ5	EET CF	10/15/24 09:30
Total/NA	Analysis	6020B		1	438020	A6US	EET CF	10/29/24 17:10
Total/NA	Analysis	I-3765-85		1	436483	HE7K	EET CF	10/16/24 15:09

Client Sample ID: Leachate

Lab Sample ID: 310-292696-12

Date Collected: 10/10/24 16:10

Matrix: Water

Date Received: 10/11/24 17:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		10	436593	FE5V	EET CF	10/18/24 12:25
Total/NA	Prep	3510C			436607	AYK7	EET CF	10/17/24 11:57
Total/NA	Analysis	8270E		1	436778	L0FS	EET CF	10/18/24 18:02
Total/NA	Prep	3511			436103	D2YP	EET CF	10/14/24 09:17
Total/NA	Analysis	8081B		1	436243	BW2O	EET CF	10/15/24 13:15

Lab Chronicle

Client: HDR Inc
Project/Site: Metro Park EAST-Landfill Phase II

Job ID: 310-292696-1

Client Sample ID: Leachate

Lab Sample ID: 310-292696-12

Date Collected: 10/10/24 16:10

Matrix: Water

Date Received: 10/11/24 17:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3511			436103	D2YP	EET CF	10/14/24 09:17
Total/NA	Analysis	8082A		1	436245	BW2O	EET CF	10/15/24 13:15
Total/NA	Prep	3005A			436197	QTZ5	EET CF	10/15/24 09:30
Total/NA	Analysis	6020B		1	436544	A6US	EET CF	10/16/24 17:04
Total/NA	Prep	3005A			436197	QTZ5	EET CF	10/15/24 09:30
Total/NA	Analysis	6020B		1	437173	A6US	EET CF	10/22/24 18:32
Total/NA	Prep	3005A			436197	QTZ5	EET CF	10/15/24 09:30
Total/NA	Analysis	6020B		1	438020	A6US	EET CF	10/29/24 17:13
Total/NA	Prep	7470A			437124	QTZ5	EET CF	10/23/24 13:35
Total/NA	Analysis	7470A		1	437446	QTZ5	EET CF	10/24/24 11:51
Total/NA	Prep	1664A			436203	A3GU	EET CF	10/15/24 08:30
Total/NA	Analysis	1664A		1	436336	A3GU	EET CF	10/15/24 08:30
Total/NA	Prep	Distill/CN			436582	HE7K	EET CF	10/17/24 10:34
Total/NA	Analysis	335.4		1	436668	ZJX4	EET CF	10/17/24 18:26
Total/NA	Analysis	SM 2540C		1	436360	MDU9	EET CF	10/15/24 17:46

Client Sample ID: TB-2

Lab Sample ID: 310-292696-13

Date Collected: 10/10/24 17:08

Matrix: Water

Date Received: 10/11/24 17:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	436593	FE5V	EET CF	10/18/24 06:42

Client Sample ID: GU-4

Lab Sample ID: 310-292696-14

Date Collected: 10/10/24 17:08

Matrix: Water

Date Received: 10/11/24 17:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	436593	FE5V	EET CF	10/18/24 11:39
Total/NA	Prep	3005A			436197	QTZ5	EET CF	10/15/24 09:30
Total/NA	Analysis	6020B		1	436544	A6US	EET CF	10/16/24 17:06
Total/NA	Prep	3005A			436197	QTZ5	EET CF	10/15/24 09:30
Total/NA	Analysis	6020B		1	437173	A6US	EET CF	10/22/24 18:35
Total/NA	Prep	3005A			436197	QTZ5	EET CF	10/15/24 09:30
Total/NA	Analysis	6020B		1	438020	A6US	EET CF	10/29/24 17:15
Total/NA	Analysis	I-3765-85		1	436166	HE7K	EET CF	10/14/24 14:12

Client Sample ID: GU-5

Lab Sample ID: 310-292696-15

Date Collected: 10/10/24 17:08

Matrix: Water

Date Received: 10/11/24 17:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	436593	FE5V	EET CF	10/18/24 12:02
Total/NA	Prep	3005A			436197	QTZ5	EET CF	10/15/24 09:30
Total/NA	Analysis	6020B		1	436544	A6US	EET CF	10/16/24 17:09

Eurofins Cedar Falls

Lab Chronicle

Client: HDR Inc
Project/Site: Metro Park EAST-Landfill Phase II

Job ID: 310-292696-1

Client Sample ID: GU-5

Lab Sample ID: 310-292696-15

Date Collected: 10/10/24 17:08

Matrix: Water

Date Received: 10/11/24 17:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3005A			436197	QTZ5	EET CF	10/15/24 09:30
Total/NA	Analysis	6020B		4	438020	A6US	EET CF	10/29/24 17:17
Total/NA	Prep	3005A			436197	QTZ5	EET CF	10/15/24 09:30
Total/NA	Analysis	6020B		4	438121	A6US	EET CF	10/30/24 13:41
Total/NA	Analysis	I-3765-85		1	436483	HE7K	EET CF	10/16/24 15:09

Laboratory References:

EET CF = Eurofins Cedar Falls, 3019 Venture Way, Cedar Falls, IA 50613, TEL (319)277-2401

SC0071 = International Asbestos Testing Labs, 9000 Commerce Parkway, Suite B, Mt. Laurel, NJ 08054



Accreditation/Certification Summary

Client: HDR Inc
Project/Site: Metro Park EAST-Landfill Phase II

Job ID: 310-292696-1

Laboratory: Eurofins Cedar Falls

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
Iowa	State	007	12-01-25

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
8082A	3511	Water	PCB-1268

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Method Summary

Client: HDR Inc
 Project/Site: Metro Park EAST-Landfill Phase II

Job ID: 310-292696-1

Method	Method Description	Protocol	Laboratory
8260D	Volatile Organic Compounds by GC/MS	SW846	EET CF
8270E	Semivolatile Organic Compounds (GC/MS)	SW846	EET CF
8081B	Organochlorine Pesticides (GC)	SW846	EET CF
8082A	Polychlorinated Biphenyls (PCBs) by Gas Chromatography	SW846	EET CF
6020B	Metals (ICP/MS)	SW846	EET CF
7470A	Mercury (CVAA)	SW846	EET CF
1664A	HEM and SGT-HEM by Extraction and Gravimetry	40CFR136A	EET CF
335.4	Cyanide, Total	EPA	EET CF
I-3765-85	Residue, Non-filterable (TSS)	USGS	EET CF
SM 2540C	Solids, Total Dissolved (TDS)	SM	EET CF
EPA	Asbestos	EPA	SC0071
1664A	HEM and SGT-HEM (SPE)	1664A	EET CF
3005A	Preparation, Total Metals	SW846	EET CF
3510C	Liquid-Liquid Extraction (Separatory Funnel)	SW846	EET CF
3511	Microextraction of Organic Compounds	SW846	EET CF
5030B	Purge and Trap	SW846	EET CF
7470A	Preparation, Mercury	SW846	EET CF
Distill/CN	Distillation, Cyanide	None	EET CF

Protocol References:

- 1664A = EPA-821-98-002
- 40CFR136A = "Methods for Organic Chemical Analysis of Municipal Industrial Wastewater", 40CFR, Part 136, Appendix A, October 26, 1984 and subsequent revisions.
- EPA = US Environmental Protection Agency
- None = None
- SM = "Standard Methods For The Examination Of Water And Wastewater"
- SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.
- USGS = "Methods For Analysis Of Water And Fluvial Sediments", USGS, 1989

Laboratory References:

- EET CF = Eurofins Cedar Falls, 3019 Venture Way, Cedar Falls, IA 50613, TEL (319)277-2401
- SC0071 = International Asbestos Testing Labs, 9000 Commerce Parkway, Suite B, Mt. Laurel, NJ 08054





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CERTIFICATE OF ANALYSIS

Client: Eurofins
3019 Venture Way
Cedar Falls IA 50613

Report Date: 10/23/2024
Report No.: 705728 - TEM Water
Project: Metro Park EAST-Landfill Phase II
Project No.: 31016556

Client: TES568

TEM WATER SAMPLE ANALYSIS SUMMARY

Lab No.: 7795442

Sampled: 10/10/24

Total Asbestos Concentration (MFL): <12

Client No.: Leachate (310-292696-12)

Analyzed: 10/23/24

Asbestos Concentration Fibers > 10 µm (MFL): <12

Location:

Asbestos Types: None Detected

Note: Sample turbidity >1.0 NTU. Therefore MDL >> 0.1 MFL. Does not meet National Primary Drinking Water Standards.

Please refer to the Preface of this report for further information regarding your analysis.

Date Received: 10/15/2024

Approved By:

Date Analyzed: 10/23/2024

Frank E. Ehrenfeld, III

Signature:

Laboratory Director

Analyst: Craig Liska



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CERTIFICATE OF ANALYSIS

Client: Eurofins
3019 Venture Way
Cedar Falls IA 50613

Client: TES568

Report Date: 10/23/2024
Report No.: 705728 - TEM Water
Project: Metro Park EAST-Landfill Phase II
Project No.: 31016556

Appendix to Analytical Report:

Customer Contact: Brian Graettinger

Method: EPA Method For Determining Asbestos In Drinking Water, EPA Method 100.2

This appendix seeks to promote greater understanding of any observations, exceptions, special instructions, or circumstances that the laboratory needs to communicate to the client concerning the above samples. The information below is used to help promote your ability to make the most informed decisions for you and your customers. Please note the following points of contact for any questions you may have.

iATL Customer Service: customerservice@iatl.com

iATL Office Manager: wchampion@iatl.com

iATL Account Representative: Shirley Clark

Sample Login Notes: See Batch Sheet Attached

Sample Matrix: Air Cassettes

Exceptions Noted: See Following Pages

General Terms, Warrants, Limits, Qualifiers:

General information about iATL capabilities and client/laboratory relationships and responsibilities are spelled out in iATL policies that are listed at www.iATL.com and in our Quality Assurance Manual per ISO 17025 standard requirements. The information therein is a representation of iATL definitions and policies for turnaround times, sample submittal, collection media, blank definitions, quantification issues and limit of detection, analytical methods and procedures, sub-contracting policies, results reporting options, fees, terms, and discounts, confidentiality, sample archival and disposal, and data interpretation.

iATL warrants the test results to be of a precision normal for the type and methodology employed for each sample submitted. iATL disclaims any other warrants, expressed or implied, including warranty of fitness for a particular purpose and warranty of merchantability. iATL accepts no legal responsibility for the purpose for which the client uses test results. Any analytical work performed must be governed by our Standard Terms and Conditions. Prices, methods and detection limits may be changed without notification. Please contact your Customer Service Representative for the most current information.

This confidential report relates only to those item(s) tested and does not represent an endorsement by NIST-NVLAP, AIHA LAP LLC, or any agency of local, state or province governments nor of any agency of the U.S. government.

This report shall not be reproduced except in full, without written approval of the laboratory.

Information Pertinent to this Report:

Analysis by EPA Method For Determining Asbestos In Drinking Water, EPA Method 100.2

Accreditation:

- NYSDOH-ELAP No. 11021
- NJ DEP No. 03863
- PA DEP No. 68-03378

Minimum detection limit dependent upon turbidity of sample and volume filtered.

National Primary Drinking Water Regulations under EPA's Safe Drinking Water Act dictates maximum contaminant levels for asbestos at 7.0 million fibers per liter (MFL).

EPA and NYS-DOH regulations require segregation of overall fiber concentration, total asbestos concentration, and asbestos concentration of fibers > 10 µm in length.

All results are based on the samples as received at the lab. iATL assumes that appropriate sampling methods have been used and that the data upon which these results are based have been accurately supplied by the client.

Disclaimers / Qualifiers:

There may be some samples in this project that have a "NOTE:" associated with a sample result. We use added disclaimers or qualifiers to inform the client about something that requires further explanation. Here is a complete list with highlighted disclaimers pertinent to this project. For a full explanation of these and other





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CERTIFICATE OF ANALYSIS

Client: Eurofins	Report Date: 10/23/2024
3019 Venture Way	Report No.: 705728 - TEM Water
Cedar Falls IA 50613	Project: Metro Park EAST-Landfill Phase II
Client: TES568	Project No.: 31016556

disclaimers, please inquire at customerservice@iatl.com.

(1)Note: Sample not analyzed.

(2)Note: Sample not analyzed at request of client.

(6)Note: Sample turbidity >1.0 NTU. Therefore MDL >> 0.1 MFL. Does not meet National Primary Drinking Water Standards.

(9)Note: Void - overloaded, unable to prep.

Samples received out of hold time (48 hours) must have UV/O3 treatment to assure sample viability.



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CERTIFICATE OF ANALYSIS

Client: Eurofins 3019 Venture Way Cedar Falls IA 50613	Report Date: 10/23/2024 Report No.: 705728 - TEM Water Project: Metro Park EAST-Landfill Phase II Project No.: 31016556
Client: TES568	

TEM WATER SAMPLE ANALYSIS DETAILS

Lab No.:7795442
Client No.:Leachate (310-292696-12)

Sampled:10/10/24
Analyzed:10/23/24
Location:

Filter Type: MCE
Filter Size (mm²):962
Pore Size (µm):0.45

Volume Filtered (mL): 0.5
Grid Openings: 12
Opening Area (mm²): 0.013
Area Analyzed (mm²):0.156
Sensitivity (f/mm²): 6.41
Detection Limit (MFL): 12

Asbestos Fibers
Total Fibers > 0.5 µm: None Detected
Concentration (MFL): <12
Fibers > 10 µm: None Detected
Concentration (MFL): <12
Asbestos Type(s): None Detected

Non-Asbestos Fibers: None Detected
Concentration (MFL): <12
Fiber Types Identified: None Detected

Micrograph Number:
X-Ray Spectrum Number:

Note: Sample turbidity >1.0 NTU. Therefore MDL >> 0.1 MFL. Does not meet National Primary Drinking Water Standards.

Please refer to the Preface of this report for further information regarding your analysis.

Date Received: 10/15/2024
Date Analyzed: 10/23/2024
Signature:
Analyst: Craig Liska

Approved By:
Frank E. Ehrenfeld, III
Laboratory Director



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CERTIFICATE OF ANALYSIS

Client: Eurofins
3019 Venture Way
Cedar Falls IA 50613

Client: TES568

Report Date: 10/23/2024
Report No.: 705728 - TEM Water
Project: Metro Park EAST-Landfill Phase II
Project No.: 31016556



Cooler/Sample Receipt and Temperature Log Form

Client Information			
Client: HDR			
City/State:	CITY Omaha	STATE NE	Project:
Receipt Information			
Date/Time Received:	DATE 10/11/24	TIME 1710	Received By: PH
Delivery Type: <input type="checkbox"/> UPS <input type="checkbox"/> FedEx <input type="checkbox"/> FedEx Ground <input type="checkbox"/> US Mail <input type="checkbox"/> Spee-Dee <input checked="" type="checkbox"/> Lab Courier <input type="checkbox"/> Lab Field Services <input type="checkbox"/> Client Drop-off <input type="checkbox"/> Other: _____			
Condition of Cooler/Containers			
Sample(s) received in Cooler?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	If yes: Cooler ID: 1 2	
Multiple Coolers?	<input checked="" type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If yes: Cooler # 1 of 2	
Cooler Custody Seals Present?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If yes: Cooler custody seals intact? <input type="checkbox"/> Yes <input type="checkbox"/> No	
Sample Custody Seals Present?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If yes: Sample custody seals intact? <input type="checkbox"/> Yes <input type="checkbox"/> No	
Trip Blank Present?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	If yes Which VOA samples are in cooler? ↓	
MW26, G7, B, C, E, Gu3, Mh, 37, 66, Dup4, TB-2			
Temperature Record			
Coolant:	<input checked="" type="checkbox"/> Wet ice <input type="checkbox"/> Blue ice <input type="checkbox"/> Dry ice <input type="checkbox"/> Other _____ <input type="checkbox"/> NONE		
Thermometer ID: Y	Correction Factor (°C): 0		
• Temp Blank Temperature – If no temp blank, or temp blank temperature above criteria, proceed to Sample Container Temperature			
Uncorrected Temp (°C): 1.0	Corrected Temp (°C): 1.0		
• Sample Container Temperature			
Container(s) used:	CONTAINER 1	CONTAINER 2	
Uncorrected Temp (°C):			
Corrected Temp (°C):			
Exceptions Noted			
1) If temperature exceeds criteria, was sample(s) received same day of sampling? <input type="checkbox"/> Yes <input type="checkbox"/> No a) If yes: Is there evidence that the chilling process began? <input type="checkbox"/> Yes <input type="checkbox"/> No			
2) If temperature is <0°C, are there obvious signs that the integrity of sample containers is compromised? (e.g., bulging septa, broken/cracked bottles, frozen solid?) <input type="checkbox"/> Yes <input type="checkbox"/> No			
NOTE If yes, contact PM before proceeding. If no, proceed with login			
Additional Comments			
Dont receive Gu-4, 5, TB-1			



Cooler/Sample Receipt and Temperature Log Form

Client Information			
Client: <u>HDR inc</u>			
City/State: <u>Omaha</u>	CITY	STATE	Project:
Receipt Information			
Date/Time Received: <u>10/11/24</u>	DATE	TIME <u>1710</u>	Received By: <u>PH</u>
Delivery Type: <input type="checkbox"/> UPS <input type="checkbox"/> FedEx <input type="checkbox"/> FedEx Ground <input type="checkbox"/> US Mail <input type="checkbox"/> Spee-Dee <input checked="" type="checkbox"/> Lab Courier <input type="checkbox"/> Lab Field Services <input type="checkbox"/> Client Drop-off <input type="checkbox"/> Other: _____			
Condition of Cooler/Containers			
Sample(s) received in Cooler?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	If yes: Cooler ID: _____	
Multiple Coolers?	<input checked="" type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If yes: Cooler # <u>2</u> of <u>2</u>	
Cooler Custody Seals Present?	<input checked="" type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If yes: Cooler custody seals intact? <input type="checkbox"/> Yes <input type="checkbox"/> No	
Sample Custody Seals Present?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If yes: Sample custody seals intact? <input type="checkbox"/> Yes <input type="checkbox"/> No	
Trip Blank Present?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If yes: Which VOA samples are in cooler? ↓	
Temperature Record			
Coolant:	<input checked="" type="checkbox"/> Wet ice <input type="checkbox"/> Blue ice <input type="checkbox"/> Dry ice <input type="checkbox"/> Other: _____ <input type="checkbox"/> NONE		
Thermometer ID: <u>✓</u>	Correction Factor (°C) <u>0</u>		
• Temp Blank Temperature – If no temp blank, or temp blank temperature above criteria, proceed to Sample Container Temperature			
Uncorrected Temp (°C): <u>1.3</u>	Corrected Temp (°C): <u>1.3</u>		
• Sample Container Temperature			
Container(s) used	<u>CONTAINER 1</u>	<u>CONTAINER 2</u>	
Uncorrected Temp (°C):			
Corrected Temp (°C):			
Exceptions Noted			
1) If temperature exceeds criteria, was sample(s) received same day of sampling? <input type="checkbox"/> Yes <input type="checkbox"/> No a) If yes: Is there evidence that the chilling process began? <input type="checkbox"/> Yes <input type="checkbox"/> No			
2) If temperature is <0°C, are there obvious signs that the integrity of sample containers is compromised? (e.g., bulging septa, broken/cracked bottles, frozen solid?) <input type="checkbox"/> Yes <input type="checkbox"/> No			
NOTE If yes, contact PM before proceeding. If no, proceed with login			
Additional Comments			



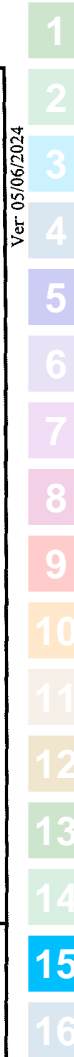
Client Information Client Contact: Richard Wilson Company: HDR Inc Address: 1917 S 67th Street City: Omaha State, Zip: NE, 68106 Phone: 402-392-6714(Tel) Email: richard.wilson2@hdrinc.com Project Name: Metro Park EAST-Landfill Phase II Site:		Lab PM: Calhoun, Conner M E-Mail: Conner.Calhoun@et.eurofinsus.com Carrier Tracking No(s): States of Origin: Job #:		COC No: 310-98209-23839 1 Page: Page 1 of 2 Job #:											
Due Date Requested: TAT Requested (days): Compliance Project: <input type="checkbox"/> Yes <input type="checkbox"/> No PO #: Purchase Order not required WO #:		Analysis Requested 1664A - Oil and Grease (HEM) 335A - Cyanide, Total 2540C - Calcd - Total Dissolved Solids 8270E - SVOC 8082A - Appendix II PCBs 8081 - Pesticides 245.2 - HG Total Number of Containers:													
Preservation Codes: D - HNO3 A - HCL N - None S - H2SO4 B - NaOH Other:		Special Instructions/Note:													
Sample Identification Sample Date Sample Time Sample Type (C=Comp, G=grab) Matrix (W=water, S=solid, O=wastewater, I=In-Tissue, A=Air) Preservation Code:		Field Filtered Sample (Yes or No) Appendix I I_3765_85 - TSS 335A - Cyanide, Total 2540C - Calcd - Total Dissolved Solids 8270E - SVOC 8082A - Appendix II PCBs 8081 - Pesticides 245.2 - HG Total Number of Containers:													
MW-26	10-10-2024	14:43	G	Water	X										
MW-67		10:30		Water	X										
MW-B		12:58		Water	X										
MW-C		12:40		Water	X										
MW-E		15:03		Water	X										
GU-3		17:50		Water	X										
GU-4		17:20		Water	X										
GU-5		17:20		Water	X										
GU-18				Water	X										No Sample
MW-37		11:55		Water	X										
MW-66		9:52		Water	X										
Possible Hazard Identification <input type="checkbox"/> Non-Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Poison B <input type="checkbox"/> Unknown <input type="checkbox"/> Radiological Deliverable Requested I, II, III, IV Other (specify)		Sample Disposal (A fee may be assessed if samples are retained longer than 1 month) <input type="checkbox"/> Return To Client <input type="checkbox"/> Disposal By Lab <input type="checkbox"/> Archive For _____ Months Special Instructions/QC Requirements:													
Empty Kit Relinquished by:		Method of Shipment:													
Relinquished by: Brendan Bunker Relinquished by:		Date/Time: 10/11/24 1000 Date/Time:		Date/Time: 10/11/24 10:30 Date/Time: 10/11/24 17:00 Date/Time:											
Relinquished by:		Date/Time:		Date/Time:											
Custody Seals Intact: <input type="checkbox"/> Yes <input type="checkbox"/> No		Custody Seal No		Cooler Temperature(s) °C and Other Remarks:											



Chain of Custody Record

Eurofins Cedar Falls
 3019 Venture Way
 Cedar Falls IA 50613
 Phone (319) 277-2401 Phone (319) 277-2425

Client Information		Lab PM	Carrier Tracking No(s)	COC No:													
Client Contact: Richard Wilson Company: HDR Inc		Calhoun, Conner M		310-98209-23839.2													
Address: 1917 S 67th Street City: Omaha State, Zip: NE, 68106 Phone: 402-392-6714(Tel) Email: richard.wilson2@hdrinc.com		E-Mail: Conner.Calhoun@et.eurofins.com	Page: Page 2 of 2 Job #:														
Project Name: Metro Park EAST-Landfill Phase II Site:																	
Due Date Requested TAT Requested (days): Compliance Project: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No PO #: Purchase Order not required WO #: Project #: 31016556 SSOW#																	
Sample Identification		Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=oil, ST=stains, A=air)	Preservation Code:	Field Filtered Sample (Yes or No)	Appendix I	L 3765_85 - TSS	1664A - Oil and Grease (HEM)	354A - Cyanide, Total	2540C - Calcd - Total Dissolved Solids	8270E - SVOC	8081A - Pesticides	2462 - HG	Total Number of Containers	Special Instructions/Note*
UO4					Water		<input checked="" type="checkbox"/>										No Sample
DUP-4		10-10-2024	13:00	G	Water				N	N	X	X					No Sample
MMA-49R					Water												No Sample
LEACHATE					Water												Send 1L NT to International asbestos lab
TB-1		10-10-2024	7:05	G	Water					X							
TB-2		10-10-2024	17:08	G	Water					X							
Possible Hazard Identification <input type="checkbox"/> Non-Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Poison B <input type="checkbox"/> Unknown <input type="checkbox"/> Radiological																	
Deliverable Requested I, II, III, IV Other (specify)																	
Empty Kit Relinquished by:																	
Date/Time: 10/11/24 10:00 Reinquished by: Brendan Bunker Company: HDR																	
Date/Time: 10/11/24 10:30 Reinquished by: [Signature] Company: [Signature]																	
Date/Time: 10/11/24 17:10 Reinquished by: PA Company: [Signature]																	
Cooler Temperature(s) °C and Other Remarks:																	



Chain of Custody Record

3019 Venture Way
Cedar Falls, IA 50613
Phone (319) 277-2401 Phone (319) 277-2425

Client Information Client Contact: Richard Wilson Phone: 402-548-5089 Company: HDR Inc.			Lab P.M.: Calhoun, Conner M E-Mail: Conner.Calhoun@et.eurofins.com Carrier Tracking No(s): 310-98209-23839 Page: Job #: State of Origin: PWSID:		
Due Date Requested: TAT Requested (days): Compliance Project: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No PO #: Purchase Order not required WO #: Project #: 31016556 SOW#: Project Name: Metro Park EAST - Landfill Phase II Site:			Analysis Requested 1664A - Oil and Grease (HEM) <input checked="" type="checkbox"/> 335.4 (Cyanide, Total) <input checked="" type="checkbox"/> 2540C-Calc'd - Total Dissolved Solids <input checked="" type="checkbox"/> 8270E - SVOC <input checked="" type="checkbox"/> 8082A - Appendix II PCBs <input checked="" type="checkbox"/> 8081 - Pesticides <input checked="" type="checkbox"/> 245.2 - HG <input checked="" type="checkbox"/> Total Number of Containers: <input checked="" type="checkbox"/>		
Sample Identification Leachate Sample Date: 10-10-2024 Sample Time: Sample Type (C=Comp, G=grab): G Matrix (W=water, S=solid, O=waste/oil, B=soil, T=tissue, A=air): Water Preservation Code: Field Filtered Sample (Yes or No): <input checked="" type="checkbox"/> Perform MS/MSD (Yes or No): <input checked="" type="checkbox"/> Appendix I: <input checked="" type="checkbox"/> 1.3765.85 - TSS <input checked="" type="checkbox"/> 1664A - Oil and Grease (HEM) <input checked="" type="checkbox"/> 335.4 (Cyanide, Total) <input checked="" type="checkbox"/> 2540C-Calc'd - Total Dissolved Solids <input checked="" type="checkbox"/> 8270E - SVOC <input checked="" type="checkbox"/> 8082A - Appendix II PCBs <input checked="" type="checkbox"/> 8081 - Pesticides <input checked="" type="checkbox"/> 245.2 - HG <input checked="" type="checkbox"/> Total Number of Containers: <input checked="" type="checkbox"/>			Special Instructions/Note: Send IL non-spet to International Analyte Lab		
Possible Hazard Identification <input type="checkbox"/> Non-Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Poison B <input type="checkbox"/> Unknown <input type="checkbox"/> Radiological Deliverable Requested I, II, III, IV, Other (specify)			Sample Disposal (A fee may be assessed if samples are retained longer than 1 month) <input type="checkbox"/> Return To Client <input type="checkbox"/> Disposal By Lab <input type="checkbox"/> Archive For _____ Months		
Empty Kit Relinquished by: Relinquished by: Brendan Bunker Date/Time: 10/11/24 1000 Company: HDR			Method of Shipment: Date/Time: 10/11/24 10:30 Company: Eurofins		
Relinquished by: Relinquished by: Date/Time: Company:			Date/Time: 10/11/24 1700 Company: Eurofins		
Custody Seals Intact: <input type="checkbox"/> Yes <input type="checkbox"/> No			Cooler Temperature(s) °C and Other Remarks:		

1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16

Login Sample Receipt Checklist

Client: HDR Inc

Job Number: 310-292696-1

SDG Number:

Login Number: 292696

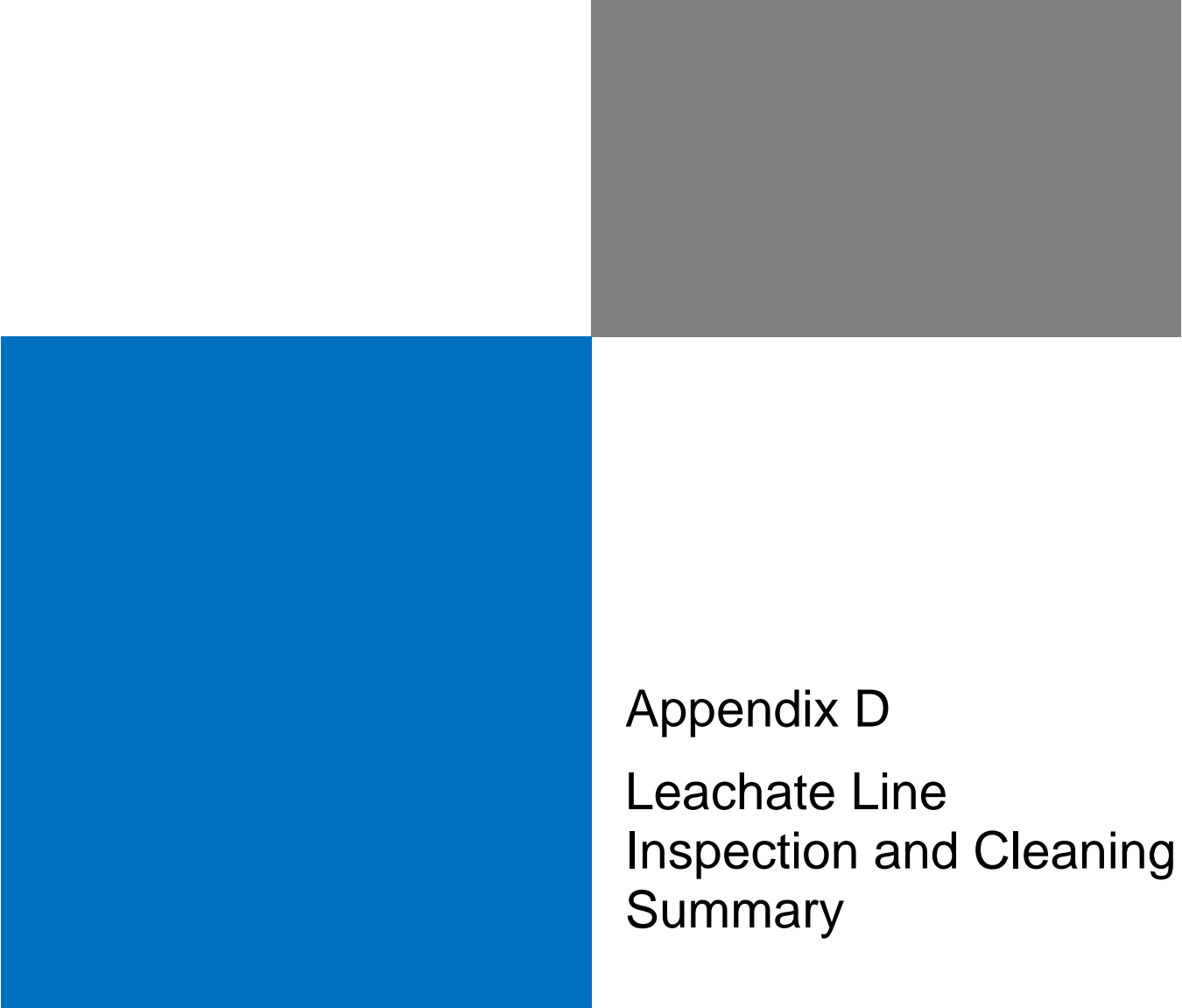
List Number: 1

Creator: Homolar, Dana J


List Source: Eurofins Cedar Falls

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	False	Did not receive GU-4, GU-5 or TB-1
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

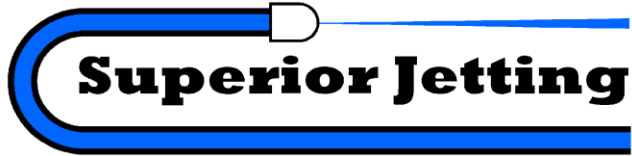
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Appendix D
Leachate Line
Inspection and Cleaning
Summary



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Customer Service Report

Customer: Metro Waste Authority
Metro Park East
Contact: Mr. Arthur Kern
Address: 300 E Locust St. #300
Des Moines, IA 50309

Report Number: 1618
Date(s): 11/8 &
11/9/2023
Page: 2
On-Site Hours: 12.5
Mob. Hours: --

Description: Jet leachate pipes at Metro Park East Landfill

Jetting Summary

Cleanout Name	Description	Length Jet(ft.)	Notes
2A-1	Phase 2 East High Side Cleanout	800	
2A-2	Phase 2 East High Side Cleanout	800	
2A-3	Phase 2 East High Side Cleanout	800	
2B-1	Phase 2 East High Side Cleanout	800	
2B-2	Phase 2 East High Side Cleanout	800	
2B-3	Phase 2 East High Side Cleanout	800	
PICO5E	Phase 1	500	
PICO3E	Phase 1	480	
PICO1W	Phase 1	500	
PICO3W	Phase 1	500	
PICO9W	Phase 1	500	
PICO22W	Phase 1	400	
PICO21W	Phase 1	550	
DEW123	Phase 1	50	See Below

Additional Comments

November 8, 2023

Arrived on Site: 3:00 pm

- Jet Phase 2 CO 2B-3 to the distance indicated above. Very slow jetting past 600 ft.
- Jet Phase 2 CO 2B-2 to the distance indicated above. Very slow jetting past 600 ft.

Left Site: 5:00 pm

November 9, 2023

Arrived on Site: 7:00 am

- Jet Phase 2 CO 2A-1 to the distance indicated above. Very slow jetting past 600 ft.
- Jet Phase 2 CO 2A-2 to the distance indicated above. Very slow jetting past 600 ft.
- Jet Phase 2 CO 2A-3 to the distance indicated above. Very slow jetting past 600 ft.
- Jet Phase 2 CO 2B-1 to the distance indicated above. Very slow jetting past 600 ft.
- Jet PICO21W to the distance indicated above. No problems encountered.
- Jet PICO22W to the distance indicated above. No problems encountered.
- Jet DEW123 to the distance indicated above. Jet through blockage at 5 ft.
- Jet PICO9W to the distance indicated above. No problems encountered.
- Jet PICO3W to the distance indicated above. No problems encountered.
- Jet PICO1W to the distance indicated above. No problems encountered.
- Jet PICO3E to the distance indicated above. No problems encountered.
- Jet PICO5EW to the distance indicated above. No problems encountered.

No sign marking PICO20S. Jet pipe we assumed was PICO20S in 2022

Left Site: 5:00 pm

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Appendix F

Gas Monitoring Summary



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2024 Landfill Gas Monitoring Report

Metro Waste Authority
Metro Park East

Permit No. 77-SDP-01-72P
Submittal Date: January 2025



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2.1	Structures Monitoring.....	1
2.2	Subsurface Monitoring.....	1
2.3	Annual Reporting.....	2
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4.2	Second Quarter 2024 (Calendar Year)	3
4.3	Third Quarter 2024 (Calendar Year)	3
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List of Figures

Figure 1 – Methane Migration Monitoring Network

Appendices

Appendix A – Gas Monitoring Field Results 2024 Calendar Year



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1 Introduction and Purpose

Metro Waste Authority (MWA) owns and operates the Metro Park East Sanitary Landfill (Site) located approximately ten miles east of Des Moines, Iowa and five miles south of Mitchellville, Iowa. It is located in Sections 1 and 2, Township 78 North, Range 22 West, in Polk County, Iowa. The Site is bounded by State Highway 163 to the north, State Highway 316 to the west, 128th Street to the east, and 6th Avenue and 3rd Avenue to the south. A site map depicting the characteristics of the landfill and surrounding vicinity is provided as **Figure 1**.

The Site currently operates as a municipal solid waste landfill (MSWLF) under Permit No. 77-SDP-01-72P (recent version dated October 31, 2024). Special Provisions X.11 and XI.6 require that structure and subsurface monitoring be conducted quarterly and reported annually to the Iowa Department of Natural Resources (IDNR) in conformance with Iowa Administrative Code (IAC) 567-113.9.

The objective of this report is to summarize the monitoring activities that were conducted in the calendar year 2024 in order to maintain compliance with these requirements.

2 Monitoring and Reporting Requirements

2.1 Structures Monitoring

IAC 567-113.9(2)"a"(1) states that methane gas concentrations shall not exceed 25% of the lower explosive limit (LEL) in facility structures (excluding gas control or recovery system components). Methane gas LELs were monitored on a quarterly basis within facility structures by representatives of SCS Engineers. Methane gas monitoring points for facility structures are depicted on the attached **Figure 1**. Methane monitoring results, which were taken quarterly throughout the 2024 calendar year, are attached in **Appendix A**.

2.2 Subsurface Monitoring

IAC 567-113.9(2)"b" states that the methane gas concentrations shall not exceed 100% of the LEL at the facility property boundary. Methane gas LELs were monitored on a quarterly basis in the subsurface methane monitoring probes by representatives of SCS Engineers. Per the Methane Migration Monitoring Plan (Appendix 8A within the operating permit), the type and frequency of monitoring is determined by the soil conditions, hydrogeologic conditions surrounding the facility, hydraulic conditions surrounding the facility, location of facility structures and property boundaries, and locations of structures near the outside of the facility to which or along which subsurface migration of methane may occur.

Measurements are conducted using the LANDTEC® GEM™ 5000 portable gas analyzer. The monitoring device utilizes tubing that is set at deep and shallow elevations in each

monitoring probe. The deep tube is set close to the static water level. The shallow tube is set at the approximate elevation of the ground surface of the monitoring probe. The measurements at different depths are recorded to determine if methane is present in the probe (i.e. moving through the subsurface) and if methane is exiting the probe at the ground surface.

The subsurface landfill gas monitoring points are described in further detail in **Section 3** and depicted on the attached **Figure 1** (MMP-1 through 14, MMP-N1 through N3, MMP-W1 through W3, HH-C1, and HH-P1). Subsurface monitoring results, which were taken quarterly throughout the 2024 calendar year, are attached in **Appendix A**.

2.3 Annual Reporting

The Methane Migration Monitoring Plan further details the requirements of monitoring subsurface migration of methane gas at the facility property boundary as well as monitoring methane gas in facility structures at the Site. Annual reporting requirements from the Methane Migration Monitoring Plan are stated below:

- Details of the methane monitoring sampling locations and monitoring results,
- Actions taken in response to monitored exceedances,
- Results of steps taken to address exceedances of the methane gas limits specified at **§113.9(2)"a"**,
- A site map that delineates: (1) structures; (2) perimeter boundary monitoring locations; (3) other monitoring points where gas readings were taken; and (4) areas of landfill gas migration, if any, outside the MSWLF units; and
- A narrative explaining and interpreting the data collected during the previous year.

3 Monitoring Locations

The following is an installation history of the monitoring points located across the site (excerpted and summarized from previous reporting):

Methane monitoring points MMP-1, MMP-2, and MMP-3, which monitor the northern boundary of the Phase II municipal solid waste landfill (MSWLF) unit, were installed in June 2008. Methane monitoring points MMP-W1 and MMP-N2 were installed in August 2008 to monitor the west and north sides, respectively, of the Phase I MSWLF unit. Methane monitoring point MMP-N1, also installed to monitor north of the Phase I MSWLF unit, was installed in October 2008.

Methane monitoring points MMP-N3, MMP-W2, and MMP-W3 were installed in January 2009 to monitor the area northwest of the Phase I MSWLF unit.

The installation of perimeter subsurface methane migration monitoring points MMP-4, MMP-5, MMP-6, MMP-7, MMP-8, MMP-9, MMP-10, MMP-11, MMP-12, and MMP-13

was completed in April 2015. These monitoring points are located along the northern, eastern, and southern property boundaries adjacent to the Phase II MSWLF unit.

Methane monitoring point MMP-14 was installed in May 2016 to replace methane monitoring point MMP-2 in the Methane Migration Monitoring Plan.

Handholes HH-C1 and HH-P1 monitor north of Maintenance Facility 1 and handholes HH-P-CWTS1 and HH-P-CWTS5 monitor east and south, respectively, of the Constructed Wetlands Treatment System support building.

The structures monitored within this plan include the Scale House/Admin Offices, Maintenance Facilities 1 and 2, Cold Storage 1, 2, 3 and 4, the CWTS Support Building, the Phase I Support Building, and the CCR Silo and Humidification Facility. Monitoring points within the facility structures are located at the four interior corners of the structure.

4 Data Collection and Measurement Results

Per **IAC 567-113.9(2)"d"**, the following summarizes the gas monitoring results, any action taken (if necessary), and the results of steps taken to address gas levels exceeding the threshold limits (if any were reported within the reporting period). As previously stated, a full summary of gas monitoring data is attached in **Appendix A**.

4.1 First Quarter 2024 (Calendar Year)

Methane monitoring for the 1st quarter gas monitoring event of the 2024 calendar year was conducted by SCS Engineers on March 15, 2024. During this event, methane levels were found to be within acceptable limits. Therefore, no evidence of offsite gas migration was observed during this monitoring period.

4.2 Second Quarter 2024 (Calendar Year)

Methane monitoring for the 2nd quarter gas monitoring event of the 2024 calendar year was conducted by SCS Engineers on June 4, 2024. During this event, methane levels were found to be within acceptable limits. Therefore, no evidence of offsite gas migration was observed during this monitoring period.

4.3 Third Quarter 2024 (Calendar Year)

Methane monitoring for the 3rd quarter gas monitoring event of the 2024 calendar year was conducted by SCS Engineers on September 17, 2024. During this event, methane levels were found to be within acceptable limits. Therefore, no evidence of offsite gas migration was observed during this monitoring period.

4.4 Fourth Quarter 2024 (Calendar Year)

Methane monitoring for the 4th quarter gas monitoring event of the 2024 calendar year was conducted by SCS Engineers on November 27, 2024. During this event, methane levels were found to be within acceptable limits. Therefore, no evidence of offsite gas migration was observed during this monitoring period.

During the 4th quarter monitoring event, field personnel noted that well tubing in monitoring point MMP-3 was disconnected, and a methane measurement could not be taken. Upon inspection, it was determined the tubing became brittle and cracked either due to cold weather or general wear and tear. MWA indicated they are in the process of repairing the subsurface landfill gas monitoring point. Given that all other measurements at MMP-3 during the 2024 calendar year indicated 0.0% methane by volume, it is assumed that this probe was under the compliance limit for the 4th quarter monitoring event.

5 Data Summary and Historical Action

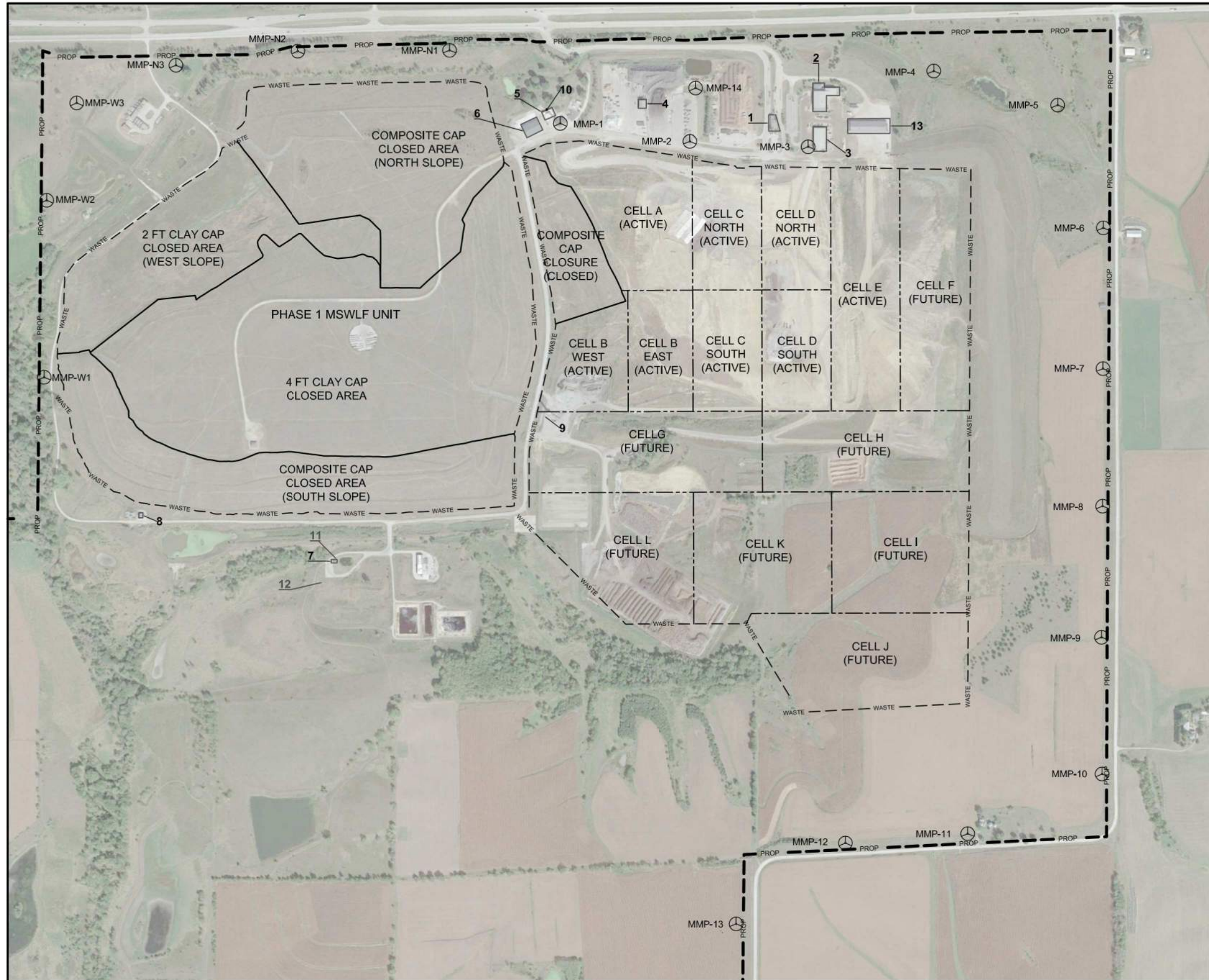
Per **IAC 567-113.9(2)"d"**, the following narrative explains the interpretation of the data collected during the reporting period as required for compliance. During the 2024 (Calendar Year) reporting period, there were no measured exceedances of methane in methane compliance monitoring points. Methane monitoring at the Site will continue on a quarterly basis in 2025.



Figure 1



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LEGEND

- PERMITTED EDGE OF WASTE
- CELL BOUNDARY
- PROPERTY LINE
- EXISTING METHANE MONITORING PROBE LOCATION (MMP)

NOTES:

1. SUBTITLE D AND PRE-SUBTITLE D AREAS FOR PHASE I ARE APPROXIMATED. AREAS WITH A COMPOSITE CAP ARE ASSUMED TO HAVE A SUBTITLE D LINER.
2. LOCATIONS OF EXISTING MONITORING POINTS ARE APPROXIMATED FROM INFORMATION PROVIDED BY BARKER LEMAR.

BUILDINGS INCLUDED IN MONITORING NETWORK

ID	DESCRIPTION
1	SCALE HOUSE / ADMIN OFFICES
5	MAINTENANCE FACILITY 1
2	MAINTENANCE FACILITY 2
6	COLD STORAGE 1
4	COLD STORAGE 2
3	COLD STORAGE 3
7	CWTS SUPPORT
8	PHASE 1 SUPPORT
9	CCR SILO AND HUMIDIFICATION FACILITY
13	COLD STORAGE 4

CORRIDOR POINTS INCLUDED IN MONITORING NETWORK

ID	DESCRIPTION
10	HH-C1 & HH-P1
11	HH-P-CWTS1
12	HH-P-CWTS5



**METRO WASTE AUTHORITY
METRO PARK EAST
PHASE I & PHASE II MSWLF UNITS**

METHANE MIGRATION MONITORING NETWORK

DATE
JANUARY 2025

FIGURE

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Appendix A

Gas Monitoring Field Results

2024 Calendar Year

Conducted by SCS
Engineering, Inc.



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Structure Methane Monitoring Log

Site: Metro Park East Landfill
Date: Friday, March 15, 2024

Monitoring Device: Model: Landtec Gem 5000
 S/N: G504039
Weather Conditions: 48° F, 8 MPH WNW, Sunny
Field Work Performed By: Caleb Gomez
Project No: 27223390.10

Structure #	Measurement Location	Time	CH ₄			CO ₂	O ₂	Balance	Barometric Pressure
			% by Volume	% LEL	% UEL	% by Volume	% by Volume	% by Volume	Inches of Hg
1	Scale House/Admin - NW Corner	10:14	0.0%	0%	0.0%	0.1%	22.1%	77.8%	29.3
1	Scale House/Admin - NE Corner	10:13	0.0%	0%	0.0%	0.1%	22.1%	77.8%	29.3
1	Scale House/Admin - SE Corner	10:10	0.0%	0%	0.0%	0.1%	22.0%	77.9%	29.3
1	Scale House/Admin - SW Corner	10:12	0.0%	0%	0.0%	0.1%	22.0%	77.9%	29.3
2	Maintenance Facility 2 - NW Corner	10:31	0.0%	0.0%	0.0%	0.1%	22.0%	77.9%	29.3
2	Maintenance Facility 2 - NE Corner	10:29	0.0%	0.0%	0.0%	0.1%	22.0%	77.9%	29.3
2	Maintenance Facility 2 - SE Corner	10:33	0.0%	0.0%	0.0%	0.1%	22.1%	77.8%	29.3
2	Maintenance Facility 2 - SW Corner	10:35	0.0%	0.0%	0.0%	0.1%	22.1%	77.8%	29.3
3	Cold Storage 3 - NW Corner	10:24	0.0%	0.0%	0.0%	0.1%	21.9%	78.0%	29.3
3	Cold Storage 3 - NE Corner	10:23	0.0%	0.0%	0.0%	0.1%	21.9%	78.0%	29.3
3	Cold Storage 3 - SE Corner	10:20	0.0%	0.0%	0.0%	0.1%	22.0%	77.9%	29.3
3	Cold Storage 3 - SW Corner	10:21	0.0%	0.0%	0.0%	0.1%	21.9%	78.0%	29.3
4	Cold Storage 2 - NW Corner	9:59	0.0%	0.0%	0.0%	0.1%	21.9%	78.0%	29.3
4	Cold Storage 2 - NE Corner	9:57	0.0%	0.0%	0.0%	0.1%	21.8%	78.1%	29.3
4	Cold Storage 2 - SE Corner	9:55	0.0%	0.0%	0.0%	0.1%	21.8%	78.1%	29.3
4	Cold Storage 2 - SW Corner	9:55	0.0%	0.0%	0.0%	0.1%	21.8%	78.1%	29.3
5	Maintenance Facility 1 - NW Corner	9:31	0.0%	0.0%	0.0%	0.1%	21.7%	78.2%	29.3
5	Maintenance Facility 1 - NE Corner	9:30	0.0%	0.0%	0.0%	0.1%	21.7%	78.2%	29.3
5	Maintenance Facility 1 - SE Corner	9:21	0.0%	0.0%	0.0%	0.1%	21.7%	78.2%	29.3
5	Maintenance Facility 1 - SW Corner	9:27	0.0%	0.0%	0.0%	0.1%	21.7%	78.2%	29.3

NOTES

CH₄ is in % Volume LEL is 5% by Volume UEL is 15% by Volume
 CO₂ is in % Volume
 O₂ is in % Volume

Structure Methane Monitoring Log

Site: Metro Park East Landfill
Date: Friday, March 15, 2024

Monitoring Device: Model: Landtec Gem 5000
 S/N: G504039
Weather Conditions: 48° F, 8 MPH WNW, Sunny
Field Work Performed By: Caleb Gomez
Project No: 27223390.10

Structure #	Measurement Location	Time	CH ₄			CO ₂	O ₂	Balance	Barometric Pressure
			% by Volume	% LEL	% UEL	% by Volume	% by Volume	% by Volume	Inches of Hg
6	Cold Storage 1 - NW Corner	9:36	0.0%	0.0%	0.0%	0.1%	21.6%	78.3%	29.3
6	Cold Storage 1 - NE Corner	9:33	0.0%	0.0%	0.0%	0.1%	21.7%	78.2%	29.3
6	Cold Storage 1 - SE Corner	9:34	0.0%	0.0%	0.0%	0.1%	21.6%	78.3%	29.3
6	Cold Storage 1 - SW Corner	9:37	0.0%	0.0%	0.0%	0.1%	21.6%	78.3%	29.3
7	CWTS Support - NW Corner	13:07	0.0%	0.0%	0.0%	0.1%	20.8%	79.1%	29.4
7	CWTS Support - NE Corner	13:08	0.0%	0.0%	0.0%	0.1%	20.8%	79.1%	29.4
7	CWTS Support - SE Corner	13:10	0.0%	0.0%	0.0%	0.1%	20.8%	79.1%	29.4
7	CWTS Support - SW Corner	13:10	0.0%	0.0%	0.0%	0.1%	20.8%	79.1%	29.4
8	Phase 1 Support - NW Corner	14:06	0.0%	0.0%	0.0%	0.1%	21.1%	78.8%	29.4
8	Phase 1 Support - NE Corner	14:06	0.0%	0.0%	0.0%	0.1%	21.1%	78.8%	29.4
8	Phase 1 Support - SE Corner	14:07	0.0%	0.0%	0.0%	0.1%	21.1%	78.8%	29.4
8	Phase 1 Support - SW Corner	14:08	0.0%	0.0%	0.0%	0.1%	21.0%	78.9%	29.4
9	CCR Silo & Humidification Building - NW Corner	12:50	0.0%	0.0%	0.0%	0.1%	20.7%	79.2%	29.3
9	CCR Silo & Humidification Building - NE Corner	12:52	0.0%	0.0%	0.0%	0.1%	20.7%	79.2%	29.3
9	CCR Silo & Humidification Building - SE Corner	12:53	0.0%	0.0%	0.0%	0.1%	20.7%	79.2%	29.4
9	CCR Silo & Humidification Building - SW Corner	12:53	0.0%	0.0%	0.0%	0.1%	20.7%	79.2%	29.3
10	Cold Storage 4 - NW Corner	10:47	0.0%	0.0%	0.0%	0.1%	22.0%	77.9%	29.3
10	Cold Storage 4 - NE Corner	10:45	0.0%	0.0%	0.0%	0.1%	22.0%	77.9%	29.3
10	Cold Storage 4 - SE Corner	10:44	0.0%	0.0%	0.0%	0.1%	21.9%	78.0%	29.3
10	Cold Storage 4 - SW Corner	10:48	0.0%	0.0%	0.0%	0.1%	22.0%	77.9%	29.3

NOTES

CH₄ is in % Volume LEL is 5% by Volume UEL is 15% by Volume
 CO₂ is in % Volume
 O₂ is in % Volume

Subsurface Methane Monitoring Log

Site: Metro Park East Landfill
 Date: Friday, March 15, 2024

Monitoring Device: Model: Landtec Gem 5000
 S/N: G504039
 Weather Conditions: 48° F, 8 MPH WNW, Sunny
 Field Work Performed By: Caleb Gomez
 Project No: 27223390.10

Site #	Measurement Location	Time	CH ₄			CO ₂	O ₂	Balance	Barometric Pressure
			% by Volume	% LEL	% UEL	% by Volume	% by Volume	% by Volume	Inches of Hg
MMP-1	Methane Monitoring Point (Deep)	9:10	0.0%	0.0%	0.0%	2.3%	19.0%	78.7%	29.2
MMP-1	Methane Monitoring Point (Shallow)	9:11	0.0%	0.0%	0.0%	2.3%	19.0%	78.7%	29.1
MMP-2	Methane Monitoring Point (Deep)	14:28	0.0%	0.0%	0.0%	0.1%	20.4%	79.5%	28.6
MMP-2	Methane Monitoring Point (Shallow)	14:31	0.0%	0.0%	0.0%	0.1%	20.4%	79.5%	28.6
MMP-3	Methane Monitoring Point (Deep)	10:40	0.0%	0.0%	0.0%	1.1%	20.5%	78.4%	29.3
MMP-3	Methane Monitoring Point (Shallow)	10:41	0.0%	0.0%	0.0%	1.4%	20.2%	78.4%	29.3
MMP-4	Methane Monitoring Point (Deep)	10:56	0.0%	0.0%	0.0%	1.3%	21.4%	77.3%	29.3
MMP-4	Methane Monitoring Point (Shallow)	10:58	0.0%	0.0%	0.0%	1.2%	21.4%	77.4%	29.3
MMP-5	Methane Monitoring Point (Deep)	15:06	0.0%	0.0%	0.0%	0.1%	21.2%	78.7%	29.3
MMP-5	Methane Monitoring Point (Shallow)	15:07	0.0%	0.0%	0.0%	0.2%	21.1%	78.7%	29.2
MMP-6	Methane Monitoring Point (Deep)	15:00	0.0%	0.0%	0.0%	0.7%	20.7%	78.6%	29.2
MMP-6	Methane Monitoring Point (Shallow)	15:01	0.0%	0.0%	0.0%	0.6%	20.8%	78.6%	29.2
MMP-7	Methane Monitoring Point (Deep)	15:17	0.0%	0.0%	0.0%	1.1%	20.3%	78.6%	29.2
MMP-7	Methane Monitoring Point (Shallow)	15:18	0.0%	0.0%	0.0%	0.6%	20.7%	78.7%	29.2
MMP-8	Methane Monitoring Point (Deep)	15:22	0.0%	0.0%	0.0%	0.7%	20.7%	78.6%	29.2
MMP-8	Methane Monitoring Point (Shallow)	15:22	0.0%	0.0%	0.0%	0.4%	20.8%	78.8%	29.2
MMP-9	Methane Monitoring Point (Deep)	15:25	0.0%	0.0%	0.0%	0.8%	20.5%	78.7%	29.2
MMP-9	Methane Monitoring Point (Shallow)	15:26	0.0%	0.0%	0.0%	0.8%	20.6%	78.6%	29.2
MMP-10	Methane Monitoring Point (Deep)	15:29	0.0%	0.0%	0.0%	0.7%	20.8%	78.5%	29.2
MMP-10	Methane Monitoring Point (Shallow)	15:30	0.0%	0.0%	0.0%	0.8%	20.8%	78.4%	29.2
MMP-11	Methane Monitoring Point (Deep)	15:34	0.0%	0.0%	0.0%	0.7%	20.8%	78.5%	29.2
MMP-11	Methane Monitoring Point (Shallow)	15:35	0.0%	0.0%	0.0%	0.7%	20.9%	78.4%	29.2

NOTES

*MMP-2 was collected on 3/26/2024

CH₄ is in % Volume LEL is 5% by Volume UEL is 15% by Volume
 CO₂ is in % Volume
 O₂ is in % Volume

Subsurface Methane Monitoring Log

Site: Metro Park East Landfill
Date: Friday, March 15, 2024

Monitoring Device: Model: Landtec Gem 5000
 S/N: G504039
Weather Conditions: 48° F, 8 MPH WNW, Sunny
Field Work Performed By: Caleb Gomez
Project No: 27223390.10

Site #	Measurement Location	Time	CH ₄			CO ₂	O ₂	Balance	Barometric Pressure
			% by Volume	% LEL	% UEL	% by Volume	% by Volume	% by Volume	Inches of Hg
MMP-12	Methane Monitoring Point (Deep)	15:38	0.0%	0.0%	0.0%	1.0%	21.1%	77.9%	29.2
MMP-12	Methane Monitoring Point (Shallow)	15:38	0.0%	0.0%	0.0%	1.0%	21.1%	77.9%	29.2
MMP-13	Methane Monitoring Point (Deep)	15:42	0.0%	0.0%	0.0%	1.0%	20.9%	78.1%	29.2
MMP-13	Methane Monitoring Point (Shallow)	15:43	0.0%	0.0%	0.0%	1.0%	20.9%	78.1%	29.2
MMP-14	Methane Monitoring Point (Deep)	10:02	0.0%	0.0%	0.0%	1.1%	21.0%	77.9%	29.3
MMP-14	Methane Monitoring Point (Shallow)	10:03	0.0%	0.0%	0.0%	0.8%	21.2%	78.0%	29.3
MMP-N1	Methane Monitoring Point (Deep)	14:41	0.0%	0.0%	0.0%	1.0%	20.2%	78.8%	29.3
MMP-N1	Methane Monitoring Point (Shallow)	14:42	0.0%	0.0%	0.0%	1.0%	20.2%	78.8%	29.3
MMP-N2	Methane Monitoring Point (Deep)	14:35	0.0%	0.0%	0.0%	0.9%	21.2%	77.9%	29.3
MMP-N2	Methane Monitoring Point (Shallow)	14:36	0.0%	0.0%	0.0%	0.8%	20.5%	78.7%	29.3
MMP-N3	Methane Monitoring Point (Deep)	14:27	0.0%	0.0%	0.0%	0.6%	20.7%	78.7%	29.3
MMP-N3	Methane Monitoring Point (Shallow)	14:27	0.0%	0.0%	0.0%	0.6%	20.8%	78.6%	29.4
MMP-W1	Methane Monitoring Point (Deep)	14:12	0.0%	0.0%	0.0%	1.4%	19.8%	78.8%	29.4
MMP-W1	Methane Monitoring Point (Shallow)	14:14	0.0%	0.0%	0.0%	1.4%	19.8%	78.8%	29.4
MMP-W2	Methane Monitoring Point (Deep)	14:19	0.0%	0.0%	0.0%	0.5%	20.6%	78.9%	29.4
MMP-W2	Methane Monitoring Point (Shallow)	14:19	0.0%	0.0%	0.0%	0.5%	20.6%	78.9%	29.4
MMP-W3	Methane Monitoring Point (Deep)	14:22	0.0%	0.0%	0.0%	0.1%	21.2%	78.7%	29.3
MMP-W3	Methane Monitoring Point (Shallow)	14:22	0.0%	0.0%	0.0%	0.2%	21.2%	78.6%	29.3
Point 10	HH-C1 & HH-P1	9:15	0.3%	6.0%	0.0%	0.2%	20.5%	79.0%	29.3
Point 11	HH-P-CWTS1	14:01	0.0%	0.0%	0.0%	0.1%	21.3%	78.6%	29.4
Point 12	HH-P-CWTS5	14:01	0.0%	0.0%	0.0%	0.1%	21.3%	78.6%	29.4

NOTES

CH₄ is in % Volume LEL is 5% by Volume UEL is 15% by Volume
 CO₂ is in % Volume
 O₂ is in % Volume

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Structure Methane Monitoring Log

Monitoring Device: Model: Landtec Gem 5000

S/N: G504039

Site: Metro Park East Landfill
Date: Tuesday, June 4, 2024

Weather Conditions: 80°F, Cloudy, 10mph S Wind

Field Work Performed By: Michael Morgan

Project No: 27223390.10

Structure #	Measurement Location	Time	CH ₄			CO ₂	O ₂	Balance	Barometric Pressure
			% by Volume	% LEL	% UEL	% by Volume	% by Volume	% by Volume	Inches of Hg
1	Scale House/Admin - NW Corner	14:50	0.0%	0%	0.0%	0.1%	20.6%	79.3%	28.7
1	Scale House/Admin - NE Corner	14:51	0.0%	0%	0.0%	0.1%	20.6%	79.3%	28.7
1	Scale House/Admin - SE Corner	14:54	0.0%	0%	0.0%	0.1%	20.7%	79.2%	28.7
1	Scale House/Admin - SW Corner	14:54	0.0%	0%	0.0%	0.1%	20.7%	79.2%	28.7
2	Maintenance Facility 2 - NW Corner	13:13	0.0%	0.0%	0.0%	0.0%	20.3%	79.7%	28.7
2	Maintenance Facility 2 - NE Corner	13:14	0.0%	0.0%	0.0%	0.0%	20.3%	79.7%	28.7
2	Maintenance Facility 2 - SE Corner	13:15	0.0%	0.0%	0.0%	0.0%	20.4%	79.6%	28.7
2	Maintenance Facility 2 - SW Corner	13:16	0.0%	0.0%	0.0%	0.0%	20.4%	79.6%	28.7
3	Cold Storage 3 - NW Corner	13:00	0.0%	0.0%	0.0%	0.1%	20.3%	79.6%	28.7
3	Cold Storage 3 - NE Corner	13:01	0.0%	0.0%	0.0%	0.0%	20.3%	79.7%	28.7
3	Cold Storage 3 - SE Corner	13:02	0.0%	0.0%	0.0%	0.0%	20.4%	79.6%	28.7
3	Cold Storage 3 - SW Corner	13:03	0.0%	0.0%	0.0%	0.0%	20.4%	79.6%	28.7
4	Cold Storage 2 - NW Corner	13:26	0.1%	0.0%	0.0%	0.1%	20.2%	79.6%	28.7
4	Cold Storage 2 - NE Corner	13:26	0.0%	0.0%	0.0%	0.1%	20.3%	79.6%	28.7
4	Cold Storage 2 - SE Corner	13:27	0.0%	0.0%	0.0%	0.0%	20.3%	79.7%	28.7
4	Cold Storage 2 - SW Corner	13:28	0.0%	0.0%	0.0%	0.0%	20.3%	79.7%	28.7
5	Maintenance Facility 1 - NW Corner	13:47	0.0%	0.0%	0.0%	0.0%	20.6%	79.4%	28.7
5	Maintenance Facility 1 - NE Corner	13:48	0.0%	0.0%	0.0%	0.0%	20.6%	79.4%	28.7
5	Maintenance Facility 1 - SE Corner	13:37	0.0%	0.0%	0.0%	0.1%	20.3%	79.6%	28.7
5	Maintenance Facility 1 - SW Corner	13:46	0.0%	0.0%	0.0%	0.0%	20.6%	79.4%	28.7

NOTES

CH₄ is in % Volume LEL is 5% by Volume UEL is 15% by Volume
 CO₂ is in % Volume
 O₂ is in % Volume

Structure Methane Monitoring Log

Site: Metro Park East Landfill
Date: Tuesday, June 4, 2024

Monitoring Device: Model: Landtec Gem 5000
 S/N: G504039
Weather Conditions: 80°F, Cloudy, 10mph S Wind
Field Work Performed By: Michael Morgan
Project No: 27223390.10

Structure #	Measurement Location	Time	CH ₄			CO ₂	O ₂	Balance	Barometric Pressure
			% by Volume	% LEL	% UEL	% by Volume	% by Volume	% by Volume	Inches of Hg
6	Cold Storage 1 - NW Corner	13:57	0.0%	0.0%	0.0%	0.1%	20.5%	79.4%	28.7
6	Cold Storage 1 - NE Corner	13:59	0.0%	0.0%	0.0%	0.0%	20.6%	79.4%	28.7
6	Cold Storage 1 - SE Corner	14:00	0.0%	0.0%	0.0%	0.0%	20.6%	79.4%	28.7
6	Cold Storage 1 - SW Corner	13:57	0.0%	0.0%	0.0%	0.0%	20.6%	79.4%	28.7
7	CWTS Support - NW Corner	14:13	0.0%	0.0%	0.0%	0.0%	20.2%	79.8%	28.8
7	CWTS Support - NE Corner	14:14	0.0%	0.0%	0.0%	0.0%	20.3%	79.7%	28.8
7	CWTS Support - SE Corner	14:15	0.0%	0.0%	0.0%	0.0%	20.2%	79.8%	28.8
7	CWTS Support - SW Corner	14:16	0.0%	0.0%	0.0%	0.0%	20.2%	79.8%	28.8
8	Phase 1 Support - NW Corner	14:24	0.0%	0.0%	0.0%	0.0%	20.1%	79.9%	29.2
8	Phase 1 Support - NE Corner	14:25	0.0%	0.0%	0.0%	0.0%	20.2%	79.8%	28.8
8	Phase 1 Support - SE Corner	14:26	0.0%	0.0%	0.0%	0.0%	20.7%	79.3%	28.8
8	Phase 1 Support - SW Corner	14:27	0.0%	0.0%	0.0%	0.0%	20.2%	79.8%	29.0
9	CCR Silo & Humidification Building - NW Corner	14:07	0.0%	0.0%	0.0%	0.0%	20.4%	79.6%	28.8
9	CCR Silo & Humidification Building - NE Corner	14:08	0.0%	0.0%	0.0%	0.0%	20.4%	79.6%	28.8
9	CCR Silo & Humidification Building - SE Corner	14:08	0.0%	0.0%	0.0%	0.0%	20.4%	79.6%	28.8
9	CCR Silo & Humidification Building - SW Corner	14:09	0.0%	0.0%	0.0%	0.0%	20.4%	79.6%	28.8
10	Cold Storage 4 - NW Corner	13:06	0.0%	0.0%	0.0%	0.1%	20.3%	79.6%	28.7
10	Cold Storage 4 - NE Corner	13:08	0.0%	0.0%	0.0%	0.0%	20.3%	79.7%	28.7
10	Cold Storage 4 - SE Corner	13:08	0.0%	0.0%	0.0%	0.0%	20.3%	79.7%	28.7
10	Cold Storage 4 - SW Corner	13:10	0.0%	0.0%	0.0%	0.0%	20.3%	79.7%	28.7

NOTES

CH₄ is in % Volume LEL is 5% by Volume UEL is 15% by Volume
 CO₂ is in % Volume
 O₂ is in % Volume

Subsurface Methane Monitoring Log

Site: Metro Park East Landfill
 Date: Tuesday, June 4, 2024

Monitoring Device: Model: Landtec Gem 5000
 S/N: G504039
 Weather Conditions: 80°F, Cloudy, 10mph S Wind
 Field Work Performed By: Michael Morgan
 Project No: 27223390.10

Site #	Measurement Location	Time	CH ₄			CO ₂	O ₂	Balance	Barometric Pressure
			% by Volume	% LEL	% UEL	% by Volume	% by Volume	% by Volume	Inches of Hg
MMP-1	Methane Monitoring Point (Deep)	13:54	0.0%	0.0%	0.0%	2.6%	16.3%	81.1%	28.7
MMP-1	Methane Monitoring Point (Shallow)	13:52	0.0%	0.0%	0.0%	2.9%	16.1%	81.0%	28.7
MMP-2	Methane Monitoring Point (Deep)	13:22	0.0%	0.0%	0.0%	11.9%	8.6%	79.5%	28.7
MMP-2	Methane Monitoring Point (Shallow)	13:22	0.0%	0.0%	0.0%	10.5%	7.8%	81.7%	28.7
MMP-3	Methane Monitoring Point (Deep)	12:56	0.0%	0.0%	0.0%	2.1%	14.3%	83.6%	28.7
MMP-3	Methane Monitoring Point (Shallow)	12:57	0.0%	0.0%	0.0%	2.6%	12.5%	84.9%	28.7
MMP-4	Methane Monitoring Point (Deep)	10:52	0.0%	0.0%	0.0%	0.1%	19.8%	80.1%	28.8
MMP-4	Methane Monitoring Point (Shallow)	10:53	0.0%	0.0%	0.0%	0.2%	19.7%	80.1%	28.8
MMP-5	Methane Monitoring Point (Deep)	11:51	0.0%	0.0%	0.0%	0.1%	20.1%	79.8%	28.8
MMP-5	Methane Monitoring Point (Shallow)	11:52	0.0%	0.0%	0.0%	0.1%	20.0%	79.9%	28.8
MMP-6	Methane Monitoring Point (Deep)	12:01	0.0%	0.0%	0.0%	0.4%	19.0%	80.6%	28.8
MMP-6	Methane Monitoring Point (Shallow)	12:02	0.0%	0.0%	0.0%	0.2%	19.9%	79.9%	28.8
MMP-7	Methane Monitoring Point (Deep)	12:09	0.0%	0.0%	0.0%	0.5%	19.6%	79.9%	28.8
MMP-7	Methane Monitoring Point (Shallow)	12:09	0.0%	0.0%	0.0%	0.2%	20.1%	79.7%	28.8
MMP-8	Methane Monitoring Point (Deep)	12:14	0.0%	0.0%	0.0%	0.4%	19.5%	80.1%	28.8
MMP-8	Methane Monitoring Point (Shallow)	12:15	0.0%	0.0%	0.0%	0.5%	18.8%	80.7%	28.8
MMP-9	Methane Monitoring Point (Deep)	12:20	0.0%	0.0%	0.0%	0.1%	20.5%	79.4%	28.8
MMP-9	Methane Monitoring Point (Shallow)	12:21	0.0%	0.0%	0.0%	0.2%	20.5%	79.3%	28.7
MMP-10	Methane Monitoring Point (Deep)	12:25	0.0%	0.0%	0.0%	0.2%	20.5%	79.3%	28.8
MMP-10	Methane Monitoring Point (Shallow)	12:26	0.0%	0.0%	0.0%	0.2%	20.5%	79.3%	28.8
MMP-11	Methane Monitoring Point (Deep)	12:30	0.0%	0.0%	0.0%	1.8%	16.8%	81.4%	28.8
MMP-11	Methane Monitoring Point (Shallow)	12:31	0.0%	0.0%	0.0%	1.2%	17.9%	80.9%	28.8

NOTES

CH₄ is in % Volume LEL is 5% by Volume UEL is 15% by Volume
 CO₂ is in % Volume
 O₂ is in % Volume

Subsurface Methane Monitoring Log

Site: Metro Park East Landfill
Date: Tuesday, June 4, 2024

Monitoring Device: Model: Landtec Gem 5000
 S/N: G504039
Weather Conditions: 80°F, Cloudy, 10mph S Wind
Field Work Performed By: Michael Morgan
Project No: 27223390.10

Site #	Measurement Location	Time	CH ₄			CO ₂	O ₂	Balance	Barometric Pressure
			% by Volume	% LEL	% UEL	% by Volume	% by Volume	% by Volume	Inches of Hg
MMP-12	Methane Monitoring Point (Deep)	12:35	0.0%	0.0%	0.0%	1.1%	17.6%	81.3%	28.7
MMP-12	Methane Monitoring Point (Shallow)	12:36	0.0%	0.0%	0.0%	0.8%	18.8%	80.4%	28.7
MMP-13	Methane Monitoring Point (Deep)	12:41	0.0%	0.0%	0.0%	0.5%	19.8%	79.7%	28.7
MMP-13	Methane Monitoring Point (Shallow)	12:43	0.0%	0.0%	0.0%	0.5%	19.9%	79.6%	28.7
MMP-14	Methane Monitoring Point (Deep)	13:32	0.0%	0.0%	0.0%	1.4%	18.7%	79.9%	28.7
MMP-14	Methane Monitoring Point (Shallow)	13:33	0.0%	0.0%	0.0%	1.4%	18.4%	80.2%	28.7
MMP-N1	Methane Monitoring Point (Deep)	10:18	0.0%	0.0%	0.0%	2.7%	17.8%	79.5%	28.8
MMP-N1	Methane Monitoring Point (Shallow)	10:20	0.0%	0.0%	0.0%	2.2%	18.1%	79.7%	28.8
MMP-N2	Methane Monitoring Point (Deep)	10:27	0.0%	0.0%	0.0%	2.1%	16.6%	81.3%	28.8
MMP-N2	Methane Monitoring Point (Shallow)	10:28	0.0%	0.0%	0.0%	2.4%	16.5%	81.1%	28.8
MMP-N3	Methane Monitoring Point (Deep)	11:36	0.0%	0.0%	0.0%	2.6%	16.7%	80.7%	28.9
MMP-N3	Methane Monitoring Point (Shallow)	11:37	0.0%	0.0%	0.0%	2.0%	17.6%	80.4%	28.8
MMP-W1	Methane Monitoring Point (Deep)	14:32	0.0%	0.0%	0.0%	0.4%	19.9%	79.7%	28.8
MMP-W1	Methane Monitoring Point (Shallow)	14:33	0.0%	0.0%	0.0%	0.2%	20.0%	79.8%	28.8
MMP-W2	Methane Monitoring Point (Deep)	11:17	0.0%	0.0%	0.0%	0.7%	18.5%	80.8%	28.8
MMP-W2	Methane Monitoring Point (Shallow)	11:18	0.0%	0.0%	0.0%	0.5%	18.8%	80.7%	28.8
MMP-W3	Methane Monitoring Point (Deep)	11:23	0.0%	0.0%	0.0%	0.1%	20.0%	79.9%	28.8
MMP-W3	Methane Monitoring Point (Shallow)	11:24	0.0%	0.0%	0.0%	0.1%	20.0%	79.9%	28.8
Point 10	HH-C1 & HH-P1	14:02	0.3%	6.0%	0.0%	0.0%	20.6%	79.1%	28.7
Point 11	HH-P-CWTS1	14:17	0.0%	0.0%	0.0%	1.0%	19.9%	79.1%	28.8
Point 12	HH-P-CWTS5	14:19	0.0%	0.0%	0.0%	0.1%	20.1%	79.8%	79.8

NOTES

CH₄ is in % Volume LEL is 5% by Volume UEL is 15% by Volume
 CO₂ is in % Volume
 O₂ is in % Volume

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Structure Methane Monitoring Log

Site: Metro Park East Landfill
 Date: Tuesday, September 17, 2024

Monitoring Device: _____ Model: Landtec Gem 5000
 S/N: G504039
 Weather Conditions: 88°F, Partly Cloudy, 14mph SSE Wind
 Field Work Performed By: Sean Marczewski
 Project No: 27224453.10

Structure #	Measurement Location	Time	CH ₄			CO ₂	O ₂	Balance	Barometric Pressure
			% by Volume	% LEL	% UEL	% by Volume	% by Volume	% by Volume	Inches of Hg
1	Scale House/Admin - NW Corner	11:55	0.0%	0.0%	0.0%	0.2%	20.2%	79.6%	29.1
1	Scale House/Admin - NE Corner	11:56	0.0%	0.0%	0.0%	0.1%	20.2%	79.7%	29.1
1	Scale House/Admin - SE Corner	11:52	0.0%	0.0%	0.0%	0.1%	20.3%	79.6%	29.1
1	Scale House/Admin - SW Corner	11:51	0.0%	0.0%	0.0%	0.1%	20.4%	79.5%	29.1
2	Maintenance Facility 2 - NW Corner	12:02	0.0%	0.0%	0.0%	0.1%	20.1%	79.8%	29.1
2	Maintenance Facility 2 - NE Corner	12:02	0.0%	0.0%	0.0%	0.1%	20.0%	79.9%	29.1
2	Maintenance Facility 2 - SE Corner	12:03	0.0%	0.0%	0.0%	0.1%	20.0%	79.9%	29.1
2	Maintenance Facility 2 - SW Corner	12:04	0.0%	0.0%	0.0%	0.1%	19.9%	80.0%	29.1
3	Cold Storage 3 - NW Corner	12:07	0.0%	0.0%	0.0%	0.1%	19.9%	80.0%	29.1
3	Cold Storage 3 - NE Corner	12:07	0.0%	0.0%	0.0%	0.1%	19.8%	80.1%	29.1
3	Cold Storage 3 - SE Corner	12:08	0.0%	0.0%	0.0%	0.1%	19.8%	80.1%	29.1
3	Cold Storage 3 - SW Corner	12:09	0.0%	0.0%	0.0%	0.1%	19.7%	80.2%	29.1
4	Cold Storage 2 - NW Corner	13:06	0.1%	0.0%	0.0%	0.0%	20.1%	79.9%	29.1
4	Cold Storage 2 - NE Corner	13:07	0.0%	0.0%	0.0%	0.0%	20.1%	79.9%	29.1
4	Cold Storage 2 - SE Corner	13:08	0.0%	0.0%	0.0%	0.0%	20.1%	79.9%	29.1
4	Cold Storage 2 - SW Corner	13:09	0.0%	0.0%	0.0%	0.0%	20.1%	79.9%	29.1
5	Maintenance Facility 1 - NW Corner	12:58	0.0%	0.0%	0.0%	0.1%	19.9%	80.0%	29.1
5	Maintenance Facility 1 - NE Corner	13:02	0.0%	0.0%	0.0%	0.0%	20.0%	80.0%	29.1
5	Maintenance Facility 1 - SE Corner	13:02	0.0%	0.0%	0.0%	0.0%	20.1%	79.9%	29.1
5	Maintenance Facility 1 - SW Corner	13:03	0.0%	0.0%	0.0%	0.0%	20.1%	79.9%	29.1

NOTES

CH₄ is in % Volume LEL is 5% by Volume UEL is 15% by Volume
 CO₂ is in % Volume
 O₂ is in % Volume

Structure Methane Monitoring Log

Site: Metro Park East Landfill
Date: Tuesday, September 17, 2024

Monitoring Device: Model: Landtec Gem 5000
 S/N: G504039
Weather Conditions: 88°F, Partly Cloudy, 14mph SSE Wind
Field Work Performed By: Sean Marczewski
Project No: 27224453.10

Structure #	Measurement Location	Time	CH ₄			CO ₂	O ₂	Balance	Barometric Pressure
			% by Volume	% LEL	% UEL	% by Volume	% by Volume	% by Volume	Inches of Hg
6	Cold Storage 1 - NW Corner	13:21	0.0%	0.0%	0.0%	0.0%	19.9%	80.1%	29.1
6	Cold Storage 1 - NE Corner	13:22	0.0%	0.0%	0.0%	0.0%	19.9%	80.1%	29.1
6	Cold Storage 1 - SE Corner	13:22	0.0%	0.0%	0.0%	0.0%	19.9%	80.1%	29.0
6	Cold Storage 1 - SW Corner	13:23	0.0%	0.0%	0.0%	0.0%	19.9%	80.1%	29.1
7	CWTS Support - NW Corner	13:42	0.0%	0.0%	0.0%	0.1%	20.7%	79.2%	29.2
7	CWTS Support - NE Corner	13:46	0.0%	0.0%	0.0%	0.1%	20.9%	79.0%	29.2
7	CWTS Support - SE Corner	13:47	0.0%	0.0%	0.0%	0.1%	21.0%	78.9%	29.2
7	CWTS Support - SW Corner	13:48	0.0%	0.0%	0.0%	0.0%	21.1%	78.9%	29.2
8	Phase 1 Support - NW Corner	13:57	0.0%	0.0%	0.0%	0.0%	20.8%	79.2%	29.2
8	Phase 1 Support - NE Corner	13:58	0.0%	0.0%	0.0%	0.0%	20.8%	79.2%	29.2
8	Phase 1 Support - SE Corner	13:59	0.0%	0.0%	0.0%	0.0%	20.8%	79.2%	29.2
8	Phase 1 Support - SW Corner	14:00	0.0%	0.0%	0.0%	0.0%	20.8%	79.2%	29.2
9	CCR Silo & Humidification Building - NW Corner	13:34	0.0%	0.0%	0.0%	0.0%	20.4%	79.6%	29.1
9	CCR Silo & Humidification Building - NE Corner	13:35	0.0%	0.0%	0.0%	0.1%	20.3%	79.6%	29.2
9	CCR Silo & Humidification Building - SE Corner	13:36	0.0%	0.0%	0.0%	0.2%	20.4%	79.4%	29.2
9	CCR Silo & Humidification Building - SW Corner	13:37	0.0%	0.0%	0.0%	0.3%	20.2%	79.5%	29.2
10	Cold Storage 4 - NW Corner	12:16	0.0%	0.0%	0.0%	0.1%	19.3%	80.6%	29.1
10	Cold Storage 4 - NE Corner	12:17	0.0%	0.0%	0.0%	0.1%	19.3%	80.6%	29.1
10	Cold Storage 4 - SE Corner	12:18	0.0%	0.0%	0.0%	0.1%	19.3%	80.6%	29.1
10	Cold Storage 4 - SW Corner	12:19	0.0%	0.0%	0.0%	0.1%	19.3%	80.6%	29.1

NOTES

CH₄ is in % Volume LEL is 5% by Volume UEL is 15% by Volume
 CO₂ is in % Volume
 O₂ is in % Volume

Subsurface Methane Monitoring Log

Site: Metro Park East Landfill
 Date: Tuesday, September 17, 2024

Monitoring Device: Model: Landtec Gem 5000
 S/N: G504039
 Weather Conditions: 88°F, Partly Cloudy, 14mph SSE Wind
 Field Work Performed By: Sean Marczewski
 Project No: 27224453.10

Site #	Measurement Location	Time	CH ₄			CO ₂	O ₂	Balance	Barometric Pressure
			% by Volume	% LEL	% UEL	% by Volume	% by Volume	% by Volume	Inches of Hg
MMP-1	Methane Monitoring Point (Deep)	13:16	0.0%	0.0%	0.0%	4.6%	16.9%	78.5%	29.1
MMP-1	Methane Monitoring Point (Shallow)	13:17	0.0%	0.0%	0.0%	4.7%	16.7%	78.6%	29.1
MMP-2	Methane Monitoring Point (Deep)	12:36	0.0%	0.0%	0.0%	10.3%	11.5%	78.2%	29.1
MMP-2	Methane Monitoring Point (Shallow)	12:38	0.0%	0.0%	0.0%	5.9%	14.8%	79.3%	29.1
MMP-3	Methane Monitoring Point (Deep)	12:12	0.0%	0.0%	0.0%	3.1%	15.5%	81.4%	29.1
MMP-3	Methane Monitoring Point (Shallow)	12:12	0.0%	0.0%	0.0%	4.3%	13.6%	82.1%	29.1
MMP-4	Methane Monitoring Point (Deep)	12:27	0.0%	0.0%	0.0%	0.1%	19.1%	80.8%	29.1
MMP-4	Methane Monitoring Point (Shallow)	12:34	0.0%	0.0%	0.0%	0.1%	19.2%	80.7%	29.1
MMP-5	Methane Monitoring Point (Deep)	15:46	0.0%	0.0%	0.0%	5.1%	17.0%	77.9%	28.9
MMP-5	Methane Monitoring Point (Shallow)	15:47	0.0%	0.0%	0.0%	0.1%	18.9%	81.0%	28.9
MMP-6	Methane Monitoring Point (Deep)	15:55	0.0%	0.0%	0.0%	0.5%	19.5%	80.0%	28.9
MMP-6	Methane Monitoring Point (Shallow)	15:55	0.0%	0.0%	0.0%	0.1%	20.8%	79.1%	28.9
MMP-7	Methane Monitoring Point (Deep)	16:00	0.0%	0.0%	0.0%	0.1%	20.2%	79.7%	28.9
MMP-7	Methane Monitoring Point (Shallow)	16:02	0.0%	0.0%	0.0%	0.1%	21.0%	78.9%	28.9
MMP-8	Methane Monitoring Point (Deep)	16:07	0.0%	0.0%	0.0%	0.1%	20.5%	79.4%	28.9
MMP-8	Methane Monitoring Point (Shallow)	16:14	0.0%	0.0%	0.0%	0.1%	21.0%	78.9%	28.9
MMP-9	Methane Monitoring Point (Deep)	16:15	0.0%	0.0%	0.0%	0.1%	21.2%	78.7%	28.9
MMP-9	Methane Monitoring Point (Shallow)	16:15	0.0%	0.0%	0.0%	0.7%	20.2%	79.1%	28.9
MMP-10	Methane Monitoring Point (Deep)	16:21	0.0%	0.0%	0.0%	0.5%	20.7%	78.8%	28.9
MMP-10	Methane Monitoring Point (Shallow)	16:22	0.0%	0.0%	0.0%	0.3%	20.9%	78.8%	28.9
MMP-11	Methane Monitoring Point (Deep)	16:25	0.0%	0.0%	0.0%	0.3%	20.2%	79.5%	28.9
MMP-11	Methane Monitoring Point (Shallow)	16:26	0.0%	0.0%	0.0%	0.2%	20.6%	79.2%	28.9

NOTES

CH₄ is in % Volume LEL is 5% by Volume UEL is 15% by Volume
 CO₂ is in % Volume
 O₂ is in % Volume

Subsurface Methane Monitoring Log

Site: Metro Park East Landfill
Date: Tuesday, September 17, 2024

Monitoring Device: Model: Landtec Gem 5000
 S/N: G504039
Weather Conditions: 88°F, Partly Cloudy, 14mph SSE Wind
Field Work Performed By: Sean Marczewski
Project No: 27224453.10

Site #	Measurement Location	Time	CH ₄			CO ₂	O ₂	Balance	Barometric Pressure
			% by Volume	% LEL	% UEL	% by Volume	% by Volume	% by Volume	Inches of Hg
MMP-12	Methane Monitoring Point (Deep)	16:30	0.0%	0.0%	0.0%	0.3%	20.7%	79.0%	28.9
MMP-12	Methane Monitoring Point (Shallow)	16:31	0.0%	0.0%	0.0%	0.1%	19.9%	80.0%	28.9
MMP-13	Methane Monitoring Point (Deep)	16:40	0.0%	0.0%	0.0%	2.3%	20.2%	77.5%	28.9
MMP-13	Methane Monitoring Point (Shallow)	16:41	0.0%	0.0%	0.0%	0.2%	20.9%	78.9%	28.8
MMP-14	Methane Monitoring Point (Deep)	12:42	0.0%	0.0%	0.0%	3.5%	17.3%	79.2%	29.1
MMP-14	Methane Monitoring Point (Shallow)	12:43	0.0%	0.0%	0.0%	2.9%	17.6%	79.5%	29.1
MMP-N1	Methane Monitoring Point (Deep)	14:42	0.0%	0.0%	0.0%	0.6%	19.1%	80.3%	29.1
MMP-N1	Methane Monitoring Point (Shallow)	14:43	0.0%	0.0%	0.0%	0.2%	20.7%	79.1%	29.1
MMP-N2	Methane Monitoring Point (Deep)	14:47	0.0%	0.0%	0.0%	3.6%	17.7%	78.7%	29.0
MMP-N2	Methane Monitoring Point (Shallow)	14:48	0.0%	0.0%	0.0%	0.4%	19.2%	80.4%	29.1
MMP-N3	Methane Monitoring Point (Deep)	14:30	0.0%	0.0%	0.0%	0.7%	19.2%	80.1%	29.2
MMP-N3	Methane Monitoring Point (Shallow)	14:30	0.0%	0.0%	0.0%	0.2%	18.3%	81.5%	29.2
MMP-W1	Methane Monitoring Point (Deep)	14:06	0.0%	0.0%	0.0%	3.3%	18.3%	78.4%	29.2
MMP-W1	Methane Monitoring Point (Shallow)	14:07	0.0%	0.0%	0.0%	3.1%	18.3%	78.6%	29.2
MMP-W2	Methane Monitoring Point (Deep)	14:18	0.0%	0.0%	0.0%	0.2%	17.7%	82.1%	29.2
MMP-W2	Methane Monitoring Point (Shallow)	14:19	0.0%	0.0%	0.0%	1.1%	19.3%	79.6%	29.2
MMP-W3	Methane Monitoring Point (Deep)	14:24	0.0%	0.0%	0.0%	4.8%	17.4%	77.8%	29.2
MMP-W3	Methane Monitoring Point (Shallow)	14:25	0.0%	0.0%	0.0%	3.0%	18.5%	78.5%	29.2
Point 10	HH-C1 & HH-P1	13:19	0.3%	6.0%	80.0%	0.1%	19.7%	80.2%	29.1
Point 11	HH-P-CWTS1	13:49	0.0%	0.0%	0.0%	0.0%	20.9%	79.1%	29.2
Point 12	HH-P-CWTS5	13:50	0.0%	0.0%	0.0%	1.1%	20.1%	78.8%	29.2

NOTES

CH₄ is in % Volume LEL is 5% by Volume UEL is 15% by Volume
 CO₂ is in % Volume
 O₂ is in % Volume

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Structure Methane Monitoring Log

Monitoring Device: Model: Landtec Gem 5000

S/N: G504039

Site: Metro Park East Landfill
Date: Wednesday, November 27, 2024

Weather Conditions: 39°F, Clear, 8mph NE Wind
Field Work Performed By: Michael Morgan
Project No: 27224453.10

Structure #	Measurement Location	Time	CH ₄			CO ₂	O ₂	Balance	Barometric Pressure
			% by Volume	% LEL	% UEL	% by Volume	% by Volume	% by Volume	Inches of Hg
1	Scale House/Admin - NW Corner	13:32	0.0%	0.0%	0.0%	0.1%	21.4%	78.5%	28.9
1	Scale House/Admin - NE Corner	13:33	0.0%	0.0%	0.0%	0.1%	21.4%	78.5%	28.9
1	Scale House/Admin - SE Corner	13:34	0.0%	0.0%	0.0%	0.1%	21.4%	78.5%	28.9
1	Scale House/Admin - SW Corner	13:34	0.0%	0.0%	0.0%	0.1%	21.4%	78.5%	28.9
2	Maintenance Facility 2 - NW Corner	10:16	0.0%	0.0%	0.0%	0.1%	21.5%	78.4%	28.9
2	Maintenance Facility 2 - NE Corner	10:15	0.0%	0.0%	0.0%	0.1%	21.5%	78.4%	28.9
2	Maintenance Facility 2 - SE Corner	10:19	0.0%	0.0%	0.0%	0.1%	21.6%	78.3%	28.9
2	Maintenance Facility 2 - SW Corner	10:18	0.0%	0.0%	0.0%	0.1%	21.5%	78.4%	28.9
3	Cold Storage 3 - NW Corner	10:20	0.0%	0.0%	0.0%	0.1%	21.7%	78.2%	28.9
3	Cold Storage 3 - NE Corner	10:22	0.0%	0.0%	0.0%	0.1%	21.7%	78.2%	28.9
3	Cold Storage 3 - SE Corner	10:22	0.0%	0.0%	0.0%	0.1%	21.7%	78.2%	28.9
3	Cold Storage 3 - SW Corner	10:23	0.0%	0.0%	0.0%	0.1%	21.8%	78.1%	28.9
4	Cold Storage 2 - NW Corner	11:12	0.0%	0.0%	0.0%	0.1%	22.3%	77.6%	28.9
4	Cold Storage 2 - NE Corner	11:13	0.0%	0.0%	0.0%	0.1%	22.4%	77.5%	28.9
4	Cold Storage 2 - SE Corner	11:14	0.0%	0.0%	0.0%	0.1%	22.4%	77.5%	28.9
4	Cold Storage 2 - SW Corner	11:15	0.0%	0.0%	0.0%	0.1%	22.4%	77.5%	28.9
5	Maintenance Facility 1 - NW Corner	11:27	0.0%	0.0%	0.0%	0.1%	22.2%	77.7%	28.9
5	Maintenance Facility 1 - NE Corner	11:28	0.0%	0.0%	0.0%	0.1%	22.3%	77.6%	28.9
5	Maintenance Facility 1 - SE Corner	11:29	0.0%	0.0%	0.0%	0.1%	22.3%	77.6%	28.9
5	Maintenance Facility 1 - SW Corner	11:30	0.0%	0.0%	0.0%	0.1%	22.3%	77.6%	28.9

NOTES

CH₄ is in % Volume LEL is 5% by Volume UEL is 15% by Volume
 CO₂ is in % Volume
 O₂ is in % Volume

Structure Methane Monitoring Log

Monitoring Device: Model: Landtec Gem 5000

S/N: G504039

Site: Metro Park East Landfill
Date: Wednesday, November 27, 2024

Weather Conditions: 39°F, Clear, 8mph NE Wind
Field Work Performed By: Michael Morgan
Project No: 27224453.10

Structure #	Measurement Location	Time	CH ₄			CO ₂	O ₂	Balance	Barometric Pressure
			% by Volume	% LEL	% UEL	% by Volume	% by Volume	% by Volume	Inches of Hg
6	Cold Storage 1 - NW Corner	11:46	0.0%	0.0%	0.0%	0.1%	21.9%	78.0%	28.9
6	Cold Storage 1 - NE Corner	11:47	0.0%	0.0%	0.0%	0.1%	21.9%	78.0%	28.9
6	Cold Storage 1 - SE Corner	11:48	0.0%	0.0%	0.0%	0.1%	21.9%	78.0%	28.9
6	Cold Storage 1 - SW Corner	11:49	0.0%	0.0%	0.0%	0.1%	21.9%	78.0%	28.9
7	CWTS Support - NW Corner	12:03	0.0%	0.0%	0.0%	0.1%	21.7%	78.2%	29.0
7	CWTS Support - NE Corner	12:04	0.0%	0.0%	0.0%	0.1%	21.7%	78.2%	29.0
7	CWTS Support - SE Corner	12:05	0.0%	0.0%	0.0%	0.1%	21.7%	78.2%	29.0
7	CWTS Support - SW Corner	12:05	0.0%	0.0%	0.0%	0.1%	21.7%	78.2%	29.0
8	Phase 1 Support - NW Corner	12:19	0.0%	0.0%	0.0%	0.1%	21.6%	78.3%	29.0
8	Phase 1 Support - NE Corner	12:20	0.0%	0.0%	0.0%	0.1%	21.6%	78.3%	29.0
8	Phase 1 Support - SE Corner	12:20	0.0%	0.0%	0.0%	0.1%	21.6%	78.3%	29.0
8	Phase 1 Support - SW Corner	12:21	0.0%	0.0%	0.0%	0.1%	21.6%	78.3%	29.0
9	CCR Silo & Humidification Building - NW Corner	11:55	0.0%	0.0%	0.0%	0.1%	21.9%	78.0%	29.0
9	CCR Silo & Humidification Building - NE Corner	11:56	0.0%	0.0%	0.0%	0.1%	21.8%	78.1%	29.0
9	CCR Silo & Humidification Building - SE Corner	11:56	0.0%	0.0%	0.0%	0.1%	21.9%	78.0%	29.0
9	CCR Silo & Humidification Building - SW Corner	11:57	0.0%	0.0%	0.0%	0.1%	21.8%	78.1%	29.0
10	Cold Storage 4 - NW Corner	10:10	0.0%	0.0%	0.0%	0.1%	21.2%	78.7%	28.9
10	Cold Storage 4 - NE Corner	10:08	0.0%	0.0%	0.0%	0.1%	21.2%	78.7%	28.9
10	Cold Storage 4 - SE Corner	10:07	0.0%	0.0%	0.0%	0.1%	21.1%	78.8%	28.9
10	Cold Storage 4 - SW Corner	10:11	0.0%	0.0%	0.0%	0.1%	21.3%	78.6%	28.9

NOTES

CH₄ is in % Volume LEL is 5% by Volume UEL is 15% by Volume
 CO₂ is in % Volume
 O₂ is in % Volume

Subsurface Methane Monitoring Log

Monitoring Device: Model: Landtec Gem 5000

S/N: G504039

Site: Metro Park East Landfill

Weather Conditions: 39°F, Clear, 8mph NE Wind

Date: Wednesday, November 27, 2024

Field Work Performed By: Michael Morgan

Project No: 27224453.10

Site #	Measurement Location	Time	CH ₄			CO ₂	O ₂	Balance	Barometric Pressure
			% by Volume	% LEL	% UEL	% by Volume	% by Volume	% by Volume	Inches of Hg
MMP-1	Methane Monitoring Point (Deep)	11:20	0.0%	0.0%	0.0%	4.1%	19.8%	76.1%	28.9
MMP-1	Methane Monitoring Point (Shallow)	11:21	0.0%	0.0%	0.0%	4.1%	19.1%	76.8%	28.7
MMP-2	Methane Monitoring Point (Deep)	10:59	0.0%	0.0%	0.0%	7.9%	17.6%	74.5%	28.9
MMP-2	Methane Monitoring Point (Shallow)	11:00	0.0%	0.0%	0.0%	4.2%	19.4%	76.4%	28.9
MMP-3	Methane Monitoring Point (Deep)	NA	NA	NA	NA	NA	NA	NA	NA
MMP-3	Methane Monitoring Point (Shallow)	NA	NA	NA	NA	NA	NA	NA	NA
MMP-4	Methane Monitoring Point (Deep)	10:47	0.0%	0.0%	0.0%	1.4%	22.5%	76.1%	29.0
MMP-4	Methane Monitoring Point (Shallow)	10:48	0.0%	0.0%	0.0%	2.1%	21.5%	76.4%	29.0
MMP-5	Methane Monitoring Point (Deep)	13:45	0.0%	0.0%	0.0%	0.7%	20.9%	78.4%	28.9
MMP-5	Methane Monitoring Point (Shallow)	13:46	0.0%	0.0%	0.0%	0.6%	21.0%	78.4%	28.9
MMP-6	Methane Monitoring Point (Deep)	13:54	0.0%	0.0%	0.0%	1.5%	20.5%	78.0%	28.9
MMP-6	Methane Monitoring Point (Shallow)	13:55	0.0%	0.0%	0.0%	1.0%	20.7%	78.3%	28.9
MMP-7	Methane Monitoring Point (Deep)	14:03	0.0%	0.0%	0.0%	1.8%	20.8%	77.4%	28.9
MMP-7	Methane Monitoring Point (Shallow)	14:04	0.0%	0.0%	0.0%	0.9%	21.2%	77.9%	28.9
MMP-8	Methane Monitoring Point (Deep)	14:12	0.0%	0.0%	0.0%	0.9%	21.4%	77.7%	28.9
MMP-8	Methane Monitoring Point (Shallow)	14:13	0.0%	0.0%	0.0%	0.8%	21.5%	77.7%	28.9
MMP-9	Methane Monitoring Point (Deep)	14:18	0.0%	0.0%	0.0%	1.7%	21.2%	77.1%	28.9
MMP-9	Methane Monitoring Point (Shallow)	14:19	0.0%	0.0%	0.0%	1.7%	21.3%	77.0%	28.9
MMP-10	Methane Monitoring Point (Deep)	14:24	0.0%	0.0%	0.0%	0.7%	21.7%	77.6%	28.9
MMP-10	Methane Monitoring Point (Shallow)	14:25	0.0%	0.0%	0.0%	0.7%	21.7%	77.6%	28.9
MMP-11	Methane Monitoring Point (Deep)	14:29	0.0%	0.0%	0.0%	1.9%	21.1%	77.0%	28.9
MMP-11	Methane Monitoring Point (Shallow)	14:30	0.0%	0.0%	0.0%	0.8%	21.5%	77.7%	28.9

NOTES MMP-3 well tubing was found to be disconnected. No measurements taken for this point.

CH₄ is in % Volume LEL is 5% by Volume UEL is 15% by Volume
 CO₂ is in % Volume
 O₂ is in % Volume

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			% by Volume	% LEL	% UEL	% by Volume	% by Volume	% by Volume	Inches of Hg
MMP-12	Methane Monitoring Point (Deep)	14:35	0.0%	0.0%	0.0%	1.7%	21.3%	77.0%	28.9
MMP-12	Methane Monitoring Point (Shallow)	14:36	0.0%	0.0%	0.0%	1.7%	21.1%	77.2%	28.9
MMP-13	Methane Monitoring Point (Deep)	14:44	0.0%	0.0%	0.0%	1.4%	21.5%	77.1%	28.9
MMP-13	Methane Monitoring Point (Shallow)	14:45	0.0%	0.0%	0.0%	1.5%	21.5%	77.0%	28.9
MMP-14	Methane Monitoring Point (Deep)	11:04	0.0%	0.0%	0.0%	1.5%	20.8%	77.7%	28.9
MMP-14	Methane Monitoring Point (Shallow)	11:05	0.0%	0.0%	0.0%	1.5%	21.0%	77.5%	29.0
MMP-N1	Methane Monitoring Point (Deep)	13:08	0.0%	0.0%	0.0%	1.5%	21.0%	77.5%	28.9
MMP-N1	Methane Monitoring Point (Shallow)	13:10	0.0%	0.0%	0.0%	1.4%	20.3%	78.3%	28.9
MMP-N2	Methane Monitoring Point (Deep)	13:16	0.0%	0.0%	0.0%	2.5%	20.8%	76.7%	29.0
MMP-N2	Methane Monitoring Point (Shallow)	13:17	0.0%	0.0%	0.0%	2.0%	20.6%	77.4%	29.0
MMP-N3	Methane Monitoring Point (Deep)	12:58	0.0%	0.0%	0.0%	1.1%	21.5%	77.4%	29.0
MMP-N3	Methane Monitoring Point (Shallow)	12:59	0.0%	0.0%	0.0%	1.1%	21.1%	77.8%	29.0
MMP-W1	Methane Monitoring Point (Deep)	12:28	0.0%	0.0%	0.0%	1.6%	20.8%	77.6%	29.0
MMP-W1	Methane Monitoring Point (Shallow)	12:29	0.0%	0.0%	0.0%	1.4%	20.8%	77.8%	29.0
MMP-W2	Methane Monitoring Point (Deep)	12:40	0.0%	0.0%	0.0%	1.3%	20.9%	77.8%	29.0
MMP-W2	Methane Monitoring Point (Shallow)	12:41	0.0%	0.0%	0.0%	1.2%	20.9%	77.9%	29.0
MMP-W3	Methane Monitoring Point (Deep)	12:46	0.0%	0.0%	0.0%	0.1%	21.8%	78.1%	29.0
MMP-W3	Methane Monitoring Point (Shallow)	12:47	0.0%	0.0%	0.0%	0.1%	21.8%	78.1%	29.0
Point 10	HH-C1 & HH-P1	11:43	0.0%	0.0%	0.0%	0.2%	21.9%	77.9%	28.9
Point 11	HH-P-CWTS1	12:09	0.0%	0.0%	0.0%	0.2%	21.5%	78.3%	29.0
Point 12	HH-P-CWTS5	12:10	0.0%	0.0%	0.0%	0.1%	21.6%	78.3%	29.0

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